

# SK Inc. and its subsidiaries

Consolidated financial statements for the years ended December 31, 2022 and 2021 with the independent auditor's report

## **Table of contents**

## Independent auditor's report

| Consolidated financial statements               | Page |
|---|------|
| Consolidated statements of financial position   | 1    |
| Consolidated statements of comprehensive income | 2    |
| Consolidated statements of changes in equity    | 3    |
| Consolidated statements of cash flows           | 5    |
| Notes to the consolidated financial statements  | 6    |



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## Independent auditors' report

#### Independent auditor's report

(English Translation of a Report Originally Issued in Korean)

## The Shareholders and Board of Directors SK Inc.

### Opinion

We have audited the accompanying consolidated financial statements of SK Inc. (the "Company") and its subsidiaries (collectively referred to as the "Group"), which comprise the consolidated statements of financial position as of December 31, 2022 and 2021, and the consolidated statements of comprehensive income, consolidated statements of changes in equity and consolidated statements of cash flows for the years then ended, and notes to the consolidated financial statements, including a summary of significant accounting policies.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as of December 31, 2022 and 2021, and its consolidated financial performance and its consolidated cash flows for the years then ended in accordance with International Financial Reporting Standards as adopted by the Republic of Korea ("KIFRS").

## **Basis for opinion**

We conducted our audits in accordance with the Korean Standards on Auditing ("KSA"). Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the consolidated financial statements section of our report. We are independent of the Group in accordance with the ethical requirements that are relevant to our audit of the consolidated financial statements in the Republic of Korea, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

## **Key audit matters**

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our audit opinion thereon, and we do not provide a separate opinion on these matters.

(1) Impairment testing of goodwill and intangible assets with indefinite useful lives

As described in Notes 14 and 15 to the consolidated financial statements, the Group recognizes goodwill of  $\mbox{$W7,475,558$}$  million and intangible assets with indefinite useful life (including brand-related assets of  $\mbox{$W2,681,683$}$  million) as of December 31, 2022, all of which has incurred through a number of business combinations happened in the past.

Among the total goodwill and intangible assets recognized by the Group, SK brand-related assets of  $\mathbb{W}1,975,000$  million arising from the merger with the Company in 2015 and goodwill of  $\mathbb{W}1,155,037$  million arising from the acquisition of the physical security service business in 2018 have significant volume of amounts. In accordance with KIFRS 1036 *Impairment of Assets*, impairment test is required for goodwill acquired in a business combination and intangible assets with indefinite useful lives annually. Since we consider assumptions and judgment which the Group's management used in estimating value-in-use related to impairment testing of goodwill and intangible assets with indefinite useful lives as significant, we determined impairment testing of goodwill related to the acquisition of physical security service business and SK brand-related assets to be a key audit matter.



The major audit procedures we have performed in this regard are as follows:

- We obtained an understanding of assets subject to impairment testing and reviewed the Group's accounting
  policies related to impairment testing.
- We assessed the qualification, experience and expertise of external valuation specialists and checked their objectivity and independence.
- We evaluated the impairment review report of the Group by involving internal valuation specialists.
- We compared the financial forecasts used in estimating value-in-use and those approved by management.
- We compared the major assumptions used in the evaluation with the past financial performance, industry indicators and market data.
- We evaluated the impact of changes in key assumptions on management's assessment through sensitivity analysis of discount rates and perpetual growth rates that are used in estimating value-in-use.

## Responsibilities of management and those charged with governance for the consolidated financial statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with KIFRS, and for such internal control as management determines is necessary to enable the preparation of the consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

### Auditor's responsibilities for the audit of the consolidated financial statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with KSA will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.



As part of an audit in accordance with KSA, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due
  to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence
  that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material
  misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion,
  forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated financial statements, including
  the disclosures, and whether the consolidated financial statements represent the underlying transactions and
  events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business
  activities within the Group to express an opinion on the consolidated financial statements. We are responsible
  for the direction, supervision and performance of the group audit. We remain solely responsible for our audit
  opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partner on the audit resulting in this independent auditor's report is Bok-Han Lee.

Ernst Young Han Young

March 14, 2023

This audit report is effective as of March 14, 2023, the independent auditor's report date. Accordingly, certain material subsequent events or circumstances may have occurred during the period from the date of the independent auditor's report to the time this report is used. Such events and circumstances could significantly affect the accompanying consolidated financial statements and may result in modifications to this report.

## SK Inc. and its subsidiaries

Consolidated financial statements for the years ended December 31, 2022 and 2021

"The accompanying consolidated financial statements, including all footnotes and disclosures, have been prepared by, and are the responsibility of, the Group."

|   |                     |            | Korea                    | an wo    | nn                       |           | Translation i         | nto (<br>te 2) |                          |
|---|---------------------|------------|--------------------------|----------|--------------------------|-----------|-----------------------|----------------|--------------------------|
|   | Notes               |            | 2022                     |          | 2021                     |           | 2022                  | ,              | 2021                     |
| Assets  |                     |            |                          |          |                          |           |                       | _              |                          |
| Current assets:   |                     |            |                          |          |                          |           |                       |                |                          |
| Cash and cash equivalents                                   | 6,35,37,38          | ₩          | 21,393,853               | ₩        | 12,317,555               | \$        | 16,881,443            | \$             | 9,719,526                |
| Short-term financial instruments                            | 6,35,37             |            | 3,727,273                |          | 6,124,750                |           | 2,941,113             |                | 4,832,912                |
| Trade receivables, net                                      | 6,7,35,38           |            | 14,334,532               |          | 11,387,442               |           | 11,311,080            |                | 8,985,593                |
| Other receivables, net                                      | 6,38                |            | 3,559,791                |          | 2,419,559                |           | 2,808,957             |                | 1,909,224                |
| Inventories, net  | 8,38                |            | 15,552,284               |          | 10,680,704               |           | 12,271,983            |                | 8,427,921                |
| Short-term investment securities                            | 6,9,35,38           |            | 240,621                  |          | 353,355                  |           | 189,869               |                | 278,825                  |
| Other current assets  | 6,20,21,32,35,37,38 |            | 5,589,702                |          | 4,879,645                |           | 4,410,717             |                | 3,850,426                |
| Assets held for sale  | 31                  |            | 595,523                  |          | 1,030,196                |           | 469,915               |                | 812,906                  |
| Total current assets  |                     |            | 64,993,579               |          | 49,193,206               | _         | 51,285,077            | _              | 38,817,333               |
| Non-current assets:   |                     |            |                          |          |                          |           |                       |                |                          |
| Long-term financial instruments                             | 6,35,37             |            | 112,484                  |          | 48,092                   |           | 88,759                |                | 37,948                   |
| Long-term trade receivables, net                            | 6,7,38              |            | 517,701                  |          | 391,739                  |           | 408,507               |                | 309,113                  |
| Long-term other receivables, net                            | 6,38                |            | 380,964                  |          | 318,884                  |           | 300,611               |                | 251,625                  |
| Long-term investment securities                             | 6,9,35,38           |            | 7,950,497                |          | 9,546,185                |           | 6,273,571             |                | 7,532,695                |
| Investments in associates and joint ventures                | 10,35               |            | 27,457,005               |          | 26,050,445               |           | 21,665,750            |                | 20,555,863               |
| Properties, plant and equipment, net                        | 11,32,35            |            | 59,921,872               |          | 51,393,741               |           | 47,283,100            |                | 40,553,729               |
| Right-of-use assets, net                                    | 12                  |            | 5,437,414                |          | 5,034,316                |           | 4,290,550             |                | 3,972,474                |
| Investment properties, net                                  | 13,35               |            | 1,866,106                |          | 967,128                  |           | 1,472,505             |                | 763,141                  |
| Goodwill  | 14                  |            | 7,475,558                |          | 5,618,511                |           | 5,898,807             |                | 4,433,450                |
| Intangible assets, net                                      | 15                  |            | 12,709,019               |          | 12,681,890               |           | 10,028,422            |                | 10,007,015               |
| Defined benefit asset                                       | 19                  |            | 660,282                  |          | 56,150                   |           | 521,015               |                | 44,307                   |
| Deferred tax assets   | 27                  |            | 1,166,846                |          | 765,000                  |           | 920,734               |                | 603,646                  |
| Other non-current assets                                    | 6,19,20,21,32,37,38 |            | 3,856,533                |          | 3,303,076                |           | 3,043,110             |                | 2,606,388                |
| Total non-current assets                                    |                     |            | 129,512,281              |          | 116,175,157              |           | 102,195,441           |                | 91,671,394               |
| Total assets  |                     | ₩          | 194,505,860              | ₩        | 165,368,363              | <u>\$</u> | 153,480,518           | <u>\$</u>      | 130,488,727              |
| Liabilities and equity                                      |                     |            |                          |          |                          |           |                       |                |                          |
| Liabilities   |                     |            |                          |          |                          |           |                       |                |                          |
| Current liabilities:  |                     |            |                          |          |                          |           |                       |                |                          |
| Short-term borrowings                                       | 6,7,16,33,35,38     | ₩          | 17,457,297               | ₩        | 7,657,381                | \$        | 13,775,189            | \$             | 6,042,280                |
| Trade payables  | 6,38                |            | 14,024,892               |          | 9,519,544                |           | 11,066,750            |                | 7,511,674                |
| Other payables  | 6,17,38             |            | 7,204,577                |          | 7,049,872                |           | 5,684,981             |                | 5,562,907                |
| Provisions  | 18                  |            | 640,198                  |          | 530,049                  |           | 505,167               |                | 418,251                  |
| Current portion of long-term debt                           | 6,16,33,34,35,38    |            | 11,373,120               |          | 7,828,071                |           | 8,974,292             |                | 6,176,968                |
| Other current liabilities                                   | 6,20,21,32,38       |            | 12,285,360               |          | 11,991,798               |           | 9,694,121             |                | 9,462,478                |
| Liabilities held for sale                                   | 31                  |            | 67,760                   |          | 398,144                  |           | 53,468                |                | 314,167                  |
| Total current liabilities                                   |                     |            | 63,053,204               |          | 44,974,859               |           | 49,753,968            |                | 35,488,725               |
| Non-current liabilities:                                    |                     |            |                          |          |                          |           |                       |                |                          |
| Bonds payable and long-term borrowings                      | 6,16,33,34,35,38    |            | 45,641,745               |          | 42,620,141               |           | 36,014,949            |                | 33,630,664               |
| Long-term other payables                                    | 6,17,33,34,38       |            | 1,513,207                |          | 1,854,343                |           | 1,194,040             |                | 1,463,223                |
| Defined benefit liabilities                                 | 19                  |            | 170,368                  |          | 283,938                  |           | 134,434               |                | 224,050                  |
| Provisions  | 18                  |            | 866,826                  |          | 706,452                  |           | 683,994               |                | 557,447                  |
| Deferred tax liabilities                                    | 27                  |            | 4,435,594                |          | 3,807,437                |           | 3,500,035             |                | 3,004,369                |
| Other non-current liabilities                               | 6,20,21,32,38       |            | 7,016,126                |          | 5,568,542                |           | 5,536,280             |                | 4,394,019                |
| Total non-current liabilities                               |                     |            | 59,643,866               |          | 54,840,853               |           | 47,063,732            | -              | 43,273,772               |
| Total liabilities   |                     |            | 122,697,070              |          | 99,815,712               |           | 96,817,700            |                | 78,762,497               |
| Equity  |                     |            |                          |          |                          |           |                       |                |                          |
| • •   |                     |            |                          |          |                          |           |                       |                |                          |
| Equity attributable to owners of the parent: Issued capital | 1,22                |            | 16,143                   |          | 16,143                   |           | 12,738                |                | 12,738                   |
| Other paid-in capital                                       | 22                  |            |                          |          |                          |           |                       |                | 5,085,849                |
| ·   |                     |            | 6,401,912<br>14,918,613  |          | 6,445,296                |           | 5,051,615             |                |                          |
| Retained earnings Other components of equity                | 22<br>22            |            | , ,                      |          | 14,061,050<br>721,262    |           | 11,771,966            |                | 11,095,281               |
| Total equity attributable to owners of the parent           | 44                  |            | 258,878<br>21,595,546    |          | 21,243,751               |           | 204,275<br>17,040,594 |                | 569,133<br>16,763,001    |
| Non-controlling interests                                   |                     |            |                          |          | , ,                      |           | 39,622,224            |                |                          |
| Total equity  |                     |            | 50,213,244<br>71,808,790 |          | 44,308,900<br>65,552,651 |           | 56,662,818            |                | 34,963,229<br>51,726,230 |
| Total liabilities and equity                                |                     | ₩          | 194,505,860              | ₩        | 165,368,363              | \$        | 153,480,518           | \$             | 130,488,727              |
| Total habilities and equity                                 |                     | <u>***</u> | .54,555,550              | <u> </u> | 100,000,000              | <u>1</u>  | 100,400,010           | <u>1</u>       | .00,700,121              |

|   |                                    |   | Korea   | n wo | on  |           | Translation i  | nto (<br>te 2) |   |
|---|------------------------------------|---|---|------|---|-----------|--|----------------|---|
|   | Notes                              | _ | 2022  |      | 2021  | _         | 2022   |                | 2021  |
| Sales<br>Cost of sales  | 4<br>26                            | ₩ | 134,551,641<br>119,452,622                                  | ₩    | 97,203,653<br>86,422,753                                      | \$        | 106,171,894<br>94,257,573                                  | \$             | 76,701,375<br>68,194,392                                      |
| Gross profit  |                                    |   | 15,099,019  |      | 10,780,900  |           | 11,914,321   |                | 8,506,983   |
| Selling and administrative expenses   | 23,26                              | _ | 7,094,309   |      | 5,921,140   | _         | 5,597,971  |                | 4,672,248   |
| Operating profit  | 4                                  |   | 8,004,710   |      | 4,859,760   |           | 6,316,350  |                | 3,834,735   |
| Finance income Finance costs Gain on investments in associates and joint ventures, net Other non-operating income Other non-operating expenses  | 6,24<br>6,24<br>10<br>6,25<br>6,25 |   | 9,171,749<br>12,084,218<br>84,241<br>2,136,555<br>1,404,340 |      | 3,558,379<br>4,994,899<br>1,923,072<br>2,545,912<br>1,909,896 |           | 7,237,236<br>9,535,404<br>66,473<br>1,685,910<br>1,108,135 |                | 2,807,843<br>3,941,371<br>1,517,456<br>2,008,926<br>1,507,059 |
| Profit from continuing operations before income tax expense   | 4                                  |   | 5,908,697   |      | 5,982,328   |           | 4,662,430  |                | 4,720,530   |
| Income tax expense from continuing operations   | 27                                 |   | 2,373,950   |      | 641,580   | _         | 1,873,235  |                | 506,257   |
| Profit for the year from continuing operations  | 4                                  |   | 3,534,747   |      | 5,340,748   |           | 2,789,195  |                | 4,214,273   |
| Gain from discontinued operations   | 30                                 |   | 431,429   |      | 365,178   | _         | 340,432  |                | 288,154   |
| Profit for the year Attributable to:  |                                    | ₩ | 3,966,176   | ₩    | 5,705,926   | <u>\$</u> | 3,129,627  | \$             | 4,502,427   |
| Owners of the parent<br>Non-controlling interests   |                                    |   | 1,098,683<br>2,867,493                                      |      | 1,965,612<br>3,740,314  |           | 866,948<br>2,262,679                                       |                | 1,551,023<br>2,951,404  |
| Other comprehensive income (loss): Items that will not be reclassified to profit or loss in subsequent periods (net of tax): Remeasurement gain on defined benefit plans Net gain (loss) on valuation of financial assets at FVOCI Items that may be reclassified to profit or loss |                                    |   | 258,742<br>(2,076,572)                                      |      | 15,153<br>968,949   |           | 204,167<br>(1,638,580)                                     |                | 11,957<br>764,577   |
| in subsequent periods (net of tax):  Equity adjustments of investments in  associates and joint ventures  |                                    |   | 238,715   |      | 449,875   |           | 188,365  |                | 354,987   |
| Gain on valuation of derivative financial instruments<br>Net gain on translation of foreign operations  |                                    |   | 148,993<br>840,265<br>(589,857)                             |      | 152,878<br>1,397,842<br>2,984,697                             | _         | 117,567<br>663,035<br>(465,446)                            |                | 120,633<br>1,103,008<br>2,355,162                             |
| Total comprehensive income for the year Attributable to:  |                                    | ₩ | 3,376,319   | ₩    | 8,690,623   | \$        | 2,664,181  | \$             | 6,857,589   |
| Owners of the parent Non-controlling interests  |                                    |   | 852,490<br>2,523,829  |      | 3,013,836<br>5,676,787  |           | 672,680<br>1,991,501                                       |                | 2,378,155<br>4,479,434  |
| Earnings per share (Korean won and U.S. dollar): Basic earnings per share Diluted earnings per share Basic earnings per share from continuing operations Diluted earnings per share from continuing operations  | 28                                 | ₩ | 19,547<br>19,506<br>16,317<br>16,283                        | ₩    | 37,321<br>37,245<br>34,297<br>34,227                          | \$        | 15<br>15<br>13<br>13                                       | \$             | 29<br>29<br>27<br>27  |

The accompanying notes are an integral part of the consolidated financial statements.

SK Inc. and its subsidiaries Consolidated statements of changes in equity for the years ended December 31, 2022 and 2021 (Korean won in millions)

|  |       |                |      | Š               | ٥   | on ice     | Š   | Other       | Torattri | Total equity attributable to |       |             |   |              |
|--|-------|----------------|------|-----------------|-----|------------|-----|-------------|----------|------------------------------|-------|-------------|---|--------------|
|  | Issue | Issued capital | paic | paid-in capital | ۵ ک | earnings   | 5 0 | of equity   | 5        | parent                       | inter | interests   | Ţ | Total equity |
| As of January 1, 2021  | ≱     | 15,385         | ≱    | 5,250,146       | ≱   | 12,496,676 | ≱   | (327,163)   | *        | 17,435,044                   | ₩ 34  | 34,424,874  | * | 51,859,918   |
| Total comprehensive income:                                  |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| Profit for the year  |       | •              |      | 1               |     | 1,965,612  |     | ı           |          | 1,965,612                    | က     | 3,740,314   |   | 5,705,926    |
| Remeasurement loss on defined benefit plans                  |       | •              |      | •               |     | 5,212      |     | •           |          | 5,212                        |       | 9,941       |   | 15,153       |
| Net gain (loss) on valuation of financial assets             |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| at FVOCI   |       | •              |      | •               |     | (5,413)    |     | 132,261     |          | 126,848                      |       | 842,101     |   | 968,949      |
| Equity adjustments of investments in                         |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| associates and joint ventures                                |       | •              |      | •               |     | •          |     | 136,763     |          | 136,763                      |       | 313,112     |   | 449,875      |
| Net gain (loss) on valuation of derivative                   |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| financial instruments  |       | •              |      | •               |     | '          |     | (11,510)    |          | (11,510)                     |       | 164,388     |   | 152,878      |
| Net gain on translation of foreign operations                |       | •              |      | 1               |     | •          |     | 790,911     |          | 790,911                      |       | 606,931     |   | 1,397,842    |
| Transaction with shareholders recognized directly to equity: |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| Dividends  |       | •              |      | •               |     | (396,563)  |     | •           |          | (396,563)                    |       | (986,617)   |   | (1,383,180)  |
| Paid-in capital increase                                     |       | 758            |      | 1,003,336       |     | •          |     | •           |          | 1,004,094                    |       | •           |   | 1,004,094    |
| Equity transactions within the Group                         |       | •              |      | 186,506         |     | •          |     | •           |          | 186,506                      | 5     | 5,195,959   |   | 5,382,465    |
| Changes in the scope of consolidation                        |       | 1              |      | •               |     | •          |     | •           |          | •                            |       | 6,363       |   | 6,363        |
| Others   |       | •              |      | 5,308           |     | (4,474)    |     | •           |          | 834                          |       | (8,466)     |   | (7,632)      |
| As of December 31, 2021                                      | ≱     | 16,143         | ≱    | 6,445,296       | ≱   | 14,061,050 | ₽   | 721,262     | *        | 21,243,751                   | ₩ 44  | 44.308.900  | * | 65,552,651   |
|  |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| As of January 1, 2022  | *     | 16,143         | ≱    | 6,445,296       | ≱   | 14,061,050 | ≱   | 721,262     | ≱        | 21,243,751                   | ₩     | 44,308,900  | ₩ | 65,552,651   |
| Total comprehensive income:                                  |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| Profit for the year  |       | •              |      | 1               |     | 1,098,683  |     | 1           |          | 1,098,683                    | 2     | 2,867,493   |   | 3,966,176    |
| Remeasurement gain on defined benefit plans                  |       | •              |      | 1               |     | 117,959    |     | 1           |          | 117,959                      |       | 140,783     |   | 258,742      |
| Net gain (loss) on valuation of financial assets             |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| at FVOCI   |       | •              |      | •               |     | 98,232     | _   | (1,233,039) |          | (1,134,807)                  |       | (941,765)   |   | (2,076,572)  |
| Equity adjustments of investments in                         |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| associates and joint ventures                                |       | •              |      | •               |     | •          |     | 129,027     |          | 129,027                      |       | 109,688     |   | 238,715      |
| Net gain on valuation of derivative                          |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| financial instruments  |       | •              |      | •               |     | '          |     | 47,986      |          | 47,986                       |       | 101,007     |   | 148,993      |
| Net gain on translation of foreign operations                |       | •              |      | •               |     | •          |     | 593,642     |          | 593,642                      |       | 246,623     |   | 840,265      |
| Transaction with shareholders recognized directly to equity: |       |                |      |                 |     |            |     |             |          |                              |       |             |   |              |
| Dividends  |       | •              |      | •               |     | (453,321)  |     | •           |          | (453,321)                    | 5     | (1,244,522) |   | (1,697,843)  |
| Stock-based payment  |       | •              |      | 31,799          |     | •          |     | •           |          | 31,799                       |       | 132,442     |   | 164,241      |
| Equity transactions within the Group                         |       | •              |      | (69,684)        |     | •          |     | •           |          | (69,684)                     | က     | 3,059,966   |   | 2,990,282    |
| Changes in the scope of consolidation                        |       | •              |      | •               |     | •          |     | •           |          | •                            | _     | 1,433,037   |   | 1,433,037    |
| Others   |       | •              |      | (5,499)         |     | (3,990)    |     | •           |          | (9,489)                      |       | (408)       |   | (8,897)      |
| As of December 31, 2022                                      | *     | 16,143         | ≱    | 6,401,912       | ≱   | 14,918,613 | ≱   | 258,878     | ₩        | 21,595,546                   | ₩ 20  | 50,213,244  | ≱ | 71,808,790   |

(Continued)

SK Inc. and its subsidiaries Consolidated statements of changes in equity for the years ended December 31, 2022 and 2021 (cont'd) (U.S. dollar in thousands)

|  |               |                |               |                 |          |            | Ç          | ż         | Tota     | Total equity  |               |                 |      |              |
|--|---------------|----------------|---------------|-----------------|----------|------------|------------|-----------|----------|---------------|---------------|-----------------|------|--------------|
|  |               |                |               | Other           | Retained | ped        | components | nents     | OWNE     | owners of the | Non-          | Non-controlling |      |              |
|  | Issu          | Issued capital | paic          | paid-in capital | earnings | sbu        | of equity  |           |          | parent        | .⊑            | interests       | Tota | Total equity |
| As of January 1, 2021  | ↔             | 12,140         | <del>63</del> | 4,142,781       | 8,6 \$   | 9,860,866  | \$ (25     | (258,157) | <b>.</b> | 13,757,630    | ₩             | 27,163,950 \$   |      | 40,921,580   |
| Total comprehensive income:                                  |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Profit for the year  |               | 1              |               |                 | 1,5      | 1,551,023  |            |           |          | 1,551,023     |               | 2,951,404       |      | 4,502,427    |
| Remeasurement loss on defined benefit plans                  |               | •              |               | •               |          | 4,113      |            | •         |          | 4,113         |               | 7,844           |      | 11,957       |
| Net gain (loss) on valuation of financial assets             |               | •              |               | •               |          | (4,271)    | 1          | 104,364   |          | 100,093       |               | 664,484         |      | 764,577      |
| at FVOCI   |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Equity adjustments of investments in                         |               | •              |               | 1               |          | •          | 9          | 107,917   |          | 107,917       |               | 247,070         |      | 354,987      |
| associates and joint ventures                                |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Net gain (loss) on valuation of derivative                   |               | •              |               | •               |          | •          |            | (9,082)   |          | (9,082)       |               | 129,715         |      | 120,633      |
| financial instruments  |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Net gain on translation of foreign operations                |               | •              |               |                 |          | ٠          | 62         | 624,091   |          | 624,091       |               | 478,917         |      | 1,103,008    |
| Transaction with shareholders recognized directly to equity: |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Dividends  |               | •              |               | •               | (3       | (312,920)  |            | ٠         |          | (312,920)     |               | (778,519)       | Ŭ    | (1,091,439)  |
| Paid-in capital increase                                     |               | 598            |               | 791,712         |          | •          |            | ٠         |          | 792,310       |               |                 |      | 792,310      |
| Equity transactions within the Group                         |               | •              |               | 147,168         |          | ٠          |            | ٠         |          | 147,168       |               | 4,100,023       |      | 4,247,191    |
| Changes in the scope of consolidation                        |               | •              |               | •               |          | ٠          |            | ٠         |          | •             |               | 5,021           |      | 5,021        |
| Others   |               | 1              |               | 4,188           |          | (3,530)    |            | ٠         |          | 658           |               | (0,680)         |      | (6,022)      |
| As of December 31, 2021                                      | €             | 12,738         | ₩             | 5,085,849       | \$ 11,0  | 11,095,281 | \$ 26      | 569,133   | \$       | 16,763,001    | <del>S</del>  | 34,963,229 \$   |      | 51,726,230   |
|  |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| As of January 1, 2022  | <del>\$</del> | 12,738         | ₩             | 5,085,849       | \$ 11,0  | 11,095,281 | \$ 56      | 569,133   | \$       | 16,763,001    | \$            | 34,963,229      |      | 51,726,230   |
| Total comprehensive income:                                  |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Profit for the year  |               | •              |               |                 | 80       | 866,948    |            | •         |          | 866,948       |               | 2,262,679       |      | 3,129,627    |
| Remeasurement gain on defined benefit plans                  |               | 1              |               | •               |          | 93,079     |            | ٠         |          | 93,079        |               | 111,088         |      | 204,167      |
| Net gain (loss) on valuation of financial assets             |               | •              |               | •               |          | 77,513     | (97        | (972,966) |          | (895,453)     |               | (743,127)       |      | (1,638,580)  |
| at FVOCI   |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Equity adjustments of investments in                         |               | •              |               | •               |          | •          | 9          | 101,813   |          | 101,813       |               | 86,552          |      | 188,365      |
| associates and joint ventures                                |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Net gain on valuation of derivative                          |               | •              |               | •               |          | ٠          | (r)        | 37,865    |          | 37,865        |               | 79,702          |      | 117,567      |
| financial instruments  |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Net gain on translation of foreign operations                |               | •              |               | •               |          | •          | 46         | 468,430   |          | 468,430       |               | 194,605         |      | 663,035      |
| Transaction with shareholders recognized directly to equity: |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |
| Dividends  |               | •              |               | •               | (3       | (357,706)  |            | ٠         |          | (357,706)     |               | (982,026)       | Ŭ    | (1,339,732)  |
| Stock-based payment  |               | •              |               | 25,092          |          | •          |            | ٠         |          | 25,092        |               | 104,507         |      | 129,599      |
| Equity transactions within the Group                         |               | •              |               | (54,986)        |          | •          |            | ٠         |          | (54,986)      |               | 2,414,555       |      | 2,359,569    |
| Changes in the scope of consolidation                        |               | •              |               |                 |          | ٠          |            | ٠         |          |               |               | 1,130,780       |      | 1,130,780    |
| Others   |               | •              |               | (4,340)         |          | (3,149)    |            | ٠         |          | (7,489)       |               | (320)           |      | (2,809)      |
| As of December 31, 2022                                      | €             | 12,738         | ₩             | 5,051,615       | \$ 11,7  | 11,771,966 | \$ 20      | 204,275   | \$       | 17,040,594    | <del>\$</del> | 39,622,224      |      | 56,662,818   |
|  |               |                |               |                 |          |            |            |           |          |               |               |                 |      |              |

The accompanying notes are an integral part of the consolidated financial statements.

|   |       |   | Korea        | ın w | on                         |    | Translation in |    | .S. dollar   |
|---|-------|---|--------------|------|----------------------------|----|----------------|----|--------------|
|   | Notes |   | 2022         |      | 2021                       |    | 2022           |    | 2021         |
| Cash flows from operating activities:   |       |   |              |      |                            |    |                |    |              |
| Profit for the year   |       | ₩ | 3,966,176    | ₩    | 5,705,926                  | \$ | 3.129.627      | \$ | 4.502.427    |
| Non-cash adjustments  | 33    |   | 13,725,523   |      | 7,472,186                  | Ψ. | 10,830,524     | Ψ. | 5,896,146    |
| Working capital adjustments   | 33    |   | (6,422,242)  |      | (4,101,511)                |    | (5,067,657)    |    | (3,236,417)  |
| Interest received   | 00    |   | 438,070      |      | 183,838                    |    | 345,672        |    | 145,063      |
| Interest paid   |       |   | (2,141,140)  |      | (1,442,700)                |    | (1,689,529)    |    | (1,138,404)  |
| Dividends received  |       |   | 581,958      |      | 303,314                    |    | 459,211        |    | 239,339      |
| Income tax paid   |       |   | (2,470,596)  | _    | (2,008,378)                |    | (1,949,496)    |    | (1,584,769)  |
| Net cash provided by operating activities   |       |   | 7,677,749    |      | 6,112,675                  |    | 6,058,352      |    | 4,823,385    |
| Cash flows from investing activities:   |       |   |              |      |                            |    |                |    |              |
| Decrease (increase) in short-term and long-term   |       |   |              |      |                            |    |                |    |              |
| financial instruments, net  |       |   | 2,431,937    |      | (1,597,804)                |    | 1,918,991      |    | (1,260,794)  |
| Decrease in short-term and long-term loans, net   |       |   | 36,198       |      | 29,949                     |    | 28,563         |    | 23,632       |
| Decrease (increase) in short-term investment securities, net  |       |   | 162.282      |      | (151,803)                  |    | 128.053        |    | (119,785)    |
| Proceeds from disposal of long-term investment securities   |       |   | 944,715      |      | 555,038                    |    | 745,455        |    | 437,969      |
| Proceeds from disposal of investments in associates and   |       |   | 354,631      |      | 319,916                    |    | 279,832        |    | 252,439      |
| joint ventures  |       |   | 004,001      |      | 010,010                    |    | 210,002        |    | 202,400      |
| Proceeds from disposal of property, plant and equipment   |       |   | 1,358,039    |      | 350,211                    |    | 1,071,600      |    | 276,344      |
| Proceeds from disposal of intangible assets   |       |   | 30,294       |      | 87,058                     |    | 23,904         |    | 68,696       |
| Proceeds from disposal of assets held for sale  |       |   | 1,353,321    |      | 642.999                    |    | 1.067.877      |    | 507.377      |
| Acquisition of long-term investment securities  |       |   | (1,534,340)  |      | (3,544,378)                |    | (1,210,716)    |    | (2,796,795)  |
| Acquisition of investments in associates and joint ventures   |       |   | (2,018,959)  |      |                            |    | (1,593,118)    |    | (2,132,894)  |
| Acquisition of investments in associates and joint ventures  Acquisition of property, plant and equipment |       |   | . , , ,      |      | (2,703,016)<br>(8,737,170) |    |                |    | (6,894,319)  |
| 1 1 271 1 1   |       |   | (14,000,065) |      | . , , ,                    |    | (11,047,159)   |    | . , ,        |
| Acquisition of intangible assets  |       |   | (612,179)    |      | (722,584)                  |    | (483,058)      |    | (570,176)    |
| Net changes in cash due to changes in the scope of consolidation  |       |   | (2,342,767)  |      | (1,509,843)                |    | (1,848,629)    |    | (1,191,386)  |
| Others, net   |       |   | (1,122,241)  |      | 1,561,466                  |    | (885,537)      |    | 1,232,120    |
| Others, net   |       |   | (1,122,241)  |      | 1,301,400                  |    | (000,001)      |    | 1,232,120    |
| Net cash used in investing activities   |       |   | (14,959,134) | _    | (15,419,961)               | _  | (11,803,942)   |    | (12,167,572) |
| Cash flows from financing activities:   |       |   |              |      |                            |    |                |    |              |
| Increase in short-term borrowings, net  |       |   | 10,426,397   |      | 1,279,570                  |    | 8,227,252      |    | 1,009,682    |
| Increase in bonds payable and borrowings  |       |   | 14,379,806   |      | 13,616,204                 |    | 11,346,805     |    | 10,744,263   |
| Decrease in bonds payable and borrowings  |       |   | (9,178,991)  |      | (7,637,133)                |    | (7,242,950)    |    | (6,026,302)  |
| Decrease in long-term other payables  |       |   | (407,780)    |      | (426,462)                  |    | (321,771)      |    | (336,512)    |
| Decrease in lease liabilities   |       |   | (1,099,618)  |      | (1,070,625)                |    | (867,686)      |    | (844,808)    |
| Payment of dividends  |       |   | (1,708,407)  |      | (1,394,332)                |    | (1,348,068)    |    | (1,100,238)  |
| Cash inflows from equity transactions within  |       |   |              |      |                            |    |                |    |              |
| the Group   |       |   | 3,684,636    |      | 7,317,819                  |    | 2,907,469      |    | 5,774,338    |
| Others, net   |       |   | (83,307)     | _    | (87,119)                   |    | (65,735)       |    | (68,744)     |
| Net cash provided by financing activities   |       |   | 16,012,736   | _    | 11,597,922                 |    | 12,635,316     |    | 9,151,679    |
| Net increase in cash and cash equivalents   |       |   | 8,731,351    |      | 2,290,636                  |    | 6,889,726      |    | 1,807,492    |
| Net foreign exchange effects  |       |   | 366,453      |      | 136,402                    |    | 289,161        |    | 107,633      |
| Cash and cash equivalents included in assets held for sale  |       |   | (21,506)     |      | (206,423)                  |    | (16,970)       |    | (162,884)    |
| Cash and cash equivalents at the beginning of the year  |       |   | 12,317,555   |      | 10,096,940                 |    | 9,719,526      |    | 7,967,285    |
| Cash and cash equivalents at the end of the year  |       | ₩ | 21,393,853   | ₩    |                            | \$ | 16,881,443     | \$ | 9,719,526    |

The accompanying notes are an integral part of the consolidated financial statements.

## 1. Corporate information

## 1.1 Parent Company

SK Inc. (the "Company" or "Parent Company") was established on April 13, 1991 and has been engaged in providing systems integration, software design and development, information processing and consulting services, and is headquartered at 26, Jong-ro, Jongno-gu, Seoul. The Company's ordinary shares have been listed on the Korea Exchange since November 11, 2009.

Upon the acquisition of SK Inc. by SK C&C Co., Ltd. effective on August 1, 2015, the Company added the investment business to its existing operations for the purpose of holding the securities of its subsidiaries. Furthermore, the Company changed its name to its current form as of the acquisition date.

As of December 31, 2022, the issued capital of the Company amounts to  $$\mathbb{H}$16,143$ million (including $\mathbb{H}$113 million of preferred shares). Major shareholders and their equity ownership are Tae-won Chey, National Pension Service and Ki-won Choi each holding 17.50%, 8.27%, and 6.50%, respectively, as of December 31, 2022.$ 

## 1.2 Consolidated subsidiaries

The Company and its subsidiaries (collectively, the "Group") are engaged in petroleum refining, telecommunications, wholesale and retail, chemicals, construction and other industries. Subsidiaries whose accounts are included in the consolidated financial statements as of December 31, 2022 are as follows:

|  |             |  |  | Equity ownership |
|--|-------------|--|--|------------------|
| Subsidiaries   | Domicile    | Principal business activity                                      | The largest shareholders                 | (*1)             |
| SK Innovation Co., Ltd. (*2)   | Korea       | Resource development   | SK Inc.                                  | 33.77%           |
| SK Energy Co., Ltd.  | Korea       | Crude oil refining and sales                                     | SK Innovation Co., Ltd.                  | 100.00%          |
| Netruck Co., Ltd.  | Korea       | Gas station operation  | SK Energy Co., Ltd.                      | 100.00%          |
| Jeju United FC Corporation   | Korea       | Sports association sponsoring                                    | SK Energy Co., Ltd.                      | 100.00%          |
| Happy Didim Co., Ltd.  | Korea       | Service  | SK Energy Co., Ltd.                      | 100.00%          |
| Green & Co. Asia Ltd.  | Myanmar     | Manufacturing  | SK Energy Co., Ltd.                      | 80.00%           |
| SK Energy Hong Kong Co., Ltd.  | Hong Kong   | Investment   | SK Energy Co., Ltd.                      | 100.00%          |
| SK Energy Road Investment Co., Ltd.  | Cayman      | Investment   | SK Energy Co., Ltd.                      | 100.00%          |
| SK Energy Road Investment (HK) Co., Ltd.   | Hong Kong   | Investment   | SK Energy Road Investment Co., Ltd.      | 100.00%          |
| SK Asphalt (Shanghai) Co., Ltd.  | China       | The sale of asphalt  | SK Energy Road Investment (HK) Co., Ltd. | 100.00%          |
| goodsFLOW Co., Ltd. (*2)   | Korea       | The information and communication<br>and transportation industry | SK Energy Co., Ltd.                      | 41.00%           |
| goodsCORE Co., Ltd.  | Korea       | Business Support Service Industry                                | goodsFLOW Co., Ltd.                      | 100.00%          |
| goodsPOST Co., Ltd.  | Korea       | Transportation industry  | goodsFLOW Co., Ltd.                      | 100.00%          |
| SK Geo Centric Co., Ltd.   | Korea       | Chemicals manufacturing and sales                                | SK Innovation Co., Ltd.                  | 100.00%          |
| SK Geo Centric (Beijing) Holding Co., Ltd.   | China       | Investment   | SK Geo Centric Co., Ltd.                 | 100.00%          |
| (formerly, SK Global Chemical (China) Holding Co., Ltd.)   |             |  |  |                  |
| SK Geo Centric China, Ltd.   | Hong Kong   | Investment   | SK Geo Centric Co., Ltd.                 | 100.00%          |
| Sino-Korea Green New Material (JiangSu) Ltd.   | China       | Petrochemicals manufacture and sales                             | SK Geo Centric China, Ltd.               | 100.00%          |
| SK Geo Centric International Trading (Shanghai) Co., Ltd. (formerly, SK Global Chemical International Trading (Shanghai) Co., Ltd.)      | China       | Petrochemicals sales   | SK Geo Centric China, Ltd.               | 100.00%          |
| SK Geo Centric International Trading (Guangzhou) Co., Ltd.<br>(formerly, SK Global Chemical International Trading (Guangzhou) Co., Ltd.) | China       | Petrochemicals sales   | SK Geo Centric China, Ltd.               | 100.00%          |
| SK GC Americas, Inc.   | USA         | Petrochemicals sales   | SK Geo Centric Co., Ltd.                 | 100.00%          |
| SK Primacor Americas LLC   | USA         | Petrochemicals manufacture and sales                             | SK GC Americas, Inc.                     | 100.00%          |
| SK Primacor Europe, S.L.U.   | Spain       | Petrochemicals manufacture and sales                             | SK GC Americas, Inc.                     | 100.00%          |
| SK Saran Americas LLC  | USA         | Petrochemicals manufacture and sales                             | SK GC Americas, Inc.                     | 100.00%          |
| SK Geo Centric Brazil LTDA   | Brazil      | Petrochemicals sales   | SK GC Americas, Inc.                     | 100.00%          |
| SK Geo Centric Japan Co., Ltd.   | Japan       | Petrochemicals sales   | SK Geo Centric Co., Ltd.                 | 100.00%          |
| SK Geo Centric Singapore Pte. Ltd.   | Singapore   | Petrochemicals sales   | SK Geo Centric Co., Ltd.                 | 100.00%          |
| SK Geo Centric Investment Hong Kong Ltd.   | Hong Kong   | Investment   | SK Geo Centric Co., Ltd.                 | 100.00%          |
| Ningbo SK Performance Rubber Co., Ltd.   | China       | Manufacturing  | SK Geo Centric Investment Hong Kong Ltd. | 80.00%           |
| Happymoeum Co., Ltd.   | Korea       | Service  | SK Geo Centric Co., Ltd.                 | 100.00%          |
| SK Functional Polymer, S.A.S   | France      | Petrochemicals manufacture and sales                             | SK Geo Centric Co., Ltd.                 | 100.00%          |
| Green & Connect Capital, Inc.  | USA         | Investment   | SK Geo Centric Co., Ltd.                 | 100.00%          |
| Won Poll Co., Ltd.   | Korea       | Petrochemicals manufacture and sales                             | SK Geo Centric Co., Ltd.                 | 100.00%          |
| SK Incheon Petrochem Co., Ltd.   | Korea       | Chemicals manufacturing and sales                                | SK Innovation Co., Ltd.                  | 100.00%          |
| SK Trading International Co., Ltd.   | Korea       | Trading business   | SK Innovation Co., Ltd.                  | 100.00%          |
| SK Energy International Pte. Ltd.  | Singapore   | Trading business   | SK Trading International Co., Ltd.       | 100.00%          |
| SK Energy Europe, Ltd.   | UK          | Trading business   | SK Energy International Pte. Ltd.        | 100.00%          |
| SK Energy Americas, Inc.   | USA         | Trading business   | SK Energy International Pte. Ltd.        | 100.00%          |
| SK Terminal B.V.   | Netherlands | Investment   | SK Energy International Pte. Ltd.        | 100.00%          |
| SK Enmove Co., Ltd.<br>(formerly, SK Lubricants Co., Ltd.)   | Korea       | Lubricants oil manufacturing and sales                           | SK Innovation Co., Ltd.                  | 60.00%           |
| Yubase Manufacturing Asia Corporation  | Korea       | Lubricants oil processing  | SK Enmove Co., Ltd.                      | 70.00%           |
| SK Energy Lubricants (Tianjin) Co., Ltd.   | China       | Lubricants oil manufacturing and sales                           | SK Enmove Co., Ltd.                      | 100.00%          |
| SK Lubricants Americas, Inc.   | USA         | Lubricants oil sales   | SK Enmove Co., Ltd.                      | 100.00%          |
| SK Lubricants Europe B.V.  | Netherlands | Lubricants oil sales   | SK Enmove Co., Ltd.                      | 100.00%          |
| SK Lubricants Japan Co., Ltd.  | Japan       | Lubricants oil sales   | SK Enmove Co., Ltd.                      | 100.00%          |
| SK Enmove India Pvt. Ltd.  | India       | Lubricants oil sales   | SK Enmove Co., Ltd.                      | 100.00%          |
| (formerly, SK Lubricants & Oils India Pvt. Ltd.)   |             |  |  |                  |
| Iberian Lube Base Oils Company, S.A.   | Spain       | Lubricants oil manufacturing and sales                           | SK Enmove Co., Ltd.                      | 70.00%           |
| SK Lubricants Russia, LLC  | Russia      | Lubricants oil sales   | SK Enmove Co., Ltd.                      | 100.00%          |
|  |             |  |  |                  |

|  |                                  |   |   | Equity ownership             |
|--|----------------------------------|---|---|------------------------------|
| Sk ie technology Co., Ltd.   | <u>Domicile</u><br>Korea         | Principal business activity  Manufacture of Separators for  | The largest shareholders SK Innovation Co., Ltd.                                  | (*1)<br>61.20%               |
| SK Hi-tech Battery Materials(Jiang Su) Co., Ltd.   | China                            | secondary Cells Manufacture of Separators for   | SK ie technology Co., Ltd.  | 100.00%                      |
| SK Hi-tech Battery Materials Poland Sp. Zo.o.  | Poland                           | secondary Cells<br>Manufacture of Separators for  | SK ie technology Co., Ltd.  | 100.00%                      |
| SK Innovation Insurance (Bermuda), Ltd. SK USA, Inc.   | Bermuda<br>USA                   | secondary Cells Insurance Management consulting services  | SK Innovation Co., Ltd.<br>SK Innovation Co., Ltd.                                | 100.00%<br>100.00%           |
| Blue Dragon Energy Co., Limited.   | Hong Kong                        | battery manufacturing<br>Investment   | SK Innovation Co., Ltd.   | 100.00%                      |
| Happy Kium Co., Ltd.   | Korea                            | Service   | SK Innovation Co., Ltd.   | 100.00%                      |
| SK On Co., Ltd.<br>SK On Hungary Kft.  | Korea<br>Hungary                 | Lithium battery manufacturing<br>Lithium battery manufacturing  | SK Innovation Co., Ltd.<br>SK On Co., Ltd.  | 96.54%<br>100.00%            |
| SK On(Jiangsu) Co., Ltd.   | China                            | Lithium battery manufacturing   | SK On Co., Ltd.   | 70.04%                       |
| SK On(Yancheng) Co., Ltd.<br>SK Battery America, Inc.  | China<br>USA                     | Lithium battery manufacturing<br>Lithium battery manufacturing  | SK On Co., Ltd.<br>SK On Co., Ltd.  | 100.00%<br>100.00%           |
| BlueOval SK, LLC (*2)  | USA                              | Lithium battery manufacturing   | SK Battery America, Inc.  | 50.00%                       |
| SK Battery Manufacturing Kft.  | Hungary                          | Lithium battery manufacturing   | SK On Co., Ltd.   | 100.00%                      |
| SK On (Shanghai) Co., Ltd.<br>(formerly, SK Future Energy (Shanghai) Co., Ltd.)                                  | China                            | Lithium battery manufacturing   | SK On Co., Ltd.   | 100.00%                      |
| SK Mobile Energy Co., Ltd.   | Korea                            | Lithium battery manufacturing   | SK On Co., Ltd.   | 100.00%                      |
| Yancheng Yandu District M Energy Consulting Limited Company<br>Mobile Energy Battery America, LLC                | China<br>USA                     | Service / manufacturing service Lithium battery manufacturing   | SK Mobile Energy Co., Ltd.<br>SK Mobile Energy Co., Ltd.                          | 100.00%<br>100.00%           |
| Happy Mideum Co., Ltd.   | Korea                            | Service   | SK On Co., Ltd.   | 100.00%                      |
| SK on Certification Center (Jiangsu) Co., Ltd.   | China                            | Lithium cell certification  | SK On Co., Ltd.   | 100.00%                      |
| (formerly, Jiangsu SK Battery Certification Center) SK Earthon Co., Ltd.   | Korea                            | Oil development   | SK Innovation Co., Ltd.   | 100.00%                      |
| SK Innovation America, Inc.  | USA                              | Investment  | SK Innovation Co., Ltd.   | 100.00%                      |
| Grove Energy Capital IV, LLC   | USA                              | Investment  | SK Innovation America, Inc.   | 100.00%                      |
| SK Telecom Co., Ltd. (*2)  | Korea                            | Mobile telecommunications   | SK Inc.   | 30.01%                       |
| SK Telink Co., Ltd.<br>SK Broadband Co., Ltd.  | Korea<br>Korea                   | International call and MVNO business Wire communications  | SK Telecom Co., Ltd.<br>SK Telecom Co., Ltd.                                      | 100.00%<br>74.38%            |
| Home&Service Co., Ltd.   | Korea                            | Information and communication facilities  | SK Broadband Co., Ltd.  | 100.00%                      |
|  |                                  | management business   |   |                              |
| Media S Co., Ltd.  | Korea                            | Broadcasting program production   | SK Broadband Co., Ltd.  | 100.00%                      |
| SK Stoa Co., Ltd. PS&Marketing Corp  | Korea<br>Korea                   | Other resale communication business Resale communication business   | SK Telecom Co., Ltd.<br>SK Telecom Co., Ltd.                                      | 100.00%<br>100.00%           |
| SK M & Service Co., Ltd.   | Korea                            | Providing databases and online information  |   | 100.00%                      |
| Service Ace Co., Ltd.  | Korea                            | Call center and telemarketing business  | SK Telecom Co., Ltd.  | 100.00%                      |
| Service Top Co., Ltd.  | Korea                            | Call center and telemarketing business  | SK Telecom Co., Ltd.  | 100.00%                      |
| SK O&S Co., Ltd. SK Communications Co., Ltd.   | Korea<br>Korea                   | Maintenance management Internet portal service  | SK Telecom Co., Ltd.<br>SK Telecom Co., Ltd.                                      | 100.00%<br>100.00%           |
| Quantum Innovation Private Equity Joint Venture  | Korea                            | Investment  | SK Telecom Co., Ltd.  | 59.90%                       |
| Panasia Semiconductor Materials, LLC   | Korea                            | Investment  | Quantum Innovation Private Equity Joint Venture                                   | 66.42%                       |
| SK Telecom China Holding Co., Ltd.   | China                            | Holding company   | SK Telecom Co., Ltd.  | 100.00%                      |
| SK Global Healthcare Business Group, Ltd.  | Hong Kong                        | Investment  | SK Telecom Co., Ltd.  | 100.00%                      |
| SK Telecom Americas, Inc. YTK Investment, Ltd.   | USA<br>Cayman                    | Management consulting Investment  | SK Telecom Co., Ltd.<br>SK Telecom Co., Ltd.                                      | 100.00%<br>100.00%           |
| Atlas Investment, Ltd.   | Cayman                           | Investment  | SK Telecom Co., Ltd.  | 100.00%                      |
| SK Telecom Innovation Fund, L.P.   | USA                              | Investment  | Atlas Investment, Ltd.  | 100.00%                      |
| SK Telecom China Fund I L.P.   | Cayman                           | Investment  | Atlas Investment, Ltd.  | 100.00%                      |
| SK Telecom Japan Inc.  | Japan                            | Management consulting<br>and information gathering  | SK Telecom Co., Ltd.  | 100.00%                      |
| SK Planet Japan, K. K.   | Japan                            | Digital contents sourcing and presenting  | SK Telecom Japan Inc.   | 79.78%                       |
| Happy Hanool Co., Ltd.   | Korea                            | Service   | SK Telecom Co., Ltd.  | 100.00%                      |
| SK MENA Investment B.V.  | Netherlands                      | Investment  | SK Telecom Co., Ltd.  | 100.00%                      |
| SK Latin America Investment S.A. Freedom Circle Capital, Inc   | Spain<br>USA                     | Investment<br>Investment  | SK Telecom Co., Ltd. SK Latin America Investment S.A.                             | 100.00%<br>100.00%           |
| Montague ESG Capital, LLC  | USA                              | Investment  | Freedom Circle Capital, Inc   | 100.00%                      |
| SK Technology Innovation Company   | Cayman                           | Research and development  | SK Telecom Co., Ltd.  | 96.88%                       |
| Sapeon Inc.  | USA                              | Non-memory and others Electronic  | SK Telecom Co., Ltd.  | 75.01%                       |
| SAPEON Korea Inc.  | Korea                            | Integrated circuit manufacturing Non-memory and others Electronic Integrated circuit manufacturing                                    | Sapeon Inc.   | 100.00%                      |
| SK Square Co., Ltd. (*2)   | Korea                            | Holding company   | SK Inc.   | 30.01%                       |
| Onestore Co., Ltd. (*2)  | Korea                            | Telecommunication service   | SK Square Co., Ltd.   | 47.49%                       |
| Rokeu Media Co., Ltd.  | Korea                            | Publication and telemarketing   | One store Co., Ltd.   | 100.00%                      |
| Onestore Global Pte. Ltd.<br>11street Co., Ltd. (*3)   | Singapore<br>Korea               | Internet Information Mediation Service E-commerce   | One store Co., Ltd.<br>SK Square Co., Ltd.  | 100.00%<br>98.10%            |
| SK Shieldus Co., Ltd.  | Korea                            | Information security service and automatic security   | SK Square Co., Ltd.   | 63.13%                       |
| CAPSTEC Co., Ltd.  | Korea                            | Manned security   | SK Shieldus Co., Ltd.   | 100.00%                      |
| Infosec Information Technology (Wuxi) Co., Ltd.<br>(formerly, SKinfosec Information Technology (Wuxi) Co., Ltd.) | China                            | System software development and supplying   | SK Shieldus Co., Ltd.   | 100.00%                      |
| SK Shieldus America, Inc.<br>(formerly, CAPS America Inc.)   | USA                              | System software development and supplying   | SK Shieldus Co., Ltd.   | 100.00%                      |
| SK Planet Co., Ltd.  | Korea                            | Telecommunication service and system software development and supplying   | SK Square Co., Ltd.   | 98.65%<br>100.00%            |
|  |                                  | Holding company   | SK Planet Co., Ltd.   |                              |
| SK Planet Global Holdings Pte, Ltd. SK Planet, Inc.  | Singapore<br>USA                 | Mobile Solutions presenting   | SK Planet Co., Ltd.   | 100.00%                      |
| SK Planet, Inc. SCODYS Pte. Ltd.   | Singapore<br>USA<br>Singapore    | Mobile Solutions presenting Virtual currency creation and presenting  | SK Planet Co., Ltd.<br>SK Planet, Inc.  | 100.00%<br>100.00%           |
| SK Planet, Inc. SCODYS Pte. Ltd. SK Square Americas, Inc   | USA<br>Singapore<br>USA          | Virtual currency creation and presenting<br>Investment  | SK Planet, Inc.<br>SK Square Co., Ltd.  | 100.00%<br>100.00%           |
| SK Planet, Inc. SCODYS Pte. Ltd. SK Square Americas, Inc Dreamus Company Co., Ltd. (*2,4)                        | USA<br>Singapore<br>USA<br>Korea | Virtual currency creation and presenting<br>Investment<br>Video and audio equipment<br>manufacturing                                  | SK Planet, Inc.<br>SK Square Co., Ltd.<br>SK Square Co., Ltd.                     | 100.00%<br>100.00%<br>51.44% |
| SK Planet, Inc. SCODYS Pte. Ltd. SK Square Americas, Inc Dreamus Company Co., Ltd. (*2,4) Iriver Enterprise Ltd. | USA<br>Singapore<br>USA<br>Korea | Virtual currency creation and presenting<br>Investment<br>Video and audio equipment<br>manufacturing<br>Chinese subsidiary management | SK Planet, Inc. SK Square Co., Ltd. SK Square Co., Ltd. Dreamus Company Co., Ltd. | 100.00%<br>100.00%<br>51.44% |
| SK Planet, Inc. SCODYS Pte. Ltd. SK Square Americas, Inc Dreamus Company Co., Ltd. (*2,4)                        | USA<br>Singapore<br>USA<br>Korea | Virtual currency creation and presenting<br>Investment<br>Video and audio equipment<br>manufacturing                                  | SK Planet, Inc.<br>SK Square Co., Ltd.<br>SK Square Co., Ltd.                     | 100.00%<br>100.00%<br>51.44% |

|   |                      |  |   | Equity<br>Ownership |
|---|----------------------|--|---|---------------------|
| Subsidiaries Studio Polatic Co. Ltd.  | Domicile             | Principal business activity  | The largest shareholders  | (*1)                |
| Studio Dolphin Co., Ltd.<br>Id Quantique SA   | Korea<br>Swiss       | Publishing Quantum information and communication business                            | Dreamus Company Co., Ltd.<br>SK Square Co., Ltd.                | 100.00%<br>64.40%   |
| Id Quantique Ltd.   | Korea                | Quantum information and communication business                                       | ld Quantique SA   | 100.00%             |
| ID Quantique Limited, UK  | UK                   | Quantum information and communication  | Id Quantique SA   | 100.00%             |
| ID Quantique Inc, USA   | USA                  | Quantum information and communication  | Id Quantique SA   | 100.00%             |
| ID Quantique Europe GmbH  | Austria              | Quantum information and communication  | Id Quantique SA   | 100.00%             |
| Alice und Bob Privatstiftung  | Austria              | System software development and<br>supplying   | Id Quantique SA   | 100.00%             |
| FSK L&S Co., Ltd.   | Korea                | Cargo transport shipment and logistics consulting project                            | SK Square Co., Ltd.   | 60.00%              |
| FSK L&S(Shanghai) Co., Ltd.   | China                | Transportation industry  | FSK L&S Co., Ltd.   | 100.00%             |
| FSK L&S(Hungary) Co., Ltd.  | Hungary              | Transportation industry  | FSK L&S Co., Ltd.   | 100.00%             |
| FSK L&S Vietnam Co., Ltd.   | Vietnam              | Transportation industry  | FSK L&S Co., Ltd.   | 100.00%             |
| FSK L&S(Jiangsu) Co., Ltd.  | China                | Transportation industry  | FSK L&S Co., Ltd.   | 100.00%             |
| FSK L&S USA, Inc.   | USA                  | International freight forwarding industry  | FSK L&S Co., Ltd.   | 100.00%             |
| Incross Co., Ltd. (*2)  | Korea                | Media agency   | SK Square Co., Ltd.   | 36.06%              |
| Infra Communications Co., Ltd.  | Korea                | Service operation business   | Incross Co., Ltd.   | 100.00%             |
| Mindknock Co., Ltd.   | Korea                | Software development   | Incross Co., Ltd.   | 100.00%             |
| Solution Co., Ltd.  | Korea                | Software development and presenting  | Incross Co., Ltd.   | 100.00%             |
| Tmap Mobility Co., Ltd.<br>YLP Inc.   | Korea<br>Korea       | Information and communication industry<br>Cargo transport shipment business          | SK Square Co., Ltd.<br>Tmap Mobility Co., Ltd.                  | 62.45%<br>100.00%   |
| Good service Co., Ltd.  | Korea                | Driving agency service   | Tmap Mobility Co., Ltd.   | 100.00%             |
| Seoul Airbus Co., Ltd.  | Korea                | Transportation industry  | Tmap Mobility Co., Ltd.   | 100.00%             |
| LOGISOFT.CO.LTD.  | Korea                | Software development and presenting  | Tmap Mobility Co., Ltd.   | 100.00%             |
| SK Networks Co., Ltd. (*2)  | Korea                | Distribution and trading business  | SK Inc.   | 39.14%              |
| SK Networks Service Co., Ltd.   | Korea                | Equipment repair service   | SK Networks Co., Ltd.   | 86.50%              |
| SK Magic Co., Ltd.  | Korea                | Household appliances manufacturing, sales and rent                                   | SK Networks Co., Ltd.   | 100.00%             |
| SK Magic Service Co., Ltd.  | Korea                | House appliances repair and others   | SK Magic Co., Ltd.  | 100.00%             |
| SK Magic Vietnam Company Limited  | Vietnam              | Household appliances sales and rent  | SK Magic Co., Ltd.  | 100.00%             |
| SK Magic Retails Malaysia Sdn. Bhd.<br>(formerly, SK Networks Retails Malaysia Sdn. Bhd.) | Malaysia             | Household appliances sales and rent  | SK Magic Co., Ltd.  | 100.00%             |
| SK Rent-a-Car Co., Ltd.   | Korea                | Car rental   | SK Networks Co., Ltd.   | 72.95%              |
| SK Rent-a-Car Service Co., Ltd.   | Korea                | Business support services  | SK Rent-a-Car Co., Ltd.   | 100.00%             |
| SK Networks (Shanghai) Co., Ltd.  | China                | Trading business   | SK Networks Co., Ltd.   | 100.00%             |
| POSK (Pinghu) Steel Processing Center Co., Ltd.   | China                | Steel processing and sales   | SK Networks Co., Ltd.   | 80.00%              |
| SK Networks Japan Co., Ltd.   | Japan                | Trading business   | SK Networks Co., Ltd.   | 100.00%             |
| SK Networks Deutschland GmbH  | Germany              | Trading business   | SK Networks Co., Ltd.   | 100.00%             |
| SK BRASIL LTDA  | Brazil               | Trading business   | SK Networks Co., Ltd.   | 100.00%             |
| SK Networks Trading Malaysia Sdn. Bhd.  | Malaysia             | Trading business   | SK Networks Co., Ltd.   | 100.00%             |
| SK Networks America, Inc.   | USA                  | Trading business   | SK Networks Co., Ltd.   | 100.00%             |
| Networks Tejarat Pars<br>MINTIT Co., Ltd.   | Iran<br>Korea        | Trading business Wholesale and commodity brokerage                                   | SK Networks Co., Ltd.<br>SK Networks Co., Ltd.                  | 100.00%<br>100.00%  |
| MINTIT CO., Etd.  | Vietnam              | Manufacturing and sales business   | MINTIT Co., Ltd.  | 100.00%             |
| Hico Capital LLC (formerly,TenX Capital)  | USA                  | Investment   | SK Networks Co., Ltd.   | 100.00%             |
| SK Networks Hong Kong Ltd.  | Hong Kong            | Trading business   | SK Networks Co., Ltd.   | 100.00%             |
| SK Networks (Xiamen) Steel Processing Center Co., Ltd.                                    | China                | Steel processing and sales   | SK Networks Hong Kong Ltd.                                      | 100.00%             |
| SK Networks Resources Australia (Wyong) Pty Ltd. (*5)                                     | Australia            | Resource development   | SK Networks Co., Ltd.   | 100.00%             |
| SK Networks Resources Pty Ltd. (*5)   | Australia            | Resource development   | SK Networks Co., Ltd.   | 100.00%             |
| SK Networks (China) Holdings Co., Ltd. (*5)<br>Shenyang SK Bus Terminal Co., Ltd. (*5)    | China<br>China       | Holding company Bus terminal business  | SK Networks Co., Ltd.<br>SK Networks (China) Holdings Co., Ltd. | 100.00%<br>75.00%   |
| SK Networks (Dandong) Energy Co., Ltd. (*5)   | China                | Petroleum sales  | SK Networks (China) Holdings Co., Ltd.                          | 100.00%             |
| Cartini Co., Ltd.   | Korea                | E-commerce retail business   | SK Networks Co., Ltd.   | 100.00%             |
| SKC Co., Ltd. (*2)  | Korea                | Petrochemicals manufacturing   | SK Inc.   | 40.64%              |
| Woori Fine Chem Co., Ltd.   | Korea                | Petrochemicals manufacturing   | SKC Co., Ltd.   | 100.00%             |
| SK Telesys Co., Ltd.  | Korea                | Communications equipment<br>manufacturing and sales                                  | SKC Co., Ltd.   | 81.40%              |
| Techdream Co., Ltd.   | Hong Kong            | Semiconductor component  | SK Telesys Co., Ltd.  | 100.00%             |
| SK Telesys Corp. SK Enpulse Co., Ltd. (formerly, SKC Solmics Co., Ltd.)                   | USA<br>Korea         | Manufacturing Manufacturing and sales of semiconductor                               | SK Telesys Co., Ltd.<br>SKC Co., Ltd.                           | 100.00%<br>100.00%  |
| Solmics Taiwan Co., Ltd.  | Taiwan               | parts, materials and others<br>Sales of semiconductor parts,<br>materials and others | SK enpulse Co., Ltd.  | 100.00%             |
| Solmics Shanghai Co., Ltd.  | China                | Sales of semiconductor parts, materials and others                                   | SK enpulse Co., Ltd.  | 100.00%             |
| SKC Solmics Hong kong Co., Ltd.   | Hong Kong            | SPC  | SK enpulse Co., Ltd.  | 100.00%             |
| SKC Semiconductor Materials (Wuxi) Co., Ltd.  | China                | Sales of semiconductor parts,<br>materials and others                                | SKC Solmics Hong kong Co., Ltd.                                 | 100.00%             |
| SKC-ENF Electronic Materials Ltd.   | Hong Kong            | SPC  | SK enpulse Co., Ltd.  | 75.10%              |
| SKC (Nantong) Semiconductor Materials Technology Co., Ltd.                                | China                | Manufacturing of synthetic resins  | SKC-ENF Electronic Materials Ltd.                               | 100.00%             |
| SE (JIANGSU) Electronic Materials Co., Ltd.   | China                | Manufacturing of synthetic resins  | SKC-ENF Electronic Materials Ltd.                               | 100.00%             |
| SKC PU Specialty Co., Ltd. SKC (Nantong) PU Specialty Co., Ltd.                           | Hong Kong<br>China   | SPC<br>PU Jounce Bumper  | SKC Co., Ltd.<br>SKC PU Specialty Co., Ltd.                     | 100.00%<br>100.00%  |
| SK PIC Global Co. Ltd   | Vorce                | manufacturing and sales PG and PO manufacturing and sales                            | SKC Co. Ltd   | E4 000/             |
| SK PIC Global Co., Ltd.<br>SKCFTH Co., Ltd.   | Korea<br>Korea       | PG and PO manufacturing and sales  Manufacturing of battery foil and others          | SKC Co., Ltd.<br>SKC Co., Ltd.                                  | 51.00%<br>100.00%   |
| SK Nexilis Co., Ltd.  | Korea                | Manufacturing of battery foil and others   | SKCFTH Co., Ltd.  | 100.00%             |
| Nexilis Management Malaysia Sdn. Bhd.   | Malaysia             | SPC  | SK Nexilis Co., Ltd.  | 100.00%             |
| SK Nexilis Malaysia Sdn. Bhd.   | Malaysia             | Manufacturing of battery foil  | Nexilis Management Malaysia Sdn. Bhd.                           | 100.00%             |
| SK Nexilis Poland Sp.z o.o.   | Poland               | Manufacturing of battery foil  | SK Nexilis Co., Ltd.  | 100.00%             |
| NEXILIS MANAGEMENT EUROPE B.V.(*2, 6)<br>SK TBMGEOSTONE Co., Ltd.                         | Netherlands<br>Korea | SPC Manufacturing of biodegradable LIMEX   | SK Nexilis Co., Ltd.<br>SKC Co., Ltd.                           | 0.00%<br>51.00%     |
| Allnewone Co., Ltd.   | Korea                | Research and development   | SKC Co., Ltd.   | 100.00%             |
|   |                      | of waste recycling   |   |                     |
| Ecovance Co. Ltd.   | Korea                | Manufacturing of biodegradable<br>plastic materials and others                       | SKC Co., Ltd.   | 73.19%              |

| Process   Proc   |  |          |                                   |   | Equity  |
|--|--|----------|-----------------------------------|---|---------|
|  | Subsidiaries   | Domicile | Principal business activity       |   |         |
| Sk Papers (E. D. 12.   19.000   19.00   |  | Korea    | Manufacturing and sales of Polyol | SKC Co., Ltd.                                   | 100.00% |
| SK Purpose (MA)  | SK Pucore Europe sp. zo.o.                                   | Poland   | Manufacturing and sales of Polyol | SK pucore Co., Ltd.                             | 100.00% |
| SK PLOSE NOTICES   SK PLUE OF CO. 16.   0.00076  | SK Pucore USA Inc.   | USA      | Manufacturing and sales of Polyol | SK pucore Co., Ltd.                             | 100.00% |
| Separation files Prict   List  | SK Pucore Mexico, S. de R.L. de C.V.                         | Mexico   | Manufacturing and sales of Polyol | SK pucore Co., Ltd.                             | 100.00% |
| Separate    | SK Pucore India Pvt. Ltd.                                    | India    | Manufacturing and sales of Polyol | SK pucore Co., Ltd.                             | 100.00% |
|  |  | Russia   | Manufacturing and sales of Polyol | SK pucore Co., Ltd.                             | 100.00% |
| NEX. LIF. Notings Limited  | (formerly, MCNS Polyurethanes RUS Limited Liability Company) |          | -                                 | •   |         |
| Section   Sect   | NEX UK Holdings Limited                                      | UK       | SPC                               | NEX Investment Limited                          | 51.00%  |
| Processing   | Absolics Inc.  | USA      | glass substrates                  | SKC Co., Ltd.                                   | 80.58%  |
| Kangson City Gas Co. Ltd.  | SK E&S Co., Ltd.   | Korea    |                                   | SK Inc.   | 90.00%  |
| Roome   Ferry   Service Co., Ltd.   Roome   City   See business   SE EAS Co., Ltd.   100,00%   Roome   City   See business   See EAS Co., Ltd.   100,00%   Roome   City   See EAS Co., Ltd.   100,00%     |  |          | City gas business                 |   |         |
| Pase   City   See bearines   |  |          |                                   |   |         |
| Jacobush Ferrory Service Co., Ltd.   |  |          |                                   |   |         |
| Chemistry Co.   Ltd.   Co.   Ltd.   Co.   Ltd.   Co.   Co.   Co.   Ltd.   Co.   Co.   Co.   Co.   Ltd.   Co.   Co   |  |          | City gas business                 |   |         |
| Page   Energy Service Co. 1.85.  |  |          |                                   |   |         |
| Shriampengio Smitght Co., Ltd.   Korae   Nov rispensation project   SK E&S Co., Ltd.   100,00%   SK E&S Ahmerican, Inc.   100,00%   SK E&S Ahmerican, Inc.   100,00%   SK E&S Ahmerican, Inc.   100,00%   10   |  |          |                                   |   |         |
| SK E&S Authors   Pt. L.  |  |          |                                   |   |         |
| SK ESS Americas, Inc.  |  |          |                                   |   |         |
| Energy Solution Holdings Inc.   USA   Investment   SK EES Americas, Inc.   100.00%   |  |          |                                   |   |         |
| LA COS. LLC  USA  Developmen Ferrory LC  USA  Developmen Ferrory LC  USA  Not regent relief register.  USA  Mobility Solution Inc.  USA  Holding Company  Holdi |  | USA      | Investment                        |   | 100.00% |
| DevBlaine Energy, LLC  |  |          |                                   |   |         |
| Passkey, Inc.   USA   New regeneration project   St. E&S.Americas, Inc.   100.00%   Nobelly Solution I Inc.   USA   Hobding Company   Passkey, Inc.   100.00%   Nobelly Solution I Inc.   USA   Hobding Company   Passkey, Inc.   100.00%   Nobelly Solution I Inc.   100.00%   Nobelly    |  |          | Investment Projects               |   |         |
| Mobility Solution Inc.   |  |          |                                   |   |         |
| EverCharge Services, LLC   | Mobility Solution I Inc.                                     | USA      | Holding Company                   | Passkey, Inc.                                   | 91.37%  |
| Press Investments, LLC   |  |          |                                   |   |         |
| Pees Newterments, LLC  | EverCharge Services, LLC                                     | USA      |                                   | EverCharge, Inc.                                | 100.00% |
| Grid Soulton, LLC USA New regeneration business Rose Frieddings, LLC USA Energy solution Grid Soulton, LLC 97.99% KCE Global Holdings, LLC USA Energy solution Key Capture Energy, LLC USA Energy solu |  |          | Investment                        |   |         |
| KCÉ GAID Holdings, LLC  USA Energy solution Koc Capture Energy, LLC USA Energy solution Koc Capture Energy, LL |  |          |                                   |   |         |
| KCE PH Joldings (DCT , LLC   |  |          |                                   |   |         |
| CCE N1   LLC   |  | USA      |                                   |   |         |
| KCE NY 3, LLC  USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 6, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 6, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 6, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 6, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 1, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 1, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 14, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 14, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 18, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 18, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 18, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 22, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 23, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 24, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 24, LLC USA Energy solution Key Cap |  |          |                                   |   |         |
| KCE NY 6, LLC  USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 8, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 11, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 11, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 11, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 12, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 18, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 18, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 22, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 22, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 26, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 26, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 26, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 29, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 29, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 29, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 29, LLC USA Energy solution Ke | KCE NY 2, LLC  | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
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| KCE NY 10, LLC   | KCE NY 6, LLC  |          | Energy solution                   | Key Capture Energy, LLC                         |         |
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| KCE NY 19, LLC   | KCE NY 14, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE NY 21, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 26, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 27, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 27, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 28, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 29, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 32, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 33, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 33, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE NY 33, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 2, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 3, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 8, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 10, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 10, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 11, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 11, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 11, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 11, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 11, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 11, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100,00% KCE TX 12, LLC USA Energy solution Key  |  |          |                                   |   |         |
| KCE NY 26, LLC   | KCE NY 21, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         |         |
| KCE NY 28, LLC   | KCE NY 26, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE NY 29, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 33, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE NY 33, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 2, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 8, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 8, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 9, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 10, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 11, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 11, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 14, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 14, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 14, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 14, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 15, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 15, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 19, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 19, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 19, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 12, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 22, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 22, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 21, LLC USA Energy solution Key Capture Energy, LLC 100.00% KCE TX 22, LLC USA Energy solution Key C |  |          |                                   |   |         |
| KCE TX 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 10, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 11, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 12, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 13, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 14, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 16, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 16, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 19, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00% </td <td>KCE NY 29, LLC</td> <td>USA</td> <td>Energy solution</td> <td>Key Capture Energy, LLC</td> <td>100.00%</td>   | KCE NY 29, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE TX 7, LLC  |  |          |                                   |   |         |
| KCE TX 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 9, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 10, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 12, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 13, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 14, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 15, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 16, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 19, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 19, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 21, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 22, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  | KCE TX 2, LLC  | USA      | Energy solution                   | Key Capture Energy, LLC                         |         |
| KCE TX 9, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 10, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 11, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 13, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 14, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 15, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 16, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 19, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 21, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 21, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 22, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%   |  |          |                                   |   |         |
| KCE TX 11, LLC KCE TX 12, LLC KCE TX 12, LLC KCE TX 13, LLC USA Energy solution Key Capture Energy, LLC Energy, LLC Energy solution Key Capture Energy, LLC Energy solution Key Capture Energy, LLC Energy, LLC Energy solution Key Capture Energy, LLC En |  |          |                                   |   |         |
| KCE TX 13, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 14, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 15, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 16, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 20, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 21, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 22, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 25, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 26, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  | KCE TX 11, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE TX 14, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 15, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 16, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 19, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 20, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 21, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 28, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  |  |          |                                   |   |         |
| KCE TX 16, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 19, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 20, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 21, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 22, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 25, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 26, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 28, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 1, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  | KCE TX 14, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE TX 19, LLC         USA         Energy solution         Keý Capture Energy, LLC         100.00%           KCE TX 20, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 21, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 25, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 28, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 5, LC         USA         Energy solution         Key Capture Energy, LLC         100.00% </td <td></td> <td></td> <td></td> <td>Key Capture Energy, LLC Key Capture Energy, LLC</td> <td></td>  |  |          |                                   | Key Capture Energy, LLC Key Capture Energy, LLC |         |
| KCE TX 21, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 22, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 25, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 1, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 3, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00% <td>KCE TX 19, LLC</td> <td>USA</td> <td>Energy solution</td> <td>Key Capture Energy, LLC</td> <td>100.00%</td>   | KCE TX 19, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE TX 22, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 24, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 25, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 28, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 28, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 1, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 3, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 5, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00% <td></td> <td></td> <td></td> <td></td> <td></td>  |  |          |                                   |   |         |
| KCE TX 25, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 26, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT X 28, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 1, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 3, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 5, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  | KCE TX 22, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE TX 27, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE TX 28, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 1, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 5, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  | KCE TX 25, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE TX 28, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 1, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 4, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 5, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%   |  |          |                                   |   |         |
| KCE CT 2, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 4, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 5, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  | KCE TX 28, LLC   | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE CT 4, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 5, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  |  |          |                                   |   |         |
| KCE CT 6, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  | KCE CT 4, LLC  | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
| KCE CT 7, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%           KCE CT 8, LLC         USA         Energy solution         Key Capture Energy, LLC         100.00%  |  | USA      |                                   | Key Capture Energy, LLC                         |         |
|  | KCE CT 7, LLC  | USA      | Energy solution                   | Key Capture Energy, LLC                         | 100.00% |
|  |  |          |                                   |   |         |

|   |                        |   |  | Equity ownership   |
|---|------------------------|---|--|--------------------|
| Subsidiaries  | Domicile               | Principal business activity   | The largest shareholders   | <u>(*1)</u>        |
| KCE CT 10, LLC  | USA                    | Energy solution Energy solution   | Key Capture Energy, LLC<br>Key Capture Energy, LLC   | 100.00%            |
| KCE MD 1, LLC<br>KCE MI 1, LLC  | USA<br>USA             | Energy solution Energy solution   | Key Capture Energy, LLC<br>Key Capture Energy, LLC   | 100.00%<br>100.00% |
| KCE MI 2, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE MI 3, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE MI 4, LLC   | USA<br>USA             | Energy solution Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE ME 1, LLC<br>KCE ME 2, LLC  | USA                    | Energy solution   | Key Capture Energy, LLC<br>Key Capture Energy, LLC   | 100.00%<br>100.00% |
| KCE IL 1, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE IL 2, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE IL 3, LLC   | USA<br>USA             | Energy solution   | Key Capture Energy, LLC  | 100.00%<br>100.00% |
| KCE IN 1, LLC<br>KCE IN 2, LLC  | USA                    | Energy solution<br>Energy solution                                      | Key Capture Energy, LLC<br>Key Capture Energy, LLC   | 100.00%            |
| KCE IN 3, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE IN 4, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE IN 5, LLC<br>KCE OK 1, LLC  | USA<br>USA             | Energy solution Energy solution   | Key Capture Energy, LLC<br>Key Capture Energy, LLC   | 100.00%<br>100.00% |
| KCE OK 1, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE OK 3, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE OK 4, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE IA 1, LLC<br>KCE WI 1, LLC  | USA<br>USA             | Energy solution<br>Energy solution                                      | Key Capture Energy, LLC<br>Key Capture Energy, LLC   | 100.00%<br>100.00% |
| KCE MA 4, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE ID 1, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE ID 2, LLC   | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE ID 3, LLC KCE Brushy Creek Holdings, LLC                                    | USA<br>USA             | Energy solution<br>Energy solution                                      | Key Capture Energy, LLC<br>Key Capture Energy, LLC   | 100.00%<br>100.00% |
| KCE Texas Holdings 2020, LLC  | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| Roughneck Storage LLC D/B/A KCE TX 23, LLC                                      | USA                    | Energy solution   | Key Capture Energy, LLC  | 100.00%            |
| KCE Market Operations, LLC<br>KCE PF Holdings 2022, LLC                         | USA<br>USA             | Energy solution   | Key Capture Energy, LLC<br>Key Capture Energy, LLC   | 100.00%<br>100.00% |
| Grid Solution II, LLC   | USA                    | Energy solution<br>Energy solution                                      | Rnes Holdings, LLC   | 100.00%            |
| Prism Energy International Pte. Ltd.  | Singapore              | LNG business  | SK E&S Co., Ltd.   | 100.00%            |
| Fajar Energy International Pte. Ltd.  | Singapore              | LNG business  | Prism Energy International Pte. Ltd.   | 100.00%            |
| Prism Energy International Hong Kong, Ltd. PT Prism Nusantara International     | Hong Kong<br>Indonesia | LNG business<br>LNG business  | Prism Energy International Pte. Ltd.<br>SK E&S Co., Ltd.                                     | 100.00%<br>100.00% |
| Prism Energy International China Limited  | China                  | LNG business  | SK E&S Co., Ltd.   | 100.00%            |
| Prism Energy International Zhoushan Limited                                     | China                  | LNG business  | Prism Energy International China Limited.  | 100.00%            |
| SK E&S Dominicana S.R.L   | Dominica               | LNG business  | SK E&S Co., Ltd.   | 100.00%            |
| Hae-Ssal Solar Power Co., Ltd. Prism DLNG Pte. Ltd.                             | Korea<br>Singapore     | New regeneration project<br>LNG business                                | SK E&S Co., Ltd. Prism Energy International Pte. Ltd.  | 100.00%<br>100.00% |
| Prism Darwin Pipeline Pty. Ltd.   | Australia              | LNG business  | Prism DLNG Pte. Ltd.   | 100.00%            |
| BU12 Australia Pty. Ltd.  | Australia              | LNG business  | SK E&S Co., Ltd.   | 100.00%            |
| BU13 Australia Pty. Ltd.  | Australia              | LNG business  | SK E&S Co., Ltd.   | 100.00%            |
| Ariul Solar Power Co., Ltd.<br>Busan Jungkwan Energy Co., Ltd.                  | Korea<br>Korea         | New regeneration project<br>Integrated energy service                   | SK E&S Co., Ltd.<br>SK E&S Co., Ltd.   | 100.00%<br>100.00% |
| IGE Co., Ltd.   | Korea                  | Hydrogen business   | SK E&S Co., Ltd.   | 100.00%            |
| Dangjin Haengbok Solar Co., Ltd.  | Korea                  | New regeneration business   | SK E&S Co., Ltd.   | 100.00%            |
| Busaho haengboknanum solar Co., Ltd.  | Korea                  | New regeneration business   | SK E&S Co., Ltd.   | 70.00%             |
| NEW RENEWABLE ENERGY NO.1 Joint Stock Company<br>SK Ecoplant Co., Ltd. (*2)     | Vietnam<br>Korea       | New regeneration business Construction                                  | SK E&S Co., Ltd.<br>SK Inc.  | 99.99%<br>44.48%   |
| Seosuwon Development Company (*2)   | Korea                  | Real estate development   | SK Ecoplant Co., Ltd.  | 19.90%             |
| SKEC Nanjing Co., Ltd.  | China                  | Construction  | SK Ecoplant Co., Ltd.  | 100.00%            |
| Changzhou SKY New Energy Co., Ltd.<br>SKEC (Thai), Ltd.                         | China<br>Thailand      | Construction Construction   | SKEC Nanjing Co., Ltd.<br>SK Ecoplant Co., Ltd.  | 100.00%<br>100.00% |
| Thai Woo Ree Engineering Co., Ltd.  | Thailand               | Construction  | SKEC (Thai), Ltd.  | 99.77%             |
| SKEC Anadolu, LLC   | Turkey                 | Construction  | SK Ecoplant Co., Ltd.  | 100.00%            |
| SK E&C Betek Corporation  | USA                    | Fuel cell and construction  | SK Ecoplant Co., Ltd. SK E&C Betek Corporation   | 100.00%            |
| Mesa Verde RE Ventures, LLC<br>BT FC LLC  | USA<br>USA             | Real estate development Construction                                    | SK E&C Betek Corporation SK E&C Betek Corporation  | 100.00%<br>100.00% |
| Sunlake Co., Ltd.   | Canada                 | Construction  | SK Ecoplant Co., Ltd.  | 100.00%            |
| SKEC Consultores Ecquador, S.A.   | Ecuador                | Construction  | Sunlake Co., Ltd.  | 100.00%            |
| SK HOLDCO PTE. LTD. Silvertown Investco Limited.                                | Singapore<br>UK        | Investment<br>Investment  | SK Ecoplant Co., Ltd.<br>SK Ecoplant Co., Ltd.   | 63.51%<br>100.00%  |
| Seongju Tech Co., Ltd.  | Korea                  | Disposal of waste   | SK Ecoplant Co., Ltd.  | 100.00%            |
| DDS Co., Ltd.   | Korea                  | Disposal of waste   | SK Ecoplant Co., Ltd.  | 100.00%            |
| Samwon ENT Co., Ltd.  | Korea                  | Disposal of waste   | SK Ecoplant Co., Ltd.  | 100.00%            |
| Environment Management Corporation Co., Ltd. YS TEC Co., Ltd.                   | Korea<br>Korea         | Operation of sewage treatment plant<br>Waste incineration               | SK Ecoplant Co., Ltd. Environment Management Corporation Co., Ltd.                           | 100.00%<br>100.00% |
| Seonam Environment Energy Co., Ltd.   | Korea                  | Waste incineration  | Environment Management Corporation Co., Ltd.   | 100.00%            |
| Honam Environmental Energy Co., Ltd.  | Korea                  | Waste incineration  | Environment Management Corporation Co., Ltd.   | 100.00%            |
| Green Hwasun Inc.   | Korea                  | Operation of sewage treatment plant                                     | Environment Management Corporation Co., Ltd.   | 100.00%            |
| Green Sunchang Co., Ltd.<br>Gyeongsan Clear Mulgil Co., Ltd.                    | Korea<br>Korea         | Operation of sewage treatment plant Operation of sewage treatment plant | Environment Management Corporation Co., Ltd.<br>Environment Management Corporation Co., Ltd. | 100.00%<br>100.00% |
| Dalseong Maleunmulgil Co., Ltd.   | Korea                  | Operation of sewage treatment plant                                     | Environment Management Corporation Co., Ltd.   | 100.00%            |
| Goksung Environment Co., Ltd.   | Korea                  | Operation of sewage treatment plant                                     | Environment Management Corporation Co., Ltd.   | 100.00%            |
| Chungcheong Environment Energy Co., Ltd.  Gyeonggi Environment Energy Co., Ltd. | Korea                  | Waste incineration  | Environment Management Corporation Co., Ltd.   | 100.00%            |
| Gyeongbuk Environment Energy Co., Ltd.  | Korea<br>Korea         | Waste incineration Waste incineration                                   | Environment Management Corporation Co., Ltd.<br>Environment Management Corporation Co., Ltd. | 100.00%<br>100.00% |
| Gyeongin Environment Energy Company   | Korea                  | Waste incineration  | Environment Management Corporation Co., Ltd.   | 100.00%            |
| Saehan Environment Co., Ltd.  | Korea                  | Disposal of waste   | SK Ecoplant Co., Ltd.  | 100.00%            |
| Daewon Green Energy Co., Ltd.   | Korea                  | Disposal of waste Construction waste collection                         | SK Ecoplant Co., Ltd.  | 100.00%<br>100.00% |
| Daewon Hi-Teck Co., Ltd.  | Korea                  | and transportation  | Daewon Green Energy Co., Ltd.  | 100.00%            |
| KS Investment B.V.  | Netherlands            | Investment  | SK Ecoplant Co., Ltd.  | 72.51%             |
| E-MEDI One Co., Ltd.  | Korea                  | Disposal of waste   | SK Ecoplant Co., Ltd.  | 100.00%            |
| City Environment Co., Ltd.<br>Emedione Logis Co., Ltd.                          | Korea<br>Korea         | Disposal of waste Designated waste collection                           | SK Ecoplant Co., Ltd. City Environment Co., Ltd.   | 100.00%<br>100.00% |
| Emedione Logis Co., Liu.  | Morea                  | and transportation  | Gity Environment Co., Etc.   | 100.00%            |
| Green Environment Technology Co. ,Ltd.  | Korea                  | Disposal of waste   | SK Ecoplant Co., Ltd.  | 100.00%            |
| DongNam Offshore Windfarm Co. Ltd   | Korea                  | Power generation  | SK Ecoplant Co., Ltd.  | 100.00%            |
| Gangdong Green Complex Co. ,Ltd.  | Korea                  | Disposal of waste   | SK Ecoplant Co., Ltd.  | 87.00%             |
| JA GREEN Co., Ltd.  | Korea                  | Disposal of waste   | SK Ecoplant Co., Ltd.  | 100.00%            |
| AP Development Co., Ltd. DY Indus Co., Ltd.                                     | Korea<br>Korea         | Solar power generation Synthetic resins and other plastics              | SK Ecoplant Co., Ltd.<br>SK Ecoplant Co., Ltd.   | 100.00%<br>100.00% |
| _ :300 Ooi, Etc.  | Norea                  | material manufacturing industry   | Loopian oo., Ltd.  |                    |
| DY Polymer Co., Ltd.  | Korea                  | Synthetic resins and other plastics                                     | SK Ecoplant Co., Ltd.  | 100.00%            |
|   |                        | material manufacturing industry   |  |                    |

|   |                        |   |  | Equity             |
|---|------------------------|---|--|--------------------|
| Subsidiaries  | Domicile               | Principal business activity   | The largest shareholders   | ownership<br>(*1)  |
| ECOPLANT HOLDING MALAYSIA SDN. BHD.   | Malaysia               | Holding company   | SK Ecoplant Co., Ltd.  | 100.00%            |
| Eco Frontier (Singapore) Pte. Ltd Tes-Envirocorp Pte. Ltd.  | Singapore<br>Singapore | Investment E-waste processing industry  | SK Ecoplant Co., Ltd.  | 78.63%<br>97.11%   |
| Tes-Amm (H.K.) Limited  | Hong Kong              | E-waste processing industry   | Eco Frontier (Singapore) Pte. Ltd. Tes-Envirocorp Pte. Ltd.                | 100.00%            |
| Tes-Amm (Singapore) Pte. Ltd.   | Singapore              | E-waste processing industry   | Tes-Envirocorp Pte. Ltd.   | 100.00%            |
| Tes-Amm Europe Holdings Ltd Tes Total Environmental Solution Ab   | UK<br>Sweden           | Investment E-waste processing industry  | Tes-Amm (Singapore) Pte. Ltd. Tes-Amm Europe Holdings Ltd.                 | 100.00%<br>100.00% |
| Tes-Amm Italia Srl  | Italy                  | E-waste processing industry   | Tes-Amm Europe Holdings Ltd.   | 100.00%            |
| Tes-Amm UK Ltd  | UK                     | E-waste processing industry   | Tes-Amm Europe Holdings Ltd.   | 100.00%            |
| Tes-Amm Espana Asset Recovery Andrecycling, S.L. Tes-Amm SAS  | Spain<br>France        | E-waste processing industry E-waste processing industry                               | Tes-Amm Europe Holdings Ltd. Tes-Amm Europe Holdings Ltd.                  | 100.00%<br>100.00% |
| Tes Recupyl   | France                 | E-waste processing industry   | Tes-Amm SAS  | 90.00%             |
| Tes-Amm Central Europe Gmbh   | Germany                | E-waste processing industry   | Tes-Amm Europe Holdings Ltd.   | 100.00%            |
| Vsl Support Limited Technology Supplies International Ltd.  | UK<br>UK               | E-waste processing industry E-waste processing industry                               | Tes-Amm Europe Holdings Ltd. Tes-Amm Europe Holdings Ltd.                  | 100.00%<br>100.00% |
| Goldberg Enterprises Ltd  | UK                     | E-waste processing industry   | Technology Supplies International Ltd.                                     | 100.00%            |
| Tes Consumer Solutions Ltd<br>Integrations Et Services  | UK<br>France           | E-waste processing industry E-waste processing industry                               | Tes-Amm Europe Holdings Ltd. Tes-Amm Europe Holdings Ltd.                  | 100.00%<br>100.00% |
| Tes-Amm (Europe) Ltd  | UK                     | E-waste processing industry   | Tes-Amm Europe Holdings Ltd. Tes-Amm Europe Holdings Ltd.                  | 100.00%            |
| Redeem UK Limited   | UK                     | E-waste processing industry   | Tes-Amm Europe Holdings Ltd.   | 100.00%            |
| Redeem Holdings Limited Custom Controllers UK Limited   | UK<br>UK               | E-waste processing industry E-waste processing industry                               | Tes-Amm Europe Holdings Ltd. Tes-Amm Europe Holdings Ltd.                  | 100.00%<br>100.00% |
| Envirofone Limited  | UK                     | E-waste processing industry   | Tes-Amm Europe Holdings Ltd.   | 100.00%            |
| Cash For Tech Ltd   | UK                     | E-waste processing industry   | Tes-Amm Europe Holdings Ltd.   | 100.00%            |
| Stock Must Go Limited Tes China Holdings Pte. Ltd.  | UK<br>Virgin Island    | E-waste processing industry<br>Investment   | Tes-Amm Europe Holdings Ltd. Tes-Amm (Singapore) Pte. Ltd.                 | 100.00%<br>100.00% |
| Tes-Amm Corporation (China) Ltd   | China                  | E-waste processing industry   | Tes China Holdings Pte. Ltd.   | 100.00%            |
| Tes-Amm (Beijing) Co., Ltd  | China                  | E-waste processing industry   | Tes-Amm Corporation (China) Ltd.   | 80.00%             |
| Tes-Amm (Suzhou) E-Waste Solutions Co., Ltd<br>Tes-Amm (Guangzhou) Co., Ltd   | China<br>China         | E-waste processing industry E-waste processing industry                               | Tes-Amm Corporation (China) Ltd.<br>Tes-Amm Corporation (China) Ltd.       | 100.00%<br>100.00% |
| Shanghai Tes-Amm Waste Products Recycle Co., Ltd  | China                  | E-waste processing industry   | Tes-Amm Corporation (China) Ltd.   | 100.00%            |
| Shanghai Taixiang Network Technology Co., Ltd   | China<br>Australia     | E-waste processing industry   | Shanghai Tes-Amm Waste Products Recycle Co., Ltd. Tes-Envirocorp Pte. Ltd. | 100.00%<br>100.00% |
| Tes-Amm Australia Pty Ltd Tes Sustainable Battery Solutions (Australia) Pty Ltd   | Australia              | E-waste processing industry E-waste processing industry                               | Tes-Amm Australia Pty Ltd.   | 100.00%            |
| Tes-Amm New Zealand Limited   | New Zealand            | E-waste processing industry   | Tes-Amm Australia Pty Ltd.   | 100.00%            |
| Sustainable Product Stewards Pty Ltd<br>Tes-Amm Japan K.K.  | Australia<br>Japan     | E-waste processing industry E-waste processing industry                               | Tes-Amm Australia Pty Ltd. Tes-Envirocorp Pte. Ltd.                        | 80.00%<br>80.00%   |
| Advanced Datacom (Australia) Pty Ltd  | Australia              | E-waste processing industry   | Tes-Envirocorp Pte. Ltd.   | 100.00%            |
| Green Technology Management Pty Ltd   | Australia              | E-waste processing industry   | Advanced Datacom (Australia) Pty Ltd.                                      | 100.00%            |
| Tes-Amm (Malaysia) Sdn. Bhd.<br>Tes-Amm Korea Inc.  | Malaysia<br>Korea      | E-waste processing industry E-waste processing industry                               | Tes-Envirocorp Pte. Ltd. Tes-Envirocorp Pte. Ltd.                          | 100.00%<br>55.00%  |
| Tes-Amm (Taiwan) Co., Ltd   | Taiwan                 | E-waste processing industry   | Tes-Envirocorp Pte. Ltd.   | 70.00%             |
| Total Environmental Solutions Co., Ltd.   | Thailand               | E-waste processing industry   | Tes-Envirocorp Pte. Ltd.   | 98.00%             |
| Tes-Amm (Cambodia) Co., Ltd<br>Pt. Tes-Amm Indonesia  | Cambodia<br>Indonesia  | E-waste processing industry E-waste processing industry                               | Tes-Envirocorp Pte. Ltd. Tes-Envirocorp Pte. Ltd.                          | 100.00%<br>66.90%  |
| Tes-Amm Middle East Fze   | UAE                    | E-waste processing industry   | Tes-Envirocorp Pte. Ltd.   | 100.00%            |
| Pc Off Corporation Tes USA, Inc.  | Japan<br>USA           | E-waste processing industry E-waste processing industry                               | Tes-Envirocorp Pte. Ltd. Tes-Envirocorp Pte. Ltd.                          | 97.56%<br>100.00%  |
| Genplus Pte. Ltd  | Singapore              | E-waste processing industry   | Tes-Envirocorp Pte. Ltd.   | 60.17%             |
| Tes Energy Solutions Pte. Ltd.  | Singapore              | E-waste processing industry   | Tes-Envirocorp Pte. Ltd.   | 100.00%            |
| Tes Ess Pte. Ltd. Tes B Pte. Ltd.   | Singapore<br>Singapore | E-waste processing industry E-waste processing industry                               | Tes Energy Solutions Pte. Ltd. Tes Energy Solutions Pte. Ltd.              | 100.00%<br>100.00% |
| Tes Sustainable Battery Solutions B.V.  | Netherland             | E-waste processing industry   | Tes Energy Solutions Pte. Ltd.   | 100.00%            |
| Tes Sustainable Battery Solutions Gmbh  | Germany                | E-waste processing industry   | Tes Energy Solutions Pte. Ltd.   | 100.00%            |
| TES Sustainable Battery Solutions Limited Liability Company Tes Sustainability Products Pte. Ltd  | Hungary<br>Singapore   | E-waste processing industry E-waste processing industry                               | Tes Energy Solutions Pte. Ltd. Tes-Envirocorp Pte. Ltd.                    | 100.00%<br>100.00% |
| Tes C Pte. Ltd  | Singapore              | E-waste processing industry   | Tes Sustainability Products Pte. Ltd                                       | 100.00%            |
| SK Oceanplant Co.,Ltd. (formerly, SamKang M&T Co., Ltd.) (*2) Goseong Holdings Ltd.   | Korea<br>Korea         | Steel pipe manufacturing Holding company  | SK Ecoplant Co., Ltd.<br>SK Oceanplant Co., Ltd.                           | 30.61%<br>100.00%  |
| SAM KANG S&C Co., Ltd.  | Korea                  | Shipbuilding industry   | Goseong Holdings Ltd.  | 95.70%             |
| SK Specialty Co., Ltd. (formerly, SK Materials Co., Ltd.)   | Korea                  | Special gas manufacturing and sales   | SK Inc.  | 100.00%            |
| SK Specialty Japan Co., Ltd. (formerly, SK Materials Japan Co., Ltd.)<br>SK Specialty Taiwan Co., Ltd. (formerly, SK Materials Taiwan Co., Ltd. | Japan<br>) Taiwan      | Special gas sales<br>Special gas sales  | SK Specialty Co., Ltd. SK Specialty Co., Ltd.                              | 95.00%<br>100.00%  |
| SK Specialty Jiangsu Co., Ltd. (formerly, SK Materials Jiangsu Co., Ltd.  |                        | Special gas manufacturing and sales   | SK Specialty Co., Ltd.   | 100.00%            |
| SK Specialty (Xian) Co., Ltd. (formerly, SK Materials (Xian) Co., Ltd.)   | China                  | Trading business and  | SK Specialty Co., Ltd.   | 100.00%            |
| SK Specialty(Shanghai) Co., Ltd.  | China                  | warehouse operation<br>Special gas sales  | SK Specialty Co., Ltd.   | 100.00%            |
| (formerly, SK Materials (Shanghai) Co., Ltd.)   |                        |   | •  |                    |
| Happy Companion Co., Ltd.<br>SK Tri Chem Co., Ltd.  | Korea<br>Korea         | Cleaning and laundry service<br>Manufacturing and sales of                            | SK Specialty Co., Ltd.<br>SK Inc.  | 100.00%<br>65.00%  |
| 51 510m 55., Etc.   | Norta                  | precursors and others   | 5.3.110.   | 55.0070            |
| SK Resonac Corporation  | Korea                  | Sales of raw chemical materials and   | SK Inc.  | 51.00%             |
| (formerly, SK Showa Denko Co., Ltd.)  |                        | chemical products related to<br>semiconductor   |  |                    |
| SK Materials Airplus Inc.   | Korea                  | Industrial gas sales  | SK Inc.  | 100.00%            |
| SK Materials Renewtech Co., Ltd.  | Korea                  | Manufacturing industrial gas<br>Semiconductor materials                               | SK Inc.  | 100.00%            |
| SK Materials Performance Co., Ltd.  | Korea                  | manufacturing and selling   | SK Inc.  | 100.00%            |
| SK Materials JNC Co., Ltd.  | Korea                  | Manufacturing of organic light emitting diode material                                | SK Inc.  | 51.00%             |
| SK JNC Japan Co,. Ltd.  | Japan                  | Manufacturing of organic<br>light emitting diode material                             | SK Materials JNC Co., Ltd.   | 100.00%            |
| SK Materials Group14 Co., Ltd.<br>SK Materials Group14 (Shanghai) Co., Ltd.   | Korea<br>China         | Manufacturing Sales of primary batteries and  | SK Inc.<br>SK Materials Group14 Co., Ltd.                                  | 75.00%<br>100.00%  |
| SK Siltron Co., Ltd.  | Korea                  | storage batteries Silicon wafer for electronic industry                               | SK Inc.  | 51.00%             |
| SK Siltron America, Inc.  | USA                    | manufacturing and sales Silicon wafer for electronic industry manufacturing and sales | SK Siltron Co., Ltd.   | 100.00%            |
| SK Siltron Japan, Inc.  | Japan                  | Silicon wafer for electronic industry manufacturing and sales                         | SK Siltron Co., Ltd.   | 100.00%            |
| SK Siltron Shanghai Co., Ltd.   | China                  | Silicon wafer for electronic industry   | SK Siltron Co., Ltd.   | 100.00%            |
| SK Siltron USA, Înc.<br>SK Siltron CSS, LLC   | USA<br>USA             | Investment Silicon wafer for electronic industry                                      | SK Siltron Co., Ltd.<br>SK Siltron USA, Inc.                               | 100.00%<br>100.00% |
| SK Siltron CSS Korea Co., Ltd.  | Korea                  | manufacturing and sales Wholesale and retail trade                                    | SK Siltron CSS, LLC  | 100.00%            |
| Happyfilling Co., Ltd.  | Korea                  | Service   | SK Siltron Co., Ltd.   | 100.00%            |
| Teraon Co., Ltd.  | Korea                  | Manufacturing and service   | SK Siltron Co., Ltd.   | 80.40%             |
|   |                        |   |  |                    |

|   |                        |  |  | Equity             |
|---|------------------------|--|--|--------------------|
| Subsidiaries  | Domicile               | Principal business activity  | The largest shareholders   | ownership<br>(*1)  |
| SK Biopharmaceuticals Co., Ltd.   | Korea                  | Medicine and life science  | SK Inc.  | 64.02%             |
| SK Life Science, Inc.   | USA                    | Life science   | SK Biopharmaceuticals Co., Ltd.  | 100.00%            |
| SK Bio-Pharma Tech (Shanghai) Co., Ltd.<br>SK S.E.Asia Pte. Ltd.  | China<br>Singapore     | Life science<br>Investment   | SK Biopharmaceuticals Co., Ltd.<br>SK Inc.   | 100.00%<br>100.00% |
| Essencore Limited   | Hong Kong              | Manufacturing and distribution of  | SK S.E.Asia Pte. Ltd.  | 100.00%            |
| 2000/100/10 Ellillitod  | riong rong             | semiconductor modules  | 511 5.2.7 6.4 1 to. 2.4.   | 100.0070           |
| Essencore (ShenZhen) Limited  | China                  | Consulting for computer  | Essencore Limited  | 100.00%            |
| SV China Campany I td   | Hana Kana              | system integration   | SV Inc   | 00 130/            |
| SK China Company, Ltd. SK Property Investment Management Co., Ltd.  | Hong Kong<br>Hong Kong | Consulting and investment Real estate investment                                     | SK Inc.<br>SK China Company, Ltd.  | 88.13%<br>100.00%  |
| SK Industrial Development China Co., Ltd.   | Hong Kong              | Investment   | SK China Company, Ltd.   | 100.00%            |
| Shanghai SKY Real Estate Development Co., Ltd.  | China                  | Real estate investment   | SK Industrial Development China Co., Ltd.  | 100.00%            |
| Beijing Lizhi Weixin Technology Co., Ltd.   | China                  | Investment   | SK China Company, Ltd.   | 100.00%            |
| SK China Investment Management Co., Ltd.  | Hong Kong<br>China     | Real estate investment<br>Logistics  | SK China Company, Ltd. SK China Investment Management Co., Ltd.                    | 100.00%<br>100.00% |
| SK Networks (Liaoning) Logistics Co., Ltd. SK International Agro-Products Logistics Development Co., Ltd. | Hong Kong              | Agriculture product logistics  | SK China Investment Management Co., Ltd.   | 100.00%            |
| SK International Agro-Sideline Products Park Co., Ltd.  | China                  | Agriculture product logistics  | SK International Agro-Products Logistics   | 100.00%            |
| •   |                        |  | Development Co., Ltd.  |                    |
| SK Auto Service Hong Kong Co., Ltd.   | Hong Kong              | Holding company  | SK China Company, Ltd.   | 100.00%            |
| Skyline Auto Financial Leasing Co., Ltd. SK Financial Leasing Co., Ltd.                                   | Hong Kong<br>China     | Investment<br>Financial lease  | SK Auto Service Hong Kong Co., Ltd.<br>SK Auto Service Hong Kong Co., Ltd.         | 100.00%<br>100.00% |
| SK China (Beijing) Co., Ltd.  | China                  | Consulting   | SK China Company, Ltd.   | 100.00%            |
| SKY Property Management Ltd.  | Virgin                 | Investment   | SK China Company, Ltd.   | 100.00%            |
|   | Islands                |  |  |                    |
| SK China Real Estate Co., Ltd.  | Hong Kong              | Real estate investment   | SKY Property Management Ltd.   | 100.00%            |
| SKY Investment Co., Ltd. SKY (Zhuhai Hengqin) Technology Co., Ltd.  | China<br>China         | Real estate management<br>Investment   | SK China Company, Ltd.   | 100.00%<br>100.00% |
| SK C&C Beijing Co., Ltd.  | China                  | Consulting for computer  | SK China Company, Ltd.<br>SK Inc.  | 100.00%            |
| or odd Boljing oo., Etd.  | Omna                   | system integration and others  | ore mo.  | 100.0070           |
| SK C&C Chengdu Co., Ltd.  | China                  | Consulting for computer  | SK C&C Beijing Co., Ltd.   | 100.00%            |
|   |                        | system integration and others  |  |                    |
| SK C&C India Pvt. Ltd.  | India                  | Consulting for computer  | SK Inc.  | 100.00%            |
| SK C&C USA, Inc.  | USA                    | system integration and others<br>Consulting for computer                             | SK Inc.  | 100.00%            |
| Sit Cac Con, ilic.  | 00A                    | system integration and others  | or me.   | 100.0070           |
| S&G Technology  | Saudi                  | Consulting for computer  | SK Inc.  | 51.00%             |
|   | Arabia                 | system integration and others  |  |                    |
| Saturn Agriculture Investment Co., Ltd.   | Hong Kong              | Investment   | SK Inc.  | 81.00%             |
| SK Investment Management Co., Ltd. SK Mobility Investments Company Limited                                | Hong Kong<br>Hong Kong | Investment<br>Investment   | SK Inc. SK Investment Management Co., Ltd.   | 100.00%<br>100.00% |
| SK Semiconductor Investments Co., Ltd.  | Hong Kong              | Investment management  | SK Investment Management Co., Ltd.   | 100.00%            |
| Gemini Partners Pte. Ltd.   | Singapore              | Consulting   | SK Inc., SK Innovation Co., Ltd.,  | 80.00%             |
|   | Ŧ.                     | -  | SK Telecom Co., Ltd., and SK E&S Co., Ltd.   |                    |
| Solaris Partners Pte. Ltd.  | Singapore              | Consulting   | Gemini Partners Pte. Ltd.  | 100.00%            |
| Solaris GEIF Investment<br>SK GI Management   | USA<br>Cayman          | Investment<br>Investment   | Solaris Partners Pte. Ltd.<br>SK Inc.  | 100.00%<br>100.00% |
| Plutus Capital NY, Inc.   | USA                    | Investment   | SK Inc.  | 100.00%            |
| Hudson Energy NY, LLC   | USA                    | Investment   | Plutus Capital NY, Inc.  | 50.13%             |
| Hudson Energy NY II, LLC  | USA                    | Investment   | Plutus Capital NY, Inc.  | 50.01%             |
| Hudson Energy NY III, LLC   | USA                    | Investment   | Plutus Capital NY, Inc.  | 50.50%             |
| Grove Energy Capital LLC<br>Grove Energy Capital II, LLC  | USA<br>USA             | Investment<br>Investment   | Plutus Capital NY, Inc., Pnes Investments, LLC<br>Plutus Capital NY, Inc.          | 100.00%<br>100.00% |
| Grove Energy Capital III, LLC   | USA                    | Investment   | Plutus Capital NY, Inc.  | 50.10%             |
| Wonderland NY, Inc.   | USA                    | Investment   | Plutus Capital NY, Inc.  | 100.00%            |
| Atlas NY, LLC   | USA                    | Investment   | Plutus Capital NY, Inc.  | 61.24%             |
| SK South East Asia Investment Pte. Ltd.   | Singapore              | Investment   | SK Inc., SK Innovation Co., Ltd.,  | 80.00%             |
| SK Investment Vina I Pte. Ltd.  | Singapore              | Investment   | SK Telecom Co., Ltd. and SK E&S Co., Ltd. SK South East Asia Investment Pte. Ltd.  | 50.01%             |
| SK Investment Vina II Pte. Ltd.   | Singapore              | Investment   | SK South East Asia Investment Pte. Ltd.  | 50.01%             |
| SK Investment Vina III Pte. Ltd.  | Singapore              | Investment   | SK South East Asia Investment Pte. Ltd.  | 100.00%            |
| MSN Investment Pte. Ltd.  | Singapore              | Investment   | SK Investment Vina III Pte. Ltd.   | 100.00%            |
| Imexpharm Corporation Linh Nam Ventures JSC   | Vietnam<br>Vietnam     | Pharmaceutical manufacturing<br>Investment   | SK Investment Vina III Pte. Ltd.<br>SK Investment Vina III Pte. Ltd.               | 64.92%<br>100.00%  |
| Lien Khuong Internatonal JSC  | Vietnam                | Investment   | SK Investment Vina III Pte. Ltd.   | 100.00%            |
| Dong Kinh Capital JSC   | Vietnam                | Investment   | SK Investment Vina III Pte. Ltd.   | 100.00%            |
| Lac Son Investment JSC  | Vietnam                | Investment   | SK Investment Vina III Pte. Ltd.   | 100.00%            |
| KBA Investment Joint Stock Company  | Vietnam                | Investment   | Lac Son Investment JSC   | 100.00%            |
| Cong Thang Alpha JSC<br>Eastern Vision Investment JSC   | Vietnam<br>Vietnam     | Investment<br>Investment   | SK Investment Vina III Pte. Ltd.<br>SK Investment Vina III Pte. Ltd.               | 100.00%<br>100.00% |
| Truong Luu Chi Invest JSC   | Vietnam                | Investment   | SK Investment Vina III Pte. Ltd.   | 100.00%            |
| An Nam Phu Investment JSC   | Vietnam                | Investment   | SK Investment Vina III Pte. Ltd.   | 100.00%            |
| Zion Son Kim JSC  | Vietnam                | Investment   | SK Investment Vina III Pte. Ltd.   | 100.00%            |
| Sunrise Kim Investment Joint Stock Company  | Vietnam                | Investment   | Zion Son Kim JSC   | 100.00%            |
| SK Investment Vina V Pte. Ltd. SK Investment Vina VI Pte. Ltd.  | Singapore<br>Singapore | Investment<br>Investment   | SK South East Asia Investment Pte. Ltd.<br>SK South East Asia Investment Pte. Ltd. | 100.00%<br>100.00% |
| SK Investment Vina IV Pte. Ltd.   | Singapore              | Investment   | SK South East Asia Investment Pte. Ltd.  | 100.00%            |
| SK Malaysia Investment I Pte. Ltd.  | Singapore              | Investment   | SK South East Asia Investment Pte. Ltd.  | 100.00%            |
| Lotus Fund, L.P.  | Cayman                 | Investment   | SK South East Asia Investment Pte. Ltd.  | 95.00%             |
| SK Pharmteco Inc.   | USA                    | Investment   | SK Inc.  | 100.00%            |
| SK Biotek Co., Ltd.<br>SK BIOTEK IRELAND LIMITED  | Korea<br>Ireland       | Drug medicine Pharmaceutical manufacturing   | SK Pharmteco Inc.<br>SK Pharmteco Inc.   | 100.00%<br>100.00% |
| SK BIOTEK USA, Inc.   | USA                    | Medicine and life science  | SK Pharmteco Inc.  | 100.00%            |
| Crest Acquisition LLC   | USA                    | Investment   | SK Pharmteco Inc.  | 100.00%            |
| Yposkesi, SAS   | France                 | Medicine manufacturing   | Crest Acquisition LLC  | 70.07%             |
| Abrasax Investment Inc.   | USA                    | Investment   | SK Pharmteco Inc.  | 100.00%            |
| Fine Chemicals Holdings Corp.  AMPAC Fine Chemicals, LLC  | USA<br>USA             | Investment Drug medicine   | Abrasax Investment Inc. Fine Chemicals Holdings Corp.                              | 100.00%<br>100.00% |
| AMPAC Fine Chemicals, ELC AMPAC Fine Chemicals Texas, LLC   | USA                    | Drug medicine  | AMPAC Fine Chemicals, LLC  | 100.00%            |
| AMPAC Fine Chemicals Virginia, LLC  | USA                    | Drug medicine  | AMPAC Fine Chemicals, LLC  | 100.00%            |
| Golden Pearl EV Solutions Limited   | Hong Kong              | Investment   | SK Inc.  | 100.00%            |
| Socar Mobility Malaysia, Sdn. Bhd.  | Malaysia               | Car sharing service  | SK Inc.  | 66.27%             |
| Future Mobility Solutions Sdn. Bhd. PT Future Mobility Solutions  | Malaysia<br>Indonesia  | Online brokerage services for car rental<br>Online brokerage services for car rental | Socar Mobility Malaysia, Sdn. Bhd.<br>Socar Mobility Malaysia, Sdn. Bhd.           | 100.00%<br>100.00% |
| Einstein Cayman Limited   | Cayman                 | Investment   | SK Inc.  | 100.00%            |
| I Cube Capital Inc.   | USA                    | Investment   | SK Inc.  | 100.00%            |
| I Cube Capital Hong Kong 1. LP Limited  | Hong Kong              | Investment   | I Cube Capital Inc.  | 100.00%            |
| Tellus Investment Partners, Inc. Primero Protein LLC  | USA<br>USA             | Investment<br>Investment   | SK Inc. Tellus Investment Partners, Inc.   | 100.00%<br>67.55%  |
| oro i fotolii EEO   | JUA                    | sounone  | . s so invocation: Farancie, Inc.  | 01.3376            |

| Subsidiaries   | Domicile  | Principal business activity   | The largest shareholders         | Equity<br>ownership<br>(*1) |
|--|-----------|---|----------------------------------|-----------------------------|
| Terra LLC  | USA       | Investment  | Tellus Investment Partners, Inc. | 100.00%                     |
| Terra Investment Partners II, LLC                            | USA       | Investment  | Tellus Investment Partners, Inc. | 100.00%                     |
| Castanea Bioscience Inc.                                     | USA       | Investment  | SK Inc.                          | 100.00%                     |
| SK Forest Co., Ltd.  | Korea     | Landscaping and planting business   | SK Inc.                          | 100.00%                     |
| Hweechan Co., Ltd.   | Korea     | Condo, resort operation   | SK Inc.                          | 100.00%                     |
| SK Pinx Co., Ltd.  | Korea     | Golf club operating   | Hweechan Co., Ltd.               | 100.00%                     |
| SK REITs Co., Ltd. (*2)                                      | Korea     | Real estate developing and trading  | SK Inc.                          | 42.99%                      |
| Clean Energy REITs Co., Ltd.                                 | Korea     | Real estate developing and trading  | SK REITs Co., Ltd.               | 100.00%                     |
| Total Value 1 REITs Co., Ltd.                                | Korea     | Real estate developing and trading  | SK REITs Co., Ltd.               | 100.00%                     |
| SK REITs Management Co., Ltd.                                | Korea     | Real estate developing and trading  | SK Inc.                          | 100.00%                     |
| SK Japan Investment Inc.                                     | Japan     | Investment  | SK Inc.                          | 100.00%                     |
| SK Signet Inc. (formerly, Signet EV Inc.) (*7)               | Korea     | Electric vehicle charger<br>manufacturing and selling                             | SK Inc.                          | 0.00%                       |
| SK Signet America Inc.<br>(formerly, SIGNET EV AMERICA INC.) | USA       | Electric vehicle charger maintenance<br>and technical support                     | SK Signet Inc.                   | 100.00%                     |
| SK SIGNÉT MANUFACTURING TEXAS LLC.                           | USA       | Motor, generator and<br>Electrical conversion equipment<br>manufacturing industry | SK Signet America Inc.           | 100.00%                     |
| Auxo Capital Inc.  | USA       | Investment  | SK Inc.                          | 100.00%                     |
| SK Global Development Advisors LLC                           | USA       | Investment  | Auxo Capital Inc.                | 100.00%                     |
| Auxo Capital Managers LLC                                    | USA       | Investment  | Auxo Capital Inc.                | 91.03%                      |
| Tellus (HONG KONG) Investment Co., Ltd.                      | Hong Kong | Investment  | SK Inc.                          | 100.00%                     |
| Digital Center Capital Inc.                                  | USA       | Investment  | SK Inc.                          | 100.00%                     |
| Martis Capital, LLC  | USA       | Investment  | Digital Center Capital Inc.      | 100.00%                     |
| Tillandsia, Inc.   | USA       | Investment  | SK Inc.                          | 100.00%                     |
| Energy Solution Group, Inc.                                  | USA       | Investment  | SK Inc., SK Energy Co., Ltd.     | 100.00%                     |
| Atom Power, Inc.   | USA       | Electric Vehicle Charging Station Operation                                       | Energy Solution Group, Inc.      | 63.70%                      |
| Yespowertechnix  | Korea     | Semiconductor   | SK Inc.                          | 98.59%                      |

- (\*1) The equity ownership is based on ordinary shares and includes indirect investments held by the consolidated subsidiaries.
- (\*2) SK Innovation Co., Ltd. and 14 other companies are included in the consolidated financial statements as the Group is able to exercise de facto control. The remaining voting rights of SK Innovation Co., Ltd. and 15 other companies are widely dispersed, so it is determined that the Group has voting rights to exercise de facto control.
- (\*3) Although the Group's equity interests for common stock in 11Street Co., Ltd. is 98.10%, as the preferred stocks with voting rights are issued, the equity interests with voting rights are 80.26%.
- (\*4) Dreamus Company Co., Ltd. has a 51.44% stake in common shares, but the preferred shares with voting rights are issued, and the share with voting rights is 41.78%.
- (\*5) The assets and liabilities of SK Networks Resources Australia (Wyong) Pty Ltd. and 4 other companies are classified as assets and liabilities held for sale (See Note 31).
- (\*6) Although the incorporation of Nexilis Management Europe B.V. has been completed as of December 31, 2022, there is no capital paid.
- (\*7) Although the Group's equity interests for common stock in SK Signet Inc. is 0%, as the preferred stocks with voting rights are issued, the equity interests with voting rights are 52.30%
- (\*8) During the year ended December 31, 2022, the Group participated in paid-in capital increase of Yes Power Technics Co., Ltd., an associate in which the Group holds investment, and gained control over the associate, accordingly. As a result, investments in Yes Power Technics Co., Ltd. reclassified as investment in a subsidiary.

#### 1.3 Changes in consolidated subsidiaries

Changes in the consolidated subsidiaries for the year ended December 31, 2022 are as follows:

December 31, 2021 Inclusion Exclusion December 31, 2022

For the year ended December 31, 2022, subsidiaries newly included in consolidation are as follows:

Subsidiaries Reasons for changes Establishment

BlueOval SK, LLC

SK Innovation America, Inc.

Grove Energy Capital IV, LLC

Freedom Circle Capital, Inc

Montague ESG Capital, LLC

Sapeon Inc.

SAPEON Korea Inc.

Onestore Global Pte. Ltd.

SCODYS Pte. Ltd.

id Quantique Europe GmbH

FSK L&S USA, Inc.

Nexilis Management Europe B.V.

**NEX Investment Limited** 

NEX UK Holdings Limited

LAI CCS, LLC

Mobility Solution I Inc.

Mobility Solution II Inc.

KCE MI 4, LLC

KCE ME 2, LLC

KCE IL 3, LLC KCE IN 4, LLC

KCE IN 5, LLC

KCE IA 1, LLC

KCE WI 1, LLC

KCE MA 4, LLC

KCE ID 1, LLC KCE ID 2, LLC

KCE ID 3, LLC

KCE Market Operations, LLC and 7 others

BT FC LLC

DongNam Offshore Windfarm Co. Ltd.

GangDong Green Complex Co., Ltd.

AP Development Co., Ltd.

ECOPLANT HOLDING MALAYSIA SDN. BHD.

Eco Frontier (Singapore) Pte. Ltd

SK Materials Group14 (Shanghai) Co., Ltd.

SK Siltron CSS Korea Co., Ltd.

Lotus Fund, L.P.

Terra Investment Partners II, LLC

Total Value 1 REITs Co., Ltd.

Tillandsia. Inc.

Energy Solution Group, Inc.

Won Poll Co., Ltd.

Alice und Bob Privatstiftung

Solution Co., Ltd.

Seoul Airbus Co., Ltd.

LOGISOFT Co., Ltd.

SK pucore Co., Ltd.

Bejing SK Pucore Inc.

SK Pucore Europe sp. zo.o.

SK Pucore USA Inc. (formerly, MCNS Polyurethanes USA Inc.)

SK Pucore Mexico, S. de R.L. de C.V.

SK Pucore India Pvt. Ltd.

SK Pucore RUS LLC

Absolics Inc.

EverCharge, Inc.

EverCharge Services, LLC

Busaho haengboknanum solar Co., Ltd.

NEW RENEWABLE ENERGY NO.1 Joint Stock Company

JA Green Co., Ltd.

Acquisition and others (97 companies)

(49 companies)

Atom Power, Inc. Yespowertechnix

## 1.3 Changes in consolidated subsidiaries (cont'd)

Subsidiaries Reasons for changes

DY Indus Co., Ltd.

DY Polymer Co., Ltd.
Tes-Envirocorp Pte. Ltd. and 55 others
SK Oceanplant Co., Ltd.
Goseong Holdings Ltd.
SAM KANG S&C Co., Ltd.
Imexpharm Corporation and 14 others
SK Signet Manufacturing Texas LLC.

For the year ended December 31, 2022, subsidiaries excluded from consolidation are as follows:

Subsidiaries Reasons for changes Open Garden Co., Ltd. Consolidated entities Broadband Nowon Broadcasting Co., Ltd. (8 companies) LAI LNG, LLC CAILIP GAS MARKETING, LLC Plutus Capital NY II, Inc PLUTUS CAPITAL NY III, INC. Plutus Fashion NY, Inc. Signet Energy INC. K-Net Culture & Contents Venture Fund Disposal SKC (Jiangsu) High Tech Plastics Co., Ltd. (11 company) SKC, Inc. SKC Europe GmbH SKC Hi-Tech&Marketing Co., Ltd. SKC Hi-Tech&Marketing(Suzhou) Co., Ltd. SKC Hi-Tech&Marketing Polska SP.Z.O.O SKC Hi-Tech&Marketing USA LLC SKC Hi-tech&marketing VINA Beijing SK Pucore Inc. TES-AMM (Vietnam) Co., Ltd SK E&P Companny Liquidation SKP America, LLC (7 companies) SK NETWORKS BRASIL INTERMEDIACAO DE NEGOCIOS LTDA KCE NY 25, LLC KCE TX 17, LLC New&Company Two Pte. Ltd. SK Bio Energy HongKong Co., Limited SK Ecoengineering Co., Ltd. Change to Equity Method SK Growth Opportunities Corporation (2 companies)

## 1.4 Condensed financial information of significant consolidated subsidiaries

Details of condensed financial information of the significant subsidiaries as of and for the year ended December 31, 2022 are as follows (Korean won in millions):

|   | Total       |   | Total       |   |            | N | et income |
|---|-------------|---|-------------|---|------------|---|-----------|
| Subsidiaries  | assets      |   | liabilities |   | Sales      |   | (loss)    |
| SK Innovation Co., Ltd.                                   | ₩19,550,743 | ₩ | 3,581,308   | ₩ | 1,983,534  | ₩ | 453,183   |
| SK Energy Co., Ltd.                                       | 17,946,956  |   | 12,588,896  |   | 50,193,922 |   | 1,446,893 |
| SK Geo Centric Co., Ltd.                                  | 6,710,464   |   | 3,681,355   |   | 11,667,977 |   | (11,543)  |
| SK Geo Centric International Trading (Shanghai) Co., Ltd. | 178,740     |   | 120,115     |   | 1,592,377  |   | (3,438)   |
| SK Incheon Petrochem Co., Ltd.                            | 5,970,686   |   | 4,402,396   |   | 8,966,225  |   | (47,727)  |
| SK Trading International Co., Ltd.                        | 2,283,154   |   | 1,254,121   |   | 20,238,514 |   | 409,413   |
| SK Energy International Pte. Ltd.                         | 3,568,052   |   | 2,770,718   |   | 37,713,631 |   | 128,640   |
| SK Energy Europe, Ltd.                                    | 239,223     |   | 149,652     |   | 5,372,956  |   | 100       |
| SK Energy America, Inc.                                   | 527,239     |   | 434,370     |   | 8,385,314  |   | 3,629     |
| SK Enmove Co., Ltd.                                       | 3,585,958   |   | 2,132,151   |   | 5,464,042  |   | 685,558   |
| SK Lubricants Americas, Inc.                              | 568,223     |   | 484,507     |   | 1,339,035  |   | 1,967     |
| SK Lubricants Europe B.V.                                 | 322,338     |   | 302,387     |   | 1,181,950  |   | 3,234     |
| Iberian Lube Base Oils Company, S.A.                      | 708,956     |   | 330,383     |   | 1,220,411  |   | 36,498    |

## 1.4 Condensed financial information of significant consolidated subsidiaries (cont'd)

|   | Total      | Total       |            | Net income |
|---|------------|-------------|------------|------------|
| Subsidiaries                            | assets     | liabilities | Sales      | (loss)     |
| SK ie technology Co., Ltd.              | 2,521,924  | 468,508     | 310,749    | (114,686)  |
| SK On Co., Ltd.                         | 11,253,370 | 5,881,285   | 5,943,132  | (400,342)  |
| SK On Hungary Kft.                      | 4,634,485  | 2,826,508   | 1,242,271  | 18,757     |
| SK On(Jiangsu) Co., Ltd.                | 2,693,716  | 1,676,456   | 2,097,599  | 61,396     |
| SK Battery America, Inc.                | 5,610,814  | 4,113,903   | 962,364    | (460,884)  |
| BlueOval SK, LLC                        | 2,177,390  | 435,192     | -          | (9,648)    |
| SK Battery Manufacturing Kft.           | 2,137,287  | 1,679,087   | 443,040    | (319,344)  |
| SK Telecom Co., Ltd.                    | 26,432,121 | 16,048,739  | 12,414,588 | 869,490    |
| SK Broadband Co., Ltd.                  | 6,227,700  | 3,117,165   | 4,162,093  | 212,816    |
| PS&Marketing Corp.                      | 390,693    | 165,402     | 1,376,400  | 3,856      |
| SK Square Co., Ltd.                     | 7,494,079  | 139,076     | 591,185    | 433,138    |
| SK Shieldus Co., Ltd.                   | 3,362,490  | 2,903,096   | 1,792,829  | 57,491     |
| SK Networks Co., Ltd.                   | 5,027,336  | 3,029,076   | 6,612,595  | 6,090      |
| SK Magic Co., Ltd.                      | 1,344,768  | 921,294     | 1,027,378  | 45,546     |
| SK Rent-a-Car Co., Ltd.                 | 3,332,708  | 2,814,181   | 1,247,544  | 21,214     |
| SKC Co., Ltd.                           | 3,258,252  | 1,415,444   | 111,742    | 118,429    |
| SK PIC Global Co., Ltd.                 | 716,696    | 382,350     | 1,237,700  | 92,469     |
| SK E&S Co., Ltd.                        | 10,272,033 | 4,742,112   | 1,273,710  | 752,334    |
| Yeongnam Energy Service Co., Ltd.       | 579,263    | 349,706     | 1,032,798  | 25,827     |
| Ko-one Energy Service Co., Ltd.         | 977,410    | 628,018     | 1,459,473  | 18,823     |
| Narae Energy Service Co., Ltd.          | 1,490,568  | 938,314     | 1,099,251  | 51,390     |
| Pusan City Gas Co., Ltd.                | 1,153,564  | 593,926     | 1,324,929  | 14,845     |
| Paju Energy Service Co., Ltd.           | 1,981,156  | 1,142,415   | 1,607,108  | 235,735    |
| SK E&S Americas, Inc.                   | 3,689,318  | 4,982       | -          | (12,014)   |
| Passkey, Inc.                           | 2,508,844  | 68,660      | -          | (51,754)   |
| Prism Energy International Pte. Ltd.    | 2,153,248  | 1,411,107   | 3,393,005  | 176,504    |
| SK Ecoplant Co., Ltd.                   | 9,362,346  | 6,995,591   | 6,191,350  | 338,863    |
| SK Siltron Co., Ltd. (*1)               | 4,628,109  | 2,922,081   | 2,354,681  | 374,462    |
| SK China Company, Ltd.                  | 3,112,275  | 48,546      | -          | 6,559      |
| SK South East Asia Investment Pte. Ltd. | 3,185,832  | 487,200     | 72,658     | (27,050)   |
| SK REITs Co., Ltd. (*1)                 | 3,127,367  | 2,158,647   | 29,006     | 3,733      |

<sup>(\*1)</sup> The subsidairy's financial information is consolidated financial information.

## 1.5 Disclosure of significant non-controlling interests in subsidiaries

Information about significant non-controlling interests in subsidiaries as of and for the year ended December 31, 2022 is as follows (Korean won in millions):

|   |    |              |   |             |   | Dece       | mb | er 31, 2022 |   |                    |   |             |   |             |
|---|----|--------------|---|-------------|---|------------|----|-------------|---|--------------------|---|-------------|---|-------------|
|   |    |              |   |             |   |            |    |             |   |                    |   |             |   | SK          |
|   | Sł | K Innovation | S | K Telecom   | S | K Square   | SI | K Networks  |   | SKC                |   | SK E&S      | Ε | coplant     |
|   |    | Co., Ltd.    |   | Co., Ltd.   |   | Co., Ltd.  |    | Co., Ltd.   | С | o., Ltd.           |   | Co., Ltd.   | C | Co., Ltd.   |
| Percentage of the non-controlling ownership   |    | 63.47%       |   | 69.88%      |   | 69.97%     |    | 55.59%      |   | 54.71%             |   | 10.00%      |   | 57.10%      |
| Current assets  | ₩  | 31,966,676   | ₩ | 7,219,196   | ₩ | 2,864,776  | ₩  | 2,703,209 ₩ | Ŧ | 2,526,145          | ₩ | 5,430,260 ₩ | F | 5,767,404   |
| Non-Current assets  |    | 35,252,248   |   | 24,089,066  |   | 19,295,807 |    | 6,796,050   |   | 3,866,948          |   | 13,035,368  |   | 7,554,159   |
| Current liabilities   |    | 27,557,210   |   | 8,046,541   |   | 1,819,530  |    | 3,567,813   |   | 1,870,886          |   | 5,360,347   |   | 6,113,330   |
| Non-current liabilities   |    | 16,419,403   |   | 11,106,525  |   | 3,177,853  |    | 3,480,734   |   | 2,280,356          |   | 6,409,479   |   | 3,465,786   |
| Net assets  |    | 23,242,311   |   | 12,155,196  |   | 17,163,200 |    | 2,450,712   |   | 2,241,851          |   | 6,695,802   |   | 3,742,447   |
| Book value of the non-controlling interests   |    | 14,885,064   |   | 7,528,972   |   | 12,059,941 |    | 1,426,490   |   | 1,466,731          |   | 4,312,758   |   | 3,018,707   |
| Sales   |    | 78,056,939   |   | 17,304,973  |   | 4,510,691  |    | 9,666,446   |   | 3,138,910          |   | 11,248,956  |   | 7,550,863   |
| Net income  |    | 1,895,179    |   | 947,831     |   | 256,107    |    | 90.765      |   | (24,637)           |   | 969,969     |   | 637,962     |
| Total comprehensive income  |    | 2,065,921    |   | 641,605     |   | (225,924)  |    | 85,223      |   | `´252 <sup>´</sup> |   | 669,912     |   | 719,925     |
| Net income of the non-<br>controlling interests   |    | 1,336,087    |   | 603,500     |   | 94,649     |    | 48,124      |   | 7,401              |   | 414,612     |   | 359,716     |
| Total comprehensive income of the non-controlling interests   |    | 1,344,754    |   | 358,343     |   | (320,220)  |    | 45,241      |   | 26,623             |   | 437,083     |   | 397,721     |
| Net cash flows from operating activities  |    | 406,557      |   | 5,159,317   |   | 342,357    |    | (317,353)   |   | (147,159)          |   | 2,263,072   |   | (75,584)    |
| Net cash flows from investing activities  |    | (5,123,323)  | ) | (2,807,795) |   | (57,802)   |    | (706,359)   |   | (249,038)          |   | (1,912,805) |   | (1,790,238) |
| Net cash flows from<br>financing activities before<br>dividends paid to the non-<br>controlling interests |    | 10,724,670   |   | (703,397)   |   | 76,867     |    | 21,446      |   | 971,580            |   | 760,127     |   | 2,421,125   |
| Dividends paid to the non-<br>controlling interests   |    | (217,497)    | ) | (646,485)   |   | (8,203)    |    | (14,583)    |   | (96,035)           |   | (183,699)   |   | (11,608)    |
| Net increase (decrease) in cash and cash equivalents  |    | 5,790,407    |   | 1,001,640   |   | 353,219    |    | (1,016,849) |   | 479,348            |   | 926,695     |   | 543,695     |

The aforementioned condensed financial information is consolidated financial information of each subsidiary and non-controlling interests include hybrid bonds.

## 2. Basis of preparation and summary of significant accounting policies

The Group prepares statutory financial statements in Korean in accordance with International Financial Reporting Standards as adopted by the Republic of Korea ("KIFRS") enacted by the *Act on External Audit of Stock Companies*. The accompanying consolidated financial statements have been translated into English from Korean financial statements. In the event of any differences in interpreting the financial statements or the independent auditor's report thereon, Korean version, which is used for regulatory reporting purposes, shall prevail.

The accompanying consolidated financial statements are stated in Korean won, the currency of the country in which the Company is incorporated and operates. The translation of Korean won amounts into U.S. dollar amounts is included solely for the convenience of readers of the financial statements and has been made at the rate of  $\mathbb{W}1,267.30$  to USD 1.00, the basic exchange rate in the Seoul Money Brokerage Service for cable transfers in Korean won on the last business day of the year ended December 31, 2022. Such translations into U.S. dollar should not be construed as representations that the Korean won amounts could be converted into U.S. dollar at that or any other rate.

## 2.1 Basis of preparation

The Group has prepared the consolidated financial statements in accordance with KIFRS.

The significant accounting policies used for the preparation of the accompanying consolidated financial statements as of and for the year ended December 31, 2022, are the same as the accounting policies adopted for the preparation of consolidated financial statements as of and for the year ended December 31, 2021, except for adoption of new and revised KIFRSs applied in the current period, which are summarized below.

The accompanying consolidated financial statements have been prepared on a historical cost basis, except for certain non-current assets and financial instruments that are measured at fair value. Historical cost is based on the fair values of the consideration given.

The accompanying consolidated financial statements were approved at the Company's Board of Directors meeting on February 14, 2023.

The principal accounting policies are set out below:

## 2.1.1 New and amended standards and interpretations

The Group applied for the first-time certain standards and amendments, which are effective for annual periods beginning on or after January 1, 2022.

## Amendments to KIFRS 1016 Property, Plant and Equipment

The amendment prohibits entities from deducting from the cost of an item of property, plant and equipment, any proceeds of the sale of items produced while bringing that asset to the location and condition necessary for it to be capable of operating in the manner intended by management. Instead, an entity recognizes the proceeds from selling such items, and the costs of producing those items, in profit or loss. The amendment must be applied retrospectively to items of property plant, and equipment that are brought to the location and condition necessary for it to be capable of operating in the manner intended by management after the beginning of the earliest period presented. The Group applied the amendments retrospectively only items of property, plant and equipment made available for use on or after the beginning of the earliest period presented when it first applies the amendments (i.e., the date of initial application). Detail of adjustments to individual items in the consolidated financial statements of the Group are as follows.

## (1) Consolidated statement of financial position (Korean won in millions):

|                               | As of December 51, 2021 |                    |                |  |
|-------------------------------|-------------------------|--------------------|----------------|--|
|                               | Before                  |                    | After          |  |
|                               | the adjustment          | <u>Adjustments</u> | the adjustment |  |
| Property, plant and equipment | ₩ 51,406,239            | ₩ (12,498)         | ₩ 51,393,741   |  |
| Assets                        | 165,380,861             | (12,498)           | 165,368,363    |  |
| Retained earnings             | 14,065,642              | (4,592)            | 14,061,050     |  |
| Non-controlling interests     | 44,316,806              | (7,906)            | 44,308,900     |  |
| Equity                        | 65,565,149              | (12,498)           | 65,552,651     |  |

As of December 31, 2021

## 2.1.1 New and revised KIFRSs adopted in the current period (cont'd)

(2) Consolidated statement of comprehensive income (loss) (Korean won in millions):

| ,   | For the year ended December 31, 2021 |                 |                    |              |  |  |
|---|--------------------------------------|-----------------|--------------------|--------------|--|--|
|   |                                      | Adjustment to   |                    |              |  |  |
|   | profit (loss) from                   |                 |                    |              |  |  |
|   | Before the                           | discontinued    |                    | After the    |  |  |
|   | adjustment                           | operations(*1)  | <u>Adjustments</u> | adjustment   |  |  |
| Sales   | ₩ 98,325,016                         | ₩ (1,131,850) ₩ | ₩ 10,487           | ₩ 97,203,653 |  |  |
| Cost of sales   | 87,258,841                           | (859,073)       | 22,985             | 86,422,753   |  |  |
| Gross profit  | 11,066,175                           | (272,777)       | (12,498)           | 10,780,900   |  |  |
| Selling and administrative expenses                         | 6,130,636                            | (209,496)       | -                  | 5,921,140    |  |  |
| Operating profit  | 4,935,539                            | (63,281)        | (12,498)           | 4,859,760    |  |  |
| Profit from continuing operations before income tax expense | 6,026,833                            | (32,007)        | (12,498)           | 5,982,328    |  |  |
| Income tax expense from continuing operations               | 628,305                              | 13,275          | -                  | 641,580      |  |  |
| Profit for the year from continuing operations              | 5,398,528                            | (45,282)        | (12,498)           | 5,340,748    |  |  |

<sup>(\*1)</sup> The Group has retroactively reconciled the effect of discontinued operation on profit or loss since the industry material business unit of SKC Co., Ltd. was classified as discontinued operation for the year ended December 31, 2022 (See Note 30).

## (3) Consolidated statement of changes in equity

The consolidated statement of changes in equity for the year ended December 31, 2021, which is presented for comparative purposes in relation to the adjustment to the consolidated statement of financial position and consolidated statement of comprehensive income stated above, has been restated.

(4) Consolidated statement of cash flows (Korean won in millions):

|                                      | For the year ended December 3 |              |             |          | 1, 2021 |                   |  |
|--------------------------------------|-------------------------------|--------------|-------------|----------|---------|-------------------|--|
|                                      | Before                        |              |             | After    |         |                   |  |
|                                      | the                           | adjustment   | <u>Adju</u> | stments  | the     | <u>adjustment</u> |  |
| Cash flows from operating activities | ₩                             | 6,125,173    | ₩           | (12,498) | ₩       | 6,112,675         |  |
| Cash flows from investing activities |                               | (15,432,459) |             | 12,498   | (       | 15,419,961)       |  |
| Cash flows from financing activities |                               | 11,597,922   |             | -        |         | 11,597,922        |  |

## Amendments to KIFRS 1037 Provisions, Contingent Liabilities and Contingent Assets

The amendments specify that the costs related directly to a contract to provide goods or services shall include both incremental costs and an allocation of costs directly related to contract activities when assessing whether a contract is onerous or loss-making. The Group applies the amendments to contracts for which it has not yet fulfilled all its obligations at the beginning of the annual reporting period in which it first applies the amendments (the date of initial application) and has not restated its comparative information. The amendments do not have any significant impact on the Group's financial position or management performance.

## Amendments to KIFRS 1103 Business combinations

The amendments update KIFRS 1103 so that the definition of assets and liabilities to be recognized in a business combination is referred to the 2018 Conceptual Framework and add an exception that, for transactions and other events within the scope of KIFRS 1037 *Provisions, Contingent Liabilities and Contingent Assets* or KIFRS 2121 Interpretation *Levies*, an acquirer applies KIFRS 1037 or KIFRS 2121 and clarify that contingent assets are not recognized on the acquisition date. These amendments had no material impact on the Group's financial position or management performance.

## 2.1.1 New and revised KIFRSs adopted in the current period (cont'd)

#### Amendments to KIFRS 1116 Leases

The application of the practical expedient, which provides relief to lessees from applying KIFRS 1116 guidance on lease modification accounting for rent concessions arising as a direct consequence of the Covid-19 pandemic, has been extended to lease reduction affecting the lease payments before June 30, 2022. Such rent concessions should satisfy the requirements to apply the practical expedient, and a lessee should consistently apply the practical expedients to similar contracts with similar characteristics. These amendments had no material impact on the Group's financial position or management performance.

## Annual Improvements to KIFRS 2018-2020

The annual improvements include some amendments to KIFRS 1101 *First-time Adoption of KIFRS*, KIFRS 1109 *Financial Instruments*, KIFRS 1116 *Leases* and KIFRS 1041 *Agriculture*. These amendments had no material impact on the Group's financial position or management performance.

## 2.1.2 Standards issued but not yet effective

## Amendments to KIFRS 1001: Classification of Liabilities as Current or Non-current

The amendments affect only the presentation of liabilities in the statement of financial position and clarify that the classification of liabilities as current or non-current should be based on rights that are in existence at the end of the reporting period and clarify that classification is unaffected by expectations about whether an entity will exercise its right to defer settlement of a liability. The amendments explain that the right exists if the borrowing arrangement is complied with at the end of the reporting period and clarify that settlement refers to the transfer of cash, equity instruments, other assets or services to the counterparty. The Company plans to apply the standard for annual reporting period beginning on or after January 1, 2024, with early application permitted.

## Amendments to KIFRS 1001: Disclosure of Accounting Policies

The amendments aim to help entities provide accounting policy disclosures that are more useful by replacing the requirement for entities to disclose their 'significant' accounting policies with a requirement to disclose their 'material' accounting policies and adding guidance on how entities apply the concept of materiality in making decisions about accounting policy disclosures. The amendments to KIFRS 1001 are applicable for annual periods beginning on or after January 1, 2023 with earlier application permitted.

## Amendments to KIFRS 1001: Disclosure of financial liabilities

The amendments required disclosure of the carrying amount of a financial liability and gains and losses in relation thereto if all or part of the instrument is classified as a financial liability under which the exercise price is adjusted according to changes in the issuer's stock price. The amendments to KIFRS 1001 are applicable for annual periods beginning on or after January 1, 2023 with earlier application permitted.

## Amendments to KIFRS 1008: Definition of Accounting Estimates

The amendments clarify the distinction between changes in accounting estimates and changes in accounting policies and the correction of errors. Also, they clarify how entities use measurement techniques and inputs to develop accounting estimates. The amendments are effective for annual reporting periods beginning on or after January 1, 2023 and apply to changes in accounting policies and changes in accounting estimates that occur on or after the start of that period. Earlier application is permitted as long as this fact is disclosed.

## 2.1.2 New and revised KIFRS issued, but not yet effective (cont'd)

#### Amendments to KIFRS 1012 Income Taxes

The amendments require companies to recognize deferred tax on particular transactions that, on initial recognition, give rise to equal amounts of taxable and deductible temporary Paragraphs 15 and 24 of KIFRS 1012 were amended to include an additional condition where the initial recognition exemption is not applied. According to the amended guidance, a temporary difference that arises on initial recognition of an asset or liability is not subject to the initial recognition exemption if that transaction gave rise to equal amounts of taxable and deductible temporary differences. The amendments to KIFRS 1001 are applicable for annual periods beginning on or after January 1, 2023 with earlier application permitted

The Company is reviewing the possible effects of the above listed amendments on the separate financial statements.

## 2.2 Basis of consolidation

The consolidated financial statements incorporate the financial statements of the Company and entities controlled by the Company and its subsidiaries. Control is achieved where the Group 1) has the power over the investee, 2) is exposed, or has rights, to variable returns from its involvement with the investee, and 3) has the ability to use its power to affect its returns. The Group reassesses whether or not it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control listed above.

When the Group has less than a majority of the voting rights of an investee, it has power over the investee when the voting rights are sufficient to give it the practical ability to direct the activities of the investee unilaterally. The Group considers all relevant facts and circumstances in assessing whether or not the Group's voting rights in an investee are sufficient to give it power, including:

- The size of the Group's holding of voting rights relative to the size and dispersion of holdings of the other vote holders;
- Potential voting rights held by the Group, other vote holders or other parties;
- > Rights arising from other contractual arrangements; and
- Any additional facts and circumstances that indicate that the Group has, or does not have, the current ability to direct the relevant activities at the time that decisions need to be made, including voting patterns at previous stockholders' meetings

Income and expenses of subsidiaries acquired or disposed of during the year are included in the consolidated statement of comprehensive income from the date the Company gains control until the date when the Company ceases to control the subsidiary. Profit or loss and each component of OCI are attributed to the owners of the Company and to the non-controlling interests. Total comprehensive income of subsidiaries is attributed to the owners of the Company and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with the Group's accounting policies.

All intragroup transactions and related assets and liabilities, income and expenses are eliminated in full on consolidation.

Changes in the Group's ownership interests in subsidiaries that do not result in the Group losing control over the subsidiaries are accounted for as equity transactions. The carrying amounts of the Group's interests and the non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiaries. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognized directly in equity and attributed to owners of the Company.

## 2.2 Basis of consolidation (cont'd)

When the Group loses control of a subsidiary, a gain or loss on disposal is calculated as the difference between (i) the aggregate of the fair value of the consideration received and the fair value of any retained interest and (ii) the previous carrying amount of the assets (including goodwill), and liabilities of the subsidiary and any non-controlling interests. When assets of the subsidiary are carried at revalued amounts or fair values and the related cumulative gain or loss has been recognized in OCI and accumulated in equity, the amounts previously recognized in OCI and accumulated in equity are accounted for as if the Company had directly disposed of the relevant assets (i.e., reclassified to profit or loss or transferred directly to retained earnings).

### 2.3 Business combinations

Business combinations are accounted for using the acquisition method. The consideration transferred in a business combination is measured at fair value, which is calculated as the sum of the fair values of the assets transferred by the Group, liabilities incurred by the Group to the former owners of the acquiree and the equity interests issued by the Group in exchange for control of the acquiree. Acquisition-related costs are generally recognized in profit or loss as incurred.

Goodwill is initially measured at cost, being the excess of the aggregate of the consideration transferred and the amount recognized for non-controlling interests, and any previous interest held, over the net identifiable assets acquired and liabilities assumed. If the fair value of the net assets acquired is in excess of the aggregate consideration transferred, the Group re-assesses whether it has correctly identified all of the assets acquired and all of the liabilities assumed and reviews the procedures used to measure the amounts to be recognized at the acquisition date. If the re-assessment still results in an excess of the fair value of net assets acquired over the aggregate consideration transferred, then the gain is recognized in profit or loss.

In a business combination achieved in stages, the Group remeasures its entire previously held interests in the acquiree at fair value, and any gain or loss from the remeasurement is recognized in profit or loss or, if appropriate, in other comprehensive income. Changes in the carrying amount of previously held interests in the acquiree that are recognized in other comprehensive income is recognized in the same manner as if those interests were disposed of directly.

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the Group reports provisional amounts for the items for which the accounting is incomplete. Those provisional amounts are adjusted during the measurement period (see above), or additional assets or liabilities are recognized, to reflect new information obtained about facts and circumstances that existed at the acquisition date that, if known, would have affected the amounts recognized at that date.

#### 2.4 Classification of current or non-current

The Group presents assets and liabilities as current and non-current in the statement of financial position.

Assets are classified as current assets in the following cases:

- a. It is expected to be realized within the normal operating cycle, or is intended to be sold or consumed within the normal operating cycle.
- b. It is mainly held for short-term trading purposes.
- c. It is expected to be realized within 12 months after the reporting period.
- d. As cash or cash equivalents, the limit for use for exchange or debt repayment purposes is not more than 12 months after the reporting period.

All other assets are classified as non-current assets.

Liabilities are classified as current liabilities in the following cases:

- a. It is expected to be settled within the normal operating cycle.
- b. It is mainly held for short-term trading purposes.
- c. Payment is due within 12 months after the reporting period.
- d. It does not have the unconditional right to defer settlement of the debt for more than 12 months after the reporting period.

All other liabilities are classified as non-current liabilities.

Deferred tax assets (liabilities) are classified as non-current assets (liabilities).

## 2.5 Functional currencies and foreign currencies

The individual financial statements of each entity are presented in the currency of the primary economic environment in which the entity operates (its functional currency). For the purpose of the consolidated financial statements, the results and financial position of each entity are expressed in Korean won, which is the functional currency of the entity and the presentation currency for the consolidated financial statements.

In preparing the consolidated financial statements of the individual entities, transactions in currencies other than the entity's functional currency (foreign currencies) are recognized at the rates of exchange prevailing at the dates of the transactions. At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Non-monetary items carried at fair value that are denominated in foreign currencies are retranslated at the rates prevailing at the date when the fair value was determined. Non-monetary items that are measured in terms of historical cost in a foreign currency are not retranslated.

Exchange differences are recognized in profit or loss in the period in which they arise, except for:

- Exchange differences on foreign currency borrowings relating to assets under construction for future productive use, which are included in the cost of those assets when they are regarded as an adjustment to interest costs on those foreign currency borrowings,
- Exchange differences on transactions entered into in order to hedge certain foreign currency risks, and
- Exchange differences on monetary items receivable from or payable to a foreign operation for which settlement is neither planned nor likely to occur (therefore forming part of the net investment in the foreign operation), which are recognized initially in OCI and reclassified from equity to profit or loss on disposal or partial disposal of the net investment

## 2.5 Functional currencies and foreign currencies (cont'd)

For the purpose of presenting the consolidated financial statements, the assets and liabilities of the Group's foreign operations are expressed in Korean won using exchange rates prevailing at the end of the reporting period. Income and expense items are translated at the average exchange rates for the period, unless exchange rates fluctuated significantly during that period, in which case the exchange rates at the dates of the transactions are used. Exchange differences arising, if any, are recognized in OCI and accumulated in equity. On the disposal of a foreign operation, all of the accumulated exchange differences in respect of that operation attributable to the owners of the Group are reclassified to profit or loss.

## 2.6 Cash and cash equivalents

Cash and cash equivalents include cash, bank balances and short-term highly liquid investments with an original maturity of three months or less.

#### 2.7 Financial assets

#### 2.7.1 Classification

The Group classifies its financial assets in the following measurement categories:

- > Financial assets measured at fair value through profit or loss (FVTPL)
- Financial assets measured at fair value through other comprehensive income (FVOCI)
- Financial assets measured at amortized cost

The classification depends on the Group's business model for managing the financial assets and the contractual terms of the cash flows.

For financial assets measured at fair value, gains and losses will either be recorded in profit or loss or other comprehensive income. For investments in debt instruments, this will depend on the business model in which the investment is held. The Group reclassifies debt investments when, and only when its business model for managing those assets changes.

For investments in equity instruments that are not held for trading, this will depend on whether the Group has made an irrevocable election at the time of initial recognition to account for the equity investment at fair value through other comprehensive income.

### 2.7.2 Measurement

Financial assets are initially measured at fair value, and transaction costs that are directly attributable to the acquisition of financial assets (other than financial assets at fair value through profit or loss) are added to the fair value of the financial assets, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets at fair value through profit or loss are recognized immediately in profit or loss.

The Group considers the hybrid contract which contains embedded derivatives as the entire hybrid contract for the purpose of assessing whether the contractual cashflows represent solely payments of principal and interest on the principal amount outstanding.

## 2.7.2 Measurement (cont'd)

#### (1) Debt instruments

Subsequent measurement of debt instruments depends on the Group's business model for managing the asset and the cash flow characteristics of the asset. The Group classifies its debt instruments into one of the following three measurement categories:

#### 1) Financial assets measured at amortized cost

Assets that are held for collection of contractual cash flows where those cash flows represent solely payments of principal and interest are measured at amortized cost. A gain or loss on a debt investment that is subsequently measured at amortized cost and is not part of a hedging relationship is recognized in profit or loss when the asset is derecognized or impaired. Interest income from these financial assets is included in 'finance income' using the effective interest rate method.

#### 2) Financial assets measured at FVOCI

Assets that are held for collection of contractual cash flows and for selling the financial assets, where the assets cash flows represent solely payments of principal and interest, are measured at fair value through other comprehensive income. Movements in the carrying amount are taken through other comprehensive income, except for the recognition of impairment loss (reversal of impairment loss), interest income and foreign exchange gains and losses which are recognized in profit or loss. When the financial asset is derecognized, the cumulative gain or loss previously recognized in other comprehensive income is reclassified from equity to profit or loss. Interest income from these financial assets is included in 'finance income' using the effective interest rate method. Foreign exchange gains and losses are presented in 'finance income or costs' and impairment losses are presented in 'finance costs'.

## 3) Financial assets measured at FVTPL

Assets that do not meet the criteria for amortized cost or fair value through other comprehensive income are measured at fair value through profit or loss. A gain or loss on a debt investment that is subsequently measured at fair value through profit or loss and is not part of a hedging relationship is recognized in profit or loss and presented net in the statement of comprehensive income within 'finance income or costs' in the year in which it arises.

## (2) Equity instruments

The Group subsequently measures all equity investments at fair value. Where the Group's management has elected to present fair value gains and losses on equity investments, which held for long-term investment or strategic purpose, in other comprehensive income, there is no subsequent reclassification of fair value gains and losses to profit or loss following the derecognition of the investment. Dividend income from such investments continue to be recognized in profit or loss as 'other non-operating income' when the right to receive payments is established. But if a portion of the cost of a financial asset is recovered and profit is earned, it is recognized in other comprehensive income.

Changes in the fair value of financial assets at fair value through profit or loss are recognized in 'finance income and expenses' in the statement of profit or loss as applicable. Impairment loss (reversal of impairment loss) on equity investments measured at fair value through other comprehensive income are not reported separately from other changes in fair value.

## 2.7.3 Impairment

The Group assesses on a forward looking basis the expected credit losses associated with its debt instruments carried at amortized cost and fair value through other comprehensive income. The impairment methodology applied depends on whether there has been a significant increase in credit risk. For trade receivables and lease receivables, the Group applies the simplified approach, which requires expected lifetime credit losses to be recognized from initial recognition of the receivables.

## 2.7.4 Recognition and derecognition

Regular way purchases and sales of financial assets are recognized or derecognized on trade-date, the date on which the Group commits to purchase or sell the asset. Financial assets are derecognized when the rights to receive cash flows from the financial assets have expired or have been transferred and the Group has transferred substantially all the risks and rewards of ownership.

If a transfer does not result in derecognition because the Group has retained substantially all the risks and rewards of ownership of the transferred asset, the Group continues to recognize the transferred asset in its entirety and recognizes a financial liability for the consideration received.

## 2.7.5 Offsetting of financial instruments

Financial assets and liabilities are offset and the net amount reported in the statements of financial position where there is a legally enforceable right to offset the recognized amounts and there is an intention to settle on a net basis or realize the assets and settle the liability simultaneously. The legally enforceable right must not be contingent on future events and must be enforceable in the normal course of business and in the event of default, insolvency or bankruptcy of the Group or the counterparty.

## 2.8 Inventories

Inventories are measured at the lower of cost and net realizable value. Cost of inventories, except for materials in in-transit and work in progress (specific identification), are measured under the gross average method, moving average method or first-in first-out method and consists of the purchase price, cost of conversion and other costs incurred in bringing the inventories to their present location and condition. Net realizable value represents the estimated selling price for inventories, less all estimated costs of completion and costs necessary to make the sale.

When inventories are sold, the carrying amount of those inventories is recognized as an expense (cost of sales) in the period in which the related revenue is recognized. The amount of any write-down of inventories to net realizable value and all losses of inventories are recognized as an expense in the period the write-down or loss occurs. The amount of any reversal of any write-down of inventories, arising from an increase in net realizable value, is recognized as a reduction in the amount of inventories recognized as an expense in the period in which the reversal occurs.

## 2.9 Investments in associates and joint ventures

An associate is an entity over which the Group has significant influence. Significant influence is the power to participate in the financial and operating policy decisions of the investee, but is not control or joint control over those policies.

A joint venture is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the joint arrangement. Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require unanimous consent of the parties sharing control.

## 2.9 Investments in associates and joint ventures (cont'd)

The results and assets and liabilities of associates or joint ventures are incorporated in these consolidated financial statements using the equity method of accounting, except when the investment is classified as held for sale, in which case it is accounted for in accordance with KIFRS 1105, *Noncurrent Assets Held for Sale and Discontinued Operations*. Under the equity method, an investment in an associate or a joint venture is initially recognized in the consolidated statement of financial position at cost and adjusted thereafter to recognize the Group's share of the profit or loss and OCI of the associate or joint venture. When the Group's share of losses of an associate or a joint venture exceeds the Group's interest in that associate or joint venture (which includes any long-term interests that, in substance, form part of the Group's net investment in the associate or joint venture), the Group discontinues recognizing its share of further losses. Additional losses are recognized only to the extent that the Group has incurred legal or constructive obligations or made payments on behalf of the associate or joint venture.

Any excess of the cost of acquisition over the Group's share of the net fair value of the identifiable assets, liabilities and contingent liabilities of an associate or a joint venture recognized at the date of acquisition is recognized as goodwill, which is included within the carrying amount of the investment.

When the Group transacts with its associate or a joint venture, profits and losses resulting from the transactions with the associate or joint venture are recognized in the Group's consolidated financial statements only to the extent of interests in the associate or joint venture that are not related to the Group.

## 2.10 Interests in joint operations

A joint operation is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the assets, and obligations for the liabilities, relating to the arrangement. Joint control is the contractually agreed sharing of control of an arrangement, which exists only when decisions about the relevant activities require unanimous consent of the parties sharing control.

The Group accounts for the assets, liabilities, revenues and expenses relating to its interest in a joint operation in accordance with the KIFRSs applicable to the particular assets, liabilities, revenues and expenses.

When a group entity transacts with a joint operation in which a group entity is a joint operator (such as a sale or contribution of assets), the Group is considered to be conducting the transaction with the other parties to the joint operation, and gains and losses resulting from the transactions are recognized in the Group's consolidated financial statements only to the extent of other parties' interests in the joint operation.

When a group entity transacts with a joint operation in which a group entity is a joint operator (such as a purchase of assets), the Group does not recognize its share of the gains and losses until it resells those assets to a third party.

## 2.11 Property, plant and equipment

Construction in progress is stated at cost, net of accumulated impairment losses, and property, plant and equipment is stated at cost, less subsequent accumulated depreciation and accumulated impairment losses. The cost of an item of property, plant and equipment is directly attributable to its purchase or construction, which includes any costs directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management. It also includes the initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located.

Subsequent costs are recognized in the carrying amount of an asset or as a separate asset if it is probable that future economic benefits associated with the assets will flow into the Group and the cost of an asset can be measured reliably. Routine maintenance and repairs are expensed as incurred.

The Group does not depreciate land. Depreciation expense is computed using the straight-line method based on the estimated useful lives of the assets as follows:

| Description            | Useful lives (years) | Description             | Useful lives (years) |
|------------------------|----------------------|-------------------------|----------------------|
| Buildings              | 10 ~ 60              | Machinery and equipment | 3 ~ 40               |
| Structures             | 4 ~ 50               | Vehicles                | 1 ~ 20               |
| Operating lease assets | 3 ~ 5                | Others                  | 2 ~ 40               |

The Group reviews the depreciation method, the estimated useful lives and residual values of property, plant and equipment at the end of each annual reporting period. If expectations differ from previous estimates, the changes are accounted for as a change in an accounting estimate.

An item of property, plant and equipment is derecognized upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on derecognition of the property (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in profit or loss in the period in which the property is derecognized.

### 2.12 Goodwill

Goodwill resulting from an acquisition of a business is carried at cost as established at the date of acquisition of the business less accumulated impairment losses, if any.

For the purpose of impairment testing, goodwill is allocated to each of the Group's cash-generating units that is expected to benefit from the synergies of the combination.

A cash-generating unit ("CGU") to which goodwill has been allocated is tested for impairment annually, or more frequently when there is indication that the unit may be impaired. If the recoverable amount of the CGU is less than its carrying amount, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit and then to the other assets of the unit on a pro-rata basis based on the carrying amount of each asset in the unit. Any impairment loss for goodwill is recognized directly in profit or loss. An impairment loss recognized for goodwill is not reversed in subsequent periods.

## 2.13 Intangible assets

Intangible assets are measured initially at cost and, subsequently, are carried at cost, less accumulated amortization and accumulated impairment losses. The cost of intangible asset acquired in a business combination, separately from goodwill, is its fair value at the acquisition date and shall be carried at its cost less any accumulated amortization and any accumulated impairment losses.

Amortization of development cost, industrial property rights and other intangible assets is calculated on a straight-line basis over the estimated useful lives of intangible assets from the date that they are available for use. The residual value is zero. Development cost for petroleum resource is amortized by the unit of production method based on the amount of proved reserves. However, intangible assets with indefinite useful lives such as membership and brand -related assets are not amortized as there is no foreseeable limit to the period over which the asset is expected to use.

| Description                | Useful lives (years) | Description            | Useful lives (years) |
|----------------------------|----------------------|------------------------|----------------------|
| Development costs          | 3 ~ 10               | Developed technology   | 5 ~ 14               |
| Customer-related assets    | 3 ~ 30               | Others                 | 2 ~ 50               |
| Right to use facilities    | 10, 20               | Frequency usage rights | 2.9 ~ 10             |
| Industrial property rights | 5 ~ 10               |                        |                      |

The useful lives of intangible assets are assessed as either finite or indefinite. Intangible assets with finite lives are amortized over the useful economic life. The amortization period and the amortization method for an intangible asset with a finite useful life are reviewed at the end of each annual reporting period. If expectations differ from previous estimates, the changes are accounted for as a change in an accounting estimate. Intangible assets with indefinite useful lives are not amortized, but are tested for impairment annually.

## 2.13.1 Development cost for petroleum resource

The Group accounts for expenditures with high probability of future economic benefits related to the acquisition costs of assets, exploration and evaluation, and development activities as intangible assets.

Expenditures for exploration and evaluation of oil and natural gas are related to geographical, geological, geochemical, geophysical research, and prospect for commercialization. Development expenditures are related to the construction of various production equipment and drilling oil wells. Impairment testing is performed when the carrying amount of the intangible asset exceeds the estimated recoverable amounts.

Oil-producing fields refer to those which acquired the permission of development for reserves with economic benefits. The cost of an item of oil-producing fields includes the costs directly attributable to its purchase, construction, other expenditures for production, and the estimated costs of provision for restoration. The Group amortizes oil-producing fields by the unit of production method based on the amount of proved reserves.

## 2.13.2 Research and development

Expenditures on research activities, undertaken with the prospect of gaining new scientific or technical knowledge and understanding, are recognized in profit or loss as incurred. Development expenditures are capitalized only if development costs can be measured reliably, the product or process is technically and commercially feasible, future economic benefits are probable, and the Group intends to and has sufficient resources to complete development and to use or sell the asset. Other development expenditures are recognized in profit or loss as incurred.

## 2.13.3 Subsequent expenditures

Subsequent expenditures are capitalized only when they increase the future economic benefits embodied in the specific asset to which they relate. All other expenditures, including expenditures on internally generated goodwill and brands, are recognized in profit or loss as incurred.

## 2.14 Impairment of tangible and intangible assets other than goodwill

At the end of each reporting period, the Group reviews the carrying amounts of its tangible and intangible assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss. When it is not possible to estimate the recoverable amount of an individual asset, the Group estimates the recoverable amount of the CGU to which the asset belongs.

Intangible assets with indefinite useful lives and intangible assets not yet available for use are tested for impairment at least annually, and whenever there is an indication that the asset may be impaired. Recoverable amount is the higher of fair value, less costs to sell and value in use. If the recoverable amount of an asset (or a CGU) is estimated to be less than its carrying amount, the carrying amount of the asset (or the CGU) is reduced to its recoverable amount and the reduced amount is recognized in profit or loss.

Where an impairment loss subsequently reverses, the carrying amount of the asset (or a CGU) is increased to the revised estimate of its recoverable amount, so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognized for the asset (or the CGU) in prior years. A reversal of an impairment loss is recognized immediately in profit or loss.

## 2.15 Investment properties

Investment properties are properties held to earn rentals and for capital appreciation. Investment properties are measured initially at cost, including transaction costs. Subsequent to initial recognition, investment properties are reported at cost, less accumulated depreciation and accumulated impairment losses.

Subsequent costs are recognized in carrying amount of an asset or as a separate asset if it is probable that the future economic benefits associated with the assets will flow into the Group and the cost of an asset can be measured reliably. Routine maintenance and repairs are expensed as incurred.

The Group does not depreciate land. Depreciation expense is computed using the straight-line method based on the estimated useful lives of the assets as follows:

| Description | Useful lives (years) | Description | Useful lives (years) |
|-------------|----------------------|-------------|----------------------|
| Buildings   | 10 ~ 60              | Structures  | 4 ~ 50               |

The Group reviews the depreciation method, the estimated useful lives and residual values of investment properties at the end of each annual reporting period. If expectations differ from previous estimates, the changes are accounted for as a change in accounting estimate.

## 2.16 Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

Investment income earned on the temporary investment of specific borrowings, pending their expenditure on qualifying assets, is deducted from the borrowing costs eligible for capitalization. All other borrowing costs are recognized in profit or loss in the period in which they are incurred.

### 2.17 Government grants

Government grants are not recognized until there is reasonable assurance that the Group will comply with the conditions attaching to them and that the grants will be received.

Government grants related to assets are presented in the statement of financial position by deducting the grant from the carrying amount of the asset. The related grant is recognized in profit or loss over the life of a depreciable asset as a reduced depreciation expense.

Government grants related to income are recognized in profit or loss on a systematic basis over the periods in which the Group recognizes as expenses the related costs for which the grants are intended to compensate. Government grants that are receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the Group with no future related costs are recognized in profit or loss in the period in which they become receivable.

## 2.18 Non-current assets held for sale and discontinued operation

The Group classifies non-current assets (or disposal group) as held for sale if their carrying amounts will be recovered principally through a sale or distribution rather than through continuing use. Such non-current assets and disposal group classified as held for sale or as held for distribution are measured at the lower of their carrying amount and fair value less costs to sell or to distribute. Costs to distribute are the incremental costs directly attributable to the disposal of an asset (or disposal group), excluding the finance costs and income tax expense.

The criteria for held for distribution classification is regarded as met only when the distribution is highly probable and the asset or disposal group is available for immediate distribution in its present condition. Actions required to complete the distribution should indicate that it is unlikely that significant changes to the distribution will be made or that the decision to distribute will be withdrawn. Management must be committed to the distribution expected within one year from the date of the classification.

Property, plant and equipment and intangible assets are not depreciated or amortized once classified as held for sale or as held for distribution.

Assets and liabilities classified as held for sale or for distribution are presented separately as current items in the statement of financial position.

A disposal group qualifies as discontinued operation if it is a component of an entity that either has been disposed of, or is classified as held for sale, and:

- Represents a separate major line of business or geographical area of operations
- ls part of a single co-ordinated plan to dispose of a separate major line of business or geographical area of operations, or
- Is a subsidiary acquired exclusively with a view to resale

Discontinued operations are excluded from the results of continuing operations and are presented as a single amount as profit or loss after tax from discontinued operations in the statement of profit or loss and other comprehensive income. Additional disclosures are provided in Note 30. All other notes to the financial statements include amounts for continuing operations, unless otherwise mentioned.

### 2.19 Discount (premium) on bonds

Discount (premium) on bonds is presented as a direct deduction from (addition to) the nominal value of the bonds and is amortized using the effective interest rate method over the lives of the bonds.

#### 2.20 Leases

At inception of a contract, the Group assesses whether the contract is, or contains, a lease considering if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration.

### 2.20.1 The Group as a lessee

The Group applied a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets. The Group recognizes a right-of-use asset representing its right to use the underlying leased asset and a lease liability representing its obligation to make lease payments.

## (1) Right-of use assets

The Group recognizes right-of-use assets at the commencement date of the lease (i.e., the date the underlying asset is available for use). Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any re-measurement of lease liabilities. The cost of right-of-use assets includes the amount of lease liabilities recognized, initial direct costs incurred, and lease payments made at or before the commencement date less any lease incentives received.

Depreciation of right-of-use asset is computed using the straight-line method based on the shorter of the lease term and the estimated useful lives of the assets as follows:

| Description        | Useful lives (years) | Description | Useful lives (years) |
|--------------------|----------------------|-------------|----------------------|
| Land and buildings | 1 ~ 60               | Tank        | 1 ~ 10               |
| Ships and vessels  | 10 ~ 20              | Vehicles    | 1 ~ 5                |
| Others             | 1 ~ 10               |             |                      |

Unless the Group is reasonably certain to obtain ownership of the leased asset at the end of the lease term, the recognized right-of-use assets are depreciated on a straight-line basis over the shorter of its estimated useful life and the lease term. Right-of-use assets are subject to impairment.

### (2) Lease liabilities

At the commencement date of the lease, the Group recognizes lease liabilities measured at the present value of lease payments to be made over the lease term. The lease payments include fixed payments (including in- substance fixed payments) less any lease incentives receivable, variable lease payments that depend on an index or a rate, and amounts expected to be paid under residual value guarantees. The lease payments also include the exercise price of a purchase option reasonably certain to be exercised by the Group and payments of penalties for terminating a lease, if the lease term reflects the Group exercising the option to terminate. The variable lease payments that do not depend on an index or a rate are recognized as expense in the period on which the event or condition that triggers the payment occurs.

In calculating the present value of lease payments, the Group uses the incremental borrowing rate at the lease commencement date if the interest rate implicit in the lease is not readily determinable. After the commencement date, the amount of lease liabilities is increased to reflect the accretion of interest and reduced for the lease payments made. In addition, the carrying amount of lease liabilities is remeasured if there is a modification, a change in the lease term, a change in the in-substance fixed lease payments or a change in the assessment to purchase the underlying asset.

The Group included lease liabilities as financial liabilities.

### 2.20.1 The Group as a lessee (cont'd)

#### (3) Short-term lease and leases of low-value assets

The Group applies the short-term lease recognition exemption to its short-term leases of land, buildings, vehicles and others (i.e., those leases that have a lease term of 12 months or less from the commencement date and do not contain a purchase option). It also applies the lease of low-value assets recognition exemption to leases of office equipment that are considered of low value (i.e., below \$5,000). Lease payments on short-term leases and leases of low-value assets are recognized as expense on a straight-line basis over the lease term.

### 2.20.2 The Group as a lessor

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

Amounts due from lessees under finance leases are recognized as receivables at the amount of the Group's net investment in the leases. Finance lease income is using the effective interest rate method on the Group's net investment outstanding in respect of the leases.

Rental income from operating leases is recognized on a straight-line basis over the term of the relevant lease. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognized on a straight-line basis over the lease term.

#### 2.21 Financial liabilities and equity instruments

### 2.21.1 Classification as debt or equity

Debt and equity instruments are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangement and the definitions of financial liability and an equity instrument.

### 2.21.2 Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. Equity instruments issued by the Group are recognized as the proceeds are received, net of direct issue costs.

Repurchase of the Group's own equity instruments is recognized and deducted directly in equity. No gain or loss is recognized in profit or loss on the purchase, sale, issue or cancellation of the Group's own equity instruments.

### 2.21.3 Compound instruments

The component parts of compound instruments (convertible bonds) issued by the Group are classified separately as financial liabilities and equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and equity instrument. Conversion option that will be settled by the exchange of a fixed amount of cash or another financial asset for a fixed number of the Group's own equity instruments is an equity instrument.

At the date of issue, the fair value of the liability component is estimated using the prevailing market interest rate for a similar non-convertible instrument. This amount is recorded as a liability on an amortized cost basis using the effective interest method until extinguished upon conversion or at the instrument's maturity date.

The conversion option classified as equity is determined by deducting the amount of the liability component from the fair value of the compound instrument as a whole. This is recognized and included in equity, net of income tax effects, and is not subsequently remeasured. In addition, the conversion option classified as equity will remain in equity until the conversion option is exercised, in which case, the balance recognized in equity will be transferred to share premium. No gain or loss is recognized in profit or loss upon conversion or expiration of the conversion option.

Transaction costs that relate to the issue of the convertible notes are allocated to liability and equity components in proportion to the allocation of the gross proceeds. Transaction costs relating to equity component are recognized directly in equity. Transaction costs relating to the liability component are included in the carrying amount of the liability component and are amortized over the lives of the convertible notes using the effective interest method.

#### 2.21.4 Financial liabilities

All financial liabilities are measured subsequently at amortized cost using the effective interest method or at FVTPL. However, financial liabilities that arise when a transfer of a financial asset does not qualify for derecognition or when the continuing involvement approach applies, and financial guarantee contracts issued by the Group, are measured in accordance with the specific accounting policies set out below.

### 2.21.4.1 Financial liabilities at FVTPL

Financial liabilities are classified as at FVTPL when the financial liability is (i) contingent consideration of an acquirer in a business combination, (ii) held for trading or (iii) it is designated as at FVTPL.

A financial liability is classified as held for trading if:

- It has been acquired principally for the purpose of repurchasing it in the near term; or
- On initial recognition it is part of a portfolio of identified financial instruments that the Group manages together and has a recent actual pattern of short-term profit-taking; or
- It is a derivative that is not designated and effective as a hedging instrument

### 2.21.4.1 Financial liabilities at FVTPL (cont'd)

A financial liability other than a financial liability held for trading or contingent consideration of an acquirer in a business combination may be designated as at FVTPL upon initial recognition if:

- Such designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise; or
- The financial liability forms part of a group of financial assets or financial liabilities or both, which is managed and its performance is evaluated on a fair value basis, in accordance with the Group 's documented risk management or investment strategy, and information about the grouping is provided internally on that basis; or
- ➤ It forms part of a contract containing one or more embedded derivatives, and KIFRS 1109 permits the entire combined contract to be designated as at FVTPL

Financial liabilities at FVTPL are measured at fair value, with any gains or losses arising on changes in fair value recognized in profit or loss to the extent that they are not part of a designated hedging relationship.

However, for financial liabilities that are designated as at FVTPL, the amount of change in the fair value of the financial liability that is attributable to changes in the credit risk of that liability is recognized in other comprehensive income, unless the recognition of the effects of changes in the liability's credit risk in other comprehensive income would create or enlarge an accounting mismatch in profit or loss. The remaining amount of change in the fair value of liability is recognized in profit or loss. Changes in fair value attributable to a financial liability's credit risk that are recognized in other comprehensive income are not subsequently reclassified to profit or loss; instead, they are transferred to retained earnings upon derecognition of the financial liability.

Gains or losses on financial guarantee contracts issued by the Group that are designated by the Group as at FVTPL are recognized in profit or loss.

#### 2.21.4.2 Financial liabilities measured at amortized cost

Financial liabilities that are not (a) contingent consideration of an acquirer in a business combination, (b) held-for-trading, or (c) designated as at FVTPL, are measured subsequently at amortized cost using the effective interest method.

#### 2.21.5 Financial guarantee contracts

A financial guarantee contract is a contract that requires the issuer to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payments when due in accordance with the terms of debt instruments.

Financial guarantee contract liabilities are initially measured at their fair values and, if not designated as at FVTPL, are subsequently measured at the higher of:

- The amount of the loss allowance determined in accordance with KIFRS 1109 (see financial assets above); and
- The amount recognized initially less, where appropriate, cumulative amortization recognized in accordance with the revenue recognition policies set out above

### 2.21.6 Derecognition of financial liabilities

Financial liabilities are removed from the statement of financial position when it is extinguished; for example, when the obligation specified in the contract is discharged or cancelled or expired or when the terms of an existing financial liability are substantially modified. The difference between the carrying amount of a financial liability extinguished or transferred to another party and the consideration paid (including any non-cash assets transferred or liabilities assumed) is recognized in profit or loss.

#### 2.22 Retirement benefit costs

Contributions to defined contribution retirement benefit plans are recognized as an expense when employees have rendered service entitling them to the contributions.

For defined benefit retirement benefit plans, the cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at the end of each reporting period. Remeasurement, comprising actuarial gains and losses, the effect of the changes to the asset ceiling (if applicable) and the return on plan assets (excluding interest), is reflected immediately in the consolidated statement of financial position with a charge or credit recognized in OCI in the period in which it occurs. Remeasurement recognized in OCI is reflected immediately in retained earnings and will not be reclassified to profit or loss. Past service cost is recognized in profit or loss in the period of a plan amendment. Net interest is calculated by applying the discount rate at the beginning of the period to the net defined benefit liability or asset. Defined benefit costs are composed of service cost (including current service cost and past service cost, as well as gains and losses on curtailments and settlements), net interest expense (income) and remeasurement.

The Group presents the service cost and net interest expense (income) components in profit or loss, and the remeasurement component in OCI. Curtailment gains and losses are accounted for as past service costs.

### 2.23 Share-based payment arrangements

Equity-settled share-based payments to employees and others providing similar services are measured at the fair value of the equity instruments at the grant date.

The fair value determined at the grant date of the equity-settled share-based payments is expensed on a straight-line basis over the vesting period, based on the Group's estimate of equity instruments that will eventually vest. At the end of each reporting period, the Group revises its estimate of the number of equity instruments expected to vest. The impact of the revision of the original estimates, if any, is recognized in profit or loss such that the cumulative expense reflects the revised estimate, with a corresponding adjustment in other component of equity as the equity-settled employee benefits reserve.

Equity-settled share-based payment transactions with parties other than employees are measured at the fair value of the goods or services received, except where that fair value cannot be estimated reliably, in which case they are measured at the fair value of the equity instruments granted, measured at the date the entity obtains the goods or the counterparty renders the service.

For cash-settled share-based payments, a liability is recognized for the goods or services acquired, measured initially at the fair value of the liability. At the end of each reporting period until the liability is settled, and at the date of settlement, the fair value of the liability is remeasured, with any changes in fair value recognized in profit or loss for the year.

#### 2.24 Provision

Provisions are recognized when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that the Group will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (where the effect of the time value of money is material).

At the end of each reporting period, the remaining provision balance is reviewed and assessed to determine if the current best estimate is being recognized. If the existence of an obligation to transfer economic benefit is no longer probable, the related provision is reversed during the period.

#### 2.24.1 Provision for warranties

A provision for warranties is recognized when the underlying products or services are sold. The provision is based on historical warranty data and a weighting of all possible outcomes against their associated probabilities.

#### 2.24.2 Provision for installment of handset subsidies

The Group provides lump-sum handset subsidies to customers who agree to use the Group's service for a predetermined service period and the subsidies are charged to commission expense as the related payments are made. When customers agree to use the Group's service for a predetermined service period and purchase handsets on an installment basis, the subsidies are paid every month over the installment period and the Group estimates a provision for handset subsidies to be paid, which is recognized as commissions expense at the time telecommunication service contracts are made.

# 2.24.3 Provision for service/construction warranties

If the Group has an obligation to repair the product after selling the product or providing the service, the Group estimates the warranty expense based on the repair period and the past experience rate.

#### 2.24.4 Provision for restoration

Provision for restoration of contaminated area is recognized in the related costs in accordance with published environmental policy and appropriate legal requirements of the Group.

## 2.24.5 Provision for onerous contracts

A provision for onerous contracts is recognized when the expected benefits to be derived by the Group from a contract are lower than the unavoidable costs of meeting its obligations under the contract. The provision is measured at the present value of the lower of the expected cost of terminating the contract and the expected net cost of continuing with the contract. Before a provision is established, the Group recognizes any impairment loss on the assets associated with that contract.

### 2.24.6 Accounting treatment related to the emission rights cap and trade scheme

The Group accounts for greenhouse gas emission rights and emission liabilities arising under the *Act* on the *Allocation and Transaction of Greenhouse Gas Emission Rights* as follows.

#### 1) Greenhouse gas emission rights

Greenhouse gas emission rights consist of emission rights allocated free of charge by the government and emission rights purchased for free. The free allocation emission right is measured and recognized as zero, and the purchase emission right is recognized as the acquisition cost by adding other normally incurred costs directly related to the acquisition cost. The Group classifies the greenhouse gas emission rights held to fulfill the obligations stipulated in the relevant system as intangible assets, measures the total amount of damage deducted from the cost, and classifies the portion to be submitted to the government within one year from the end of the reporting period. Greenhouse gas emission rights held to obtain short-term trading gains are classified as floating assets and measured at fair value at the end of each reporting period, and changes in fair value are recognized in profit or loss. Greenhouse gas emission rights are removed when they are no longer available for submission or sale to the government, or when future economic benefits are no longer expected.

#### 2) Emission liabilities

Emission liabilities are the current obligation to emit greenhouse gases and submit emission rights to the government, and are recognized when resources are likely to be leaked to fulfill the obligation and the amount required to fulfill the obligation can be reliably estimated. Emission liabilities are measured by adding the carrying amount of emission rights held for the relevant performance year to be submitted to the government and the expenditure expected to take to fulfill the obligations for emissions exceeding the amount of emission rights held. Emission liabilities are removed when submitted to the government.

#### 2.25 Derivative financial instruments

The Group enters into foreign exchange forward contracts, interest swaps, currency swaps, and so forth to manage its exposure to foreign exchange rate risk and foreign currency risk. Derivatives are initially recognized at fair value at the date the derivative contract is entered into and are subsequently remeasured to their fair value at the end of each reporting period. The resulting gain or loss is recognized in profit or loss immediately, unless the derivative is designated and effective as a hedging instrument, in such case the timing of the recognition in profit or loss depends on the nature of the hedge relationship.

### 2.25.1 Embedded derivatives

An embedded derivative is a component of a hybrid contract that also includes a non-derivative host – with the effect that some of the cash flows of the combined instrument vary in a way similar to a standalone derivative.

Derivatives embedded in hybrid contracts with a financial asset host within the scope of KIFRS 1109 are not separated. The entire hybrid contract is classified and subsequently measured as either amortized cost or fair value as appropriate.

Derivatives embedded in hybrid contracts with hosts that are not financial assets within the scope of KIFRS 1109 (e.g. financial liabilities) are treated as separate derivatives when they meet the definition of a derivative, their risks and characteristics are not closely related to those of the host contracts and the host contracts are not measured at FVTPL.

### 2.25.2 Hedge accounting

The Group designates certain derivatives as hedging instruments in respect of foreign currency risk and interest rate risk in fair value hedges, cash flow hedges, or hedges of net investments in foreign operations. Hedges of foreign exchange risk on firm commitments are accounted for as cash flow hedges.

At the inception of the hedge relationship, the Group documents the relationship between the hedging instrument and the hedged item, along with its risk management objectives and its strategy for undertaking various hedge transactions.

Furthermore, at the inception of the hedge and on an ongoing basis, the Group documents whether the hedging instrument is effective in offsetting changes in fair values or cash flows of the hedged item attributable to the hedged risk, which is when the hedging relationships meet all of the following hedge effectiveness requirements:

- There is an economic relationship between the hedged item and the hedging instrument:
- > The effect of credit risk does not dominate the value changes that result from that economic relationship; and
- The hedge ratio of the hedging relationship is the same as that resulting from the quantity of the hedged item that the Group actually hedges and the quantity of the hedging instrument that the Group actually uses to hedge that quantity of hedged item

### 2.25.3 Fair value hedges

The fair value change on qualifying hedging instruments is recognized in profit or loss except when the hedging instrument hedges an equity instrument designated at FVOCI in which case it is recognized in other comprehensive income.

The carrying amount of a hedged item not already measured at fair value is adjusted for the fair value change attributable to the hedged risk with a corresponding entry in profit or loss. For debt instruments measured at FVOCI, the carrying amount is not adjusted as it is already at fair value, but the hedging gain or loss is recognized in profit or loss instead of other comprehensive income. When the hedged item is an equity instrument designated at FVOCI, the hedging gain or loss remains in other comprehensive income to match that of the hedging instrument.

Where hedging gains or losses are recognized in profit or loss, they are recognized in the same line as the hedged item.

The Group discontinues hedge accounting only when the hedging relationship (or a part thereof) ceases to meet the qualifying criteria (after rebalancing, if applicable). This includes instances when the hedging instrument expires or is sold, terminated or exercised. The discontinuation is accounted for prospectively. The fair value adjustment to the carrying amount of the hedged item arising from the hedged risk is amortized to profit or loss from that date.

### 2.25.4 Cash flow hedges

The effective portion of changes in the fair value of derivatives and other qualifying hedging instruments that are designated and qualify as cash flow hedges is recognized in other comprehensive income limited to the cumulative change in fair value of the hedged item from inception of the hedge. The gain or loss relating to the ineffective portion is recognized immediately in profit or loss.

The Group discontinues hedge accounting only when the hedging relationship (or a part thereof) ceases to meet the qualifying criteria (after rebalancing, if applicable). This includes instances when the hedging instrument expires or is sold, terminated or exercised. The discontinuation is accounted for prospectively. Any gain or loss recognized in other comprehensive income and accumulated in cash flow hedge reserve at that time remains in equity and is reclassified to profit or loss when the forecast transaction occurs. When a forecast transaction is no longer expected to occur, the gain or loss accumulated in cash flow hedge reserve is reclassified immediately to profit or loss.

## 2.26 Revenue recognition

The Group has applied KIFRS 1115 Revenue from Contracts with Customers. The Group operates oil refining, telecommunications, wholesale and retail businesses, chemical products, and construction. When control of a good or service is transferred to the customer, the Group recognizes revenue considering the variable consideration, such as return and discount, from the fair value of the consideration to which it expects to be entitled in exchange for the good or service.

### 2.26.1 Sale of goods

Revenue from the sale of goods is generally recognized at the time when control of the goods is transferred to the customer, i.e. at the time of delivery of the goods.

## 2.26.2 Rendering of services

The Group provides services such as construction contracts and system construction services. For construction contracts and system construction services, revenue is recognized over time at the rate of progress under the input method because the Group has no alternative use for completing the obligation for the assets created by the Group that have completed the performance so far, and because the Group has a enforceable right to payment for the completed performance.

In the case of providing other services, the Group is obliged to provide the customer with the related services during the contract period, so the transaction price allocated to the performance obligation is recognized as revenue over the period where the services are provided.

### 2.26.3 Commissions

When the Group acts in the capacity of an agent rather than as the principal in a transaction, the revenue recognized is the net amount of commission made by the Group.

#### 2.26.4 Rental income and others

Rental income from investment property is recognized in profit or loss on a straight-line basis over the term of the lease. Lease incentives granted are recognized as an integral part of the total rental income, over the term of the lease. Rental income from subleased property is recognized as other income.

#### 2.26.5 Contract assets and liabilities

A contract asset is the right to consideration in exchange for goods or services transferred to the customer. If the Group performs by transferring goods or services to a customer before the customer pays consideration or before payment is due, a contract asset is recognized for the earned consideration that is conditional.

A contract liability is the obligation to transfer goods or services to a customer for which the Group has received consideration (or an amount of consideration is due) from the customer. If a customer pays consideration before the Group transfers goods or services to the customer, a contract liability is recognized when the payment is made or the payment is due (whichever is earlier). Contract liabilities are recognized as revenue when the Group performs its performance obligations under the contract.

#### 2.27 Income tax

Income tax expense represents the sum of the tax currently payable and deferred tax. Current and deferred tax are recognized in profit or loss, except when they relate to items that are recognized in OCI or directly in equity, in which case, the current and deferred tax are also recognized in OCI or directly in equity.

#### 2.27.1 Current tax

The tax currently payable is based on taxable profit for the year. Taxable profit differs from profit as reported in the consolidated statement of profit or loss and comprehensive income because of items of income or expense that are taxable or deductible in other years and items that are never taxable or deductible. The Group's liability for current tax is calculated using tax rates that have been enacted or substantively enacted by the end of the reporting period.

#### 2.27.2 Deferred tax

Deferred tax is recognized on temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognized for all taxable temporary differences. Deferred tax assets are generally recognized for all deductible temporary differences to the extent it is probable that taxable profits will be available against which those deductible temporary differences can be utilized. Such deferred tax assets and liabilities are not recognized if the temporary difference arises from goodwill or from the initial recognition (other than in a business combination) of other assets and liabilities in a transaction that affects neither the taxable profit nor the accounting profit.

Deferred tax liabilities are recognized for taxable temporary differences associated with investments in subsidiaries and associates and interests in joint ventures, except where the Group is able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future.

Deferred tax assets arising from deductible temporary differences associated with such investments and interests are only recognized to the extent it is probable that there will be sufficient taxable profits against which the benefits of the temporary differences can be utilized and they are expected to reverse in the foreseeable future. The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realized, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

### 2.27.2 Deferred tax (cont'd)

Deferred tax assets and liabilities are offset if, and only if, the Group has a legally enforceable right to set off current tax assets against current tax liabilities, and the deferred tax assets and liabilities relate to income taxes are levied by the same taxation authority on either the same taxable entity or different taxable entities that intend either to settle current tax liabilities and assets on a net basis, or to realize the assets and settle the liabilities simultaneously, in each future period in which significant amounts of deferred tax liabilities or assets are expected to be settled or recovered.

## 2.27.3 Current tax and deferred tax for the year

Current tax and deferred tax are recognized in profit or loss, except when they relate to items that are recognized in OCI or directly in equity, in which case the current tax and deferred tax are also recognized in OCI or directly in equity. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.

### 2.28 Earnings per share

Basic earnings per share are calculated by dividing the profit or loss attributable to ordinary equity holders of the Company by the weighted-average number of ordinary shares outstanding during the period, adjusted for own shares held. Diluted earnings per share are determined by adjusting the profit or loss attributable to ordinary shareholders and the weighted-average number of ordinary shares outstanding, adjusted for own shares held, for the effects of all dilutive potential ordinary shares.

#### 2.29 Fair value

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Group takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date.

Fair value for measurement and/or disclosure purposes in these consolidated financial statements is determined on such a basis, except for share-based payment transactions that are within the scope of KIFRS 1102 *Share-based Payment*; leasing transactions that are within the scope of KIFRS 1116 *Leases*; and measurements that have some similarities to fair value, but are not fair value, such as net realizable value in KIFRS 1002 *Inventories* or value in use in KIFRS 1036 *Impairment of Assets*.

In addition, for financial reporting purposes, fair value measurements are categorized into Level 1, 2 or 3, based on the degree to which the inputs to the fair value measurements are observable and the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

- ➤ Level 1: inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date;
- Level 2: inputs are fair value, derived from inputs, other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and
- Level 3: inputs are fair value, derived from unobservable inputs for the asset or liability

### 3. Significant accounting judgments, estimates and assumptions

When preparing the consolidated financial statements, management is required to make judgments, estimates and assumptions that affect the reported amount of assets, liabilities, revenues and expenses. Actual results may be different from those estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period or in the period of the revision and future periods if the revision affects both current and future periods.

The following are the key assumptions concerning the future, and other key sources of estimation uncertainty at the end of the reporting period, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year.

### 3.1 Impairment of non-financial assets

The Group assesses at each reporting date, whether there is an indication of impairment of its non-financial assets. If any indication exists, or annually, intangible assets with indefinite useful lives including brand contract-related asset are tested for impairment. Other non-financial assets are tested for impairment when there is an indication that the carrying amount of an asset is not recoverable. In assessing value in use, management estimates future cash flows of the assets or CGU and determines an appropriate discount rate to calculate the present value of the estimated future cash flows.

#### 3.2 Valuation of financial instruments

Subsequent to initial recognition, investment securities and others are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss or OCI. Where the fair value of financial assets and financial liabilities recorded in the consolidated statements of financial position cannot be derived from active markets, the Group uses valuation techniques that require the management's judgments on the expected future cash flows and discount rates.

### 3.3 Bad debt allowance for trade receivables, loans and other receivables

The Group estimates a bad debt allowance for trade receivables, loans and other receivables, based on the aging of receivables and past experience of bad debt, as well as observable changes in economic and industrial conditions that correlate with default on receivables.

# 3.4 Measurement and useful lives of tangible and intangible assets

If the Group acquires property, plant and equipment or intangible assets from business combination, it is required to estimate the fair value of these assets at the acquisition date. For estimating the useful lives of tangible and intangible assets, significant management judgment is required.

### 3.5 Defined benefit plan

The Group's defined benefit liabilities is determined based on the actuarial valuation carried out at the end of each annual reporting period. Actuarial assumptions are the Group's best estimates of the variables in determining the cost of providing post-retirement benefits, such as discount rates, rates of expected future salary increases and mortality rates. Significant estimation uncertainty is likely to persist in making such assumptions due to the long-term nature of post-retirement benefit plan.

### 3.6 Deferred tax assets

Recognition and measurement of deferred tax assets and liabilities requires significant management judgment. Especially, when determining if deferred tax assets will be realizable or not in the future, it involves significant management assumptions and judgment on the Group's future performance.

### 3.7 COVID-19 related matters

In order to prevent the spread of COVID-19, various prevention and control measures including restrictions on movement are being implemented worldwide, and as a result, the global economy is widely affected. The Group invests in companies operating in various industries, including petroleum refining, telecommunications, wholesale and retail, chemicals, construction and others, and is exposed to market uncertainties due to the influence of COVID-19. This can negatively affect productivity, sales decline or delay, collection of existing receivables, discount rates and indicators used for various estimates, which can negatively affect the Group's financial position and financial performance. The Group prepared financial statements by reasonably estimating the impact of COVID-19 on the Group. However, there is significant uncertainty in estimating the impact of COVID-19 on the Group.

## 4. Operating segments

#### (1) Overview of operating segments

The Group makes decisions on resources to be allocated to business segments and divides the business segments based on the internal reports which the chief operating decision maker periodically reviews to evaluate the performances of the sales segments. Details of segment operations of each segment are as follows:

| Operating segments      | Business  |
|-------------------------|---|
| SK Innovation Co., Ltd. | Petroleum refining, chemical, lubricating oil, battery and resources development      |
| SK Telecom Co., Ltd.    | Wireless and wired telecommunication  |
| SK Square Co., Ltd.     | Semiconductor and New ICT   |
| SK Networks Co., Ltd.   | Information communication, rental and trade   |
| SKC Co., Ltd.           | Chemical, Electronic Materials and mobility material                                  |
| SK E&S Co., Ltd.        | Gas and energy  |
| SK Ecoplant Co., Ltd.   | Civil engineering, housing, plant and others  |
| Others                  | IT services, special gas manufacturing and sale, medicine and life science and others |

(2) Details of financial information for each operating segment as of and for the years ended December 31, 2022 and 2021 are as follows (Korean won in billions):

|                            |            |           |           | As of and for t | he year ended | d December 3 | 1, 2022   |            |              |           |
|----------------------------|------------|-----------|-----------|-----------------|---------------|--------------|-----------|------------|--------------|-----------|
|                            | SK         | SK        | SK        | SK              |               |              | SK        | Co         | onsolidation |           |
|                            | Innovation | Telecom   | Square    | Networks        | SKC           | SK E&S       | Ecoplant  | a          | djustments   |           |
|                            | Co., Ltd.  | Co., Ltd. | Co., Ltd. | Co., Ltd.       | Co., Ltd.     | Co., Ltd.    | Co., Ltd. | Others     | (*1)         | Total     |
| Total sales                | ₩ 78,057   | ₩ 17,305  | ₩ 4,511   | ₩ 9,666         | ₩ 3,139       | ₩ 11,249     | ₩ 7,551 ₩ | ₹ 10,407 ₩ | (7,333)      | ₩ 134,552 |
| Internal sales             | (782)      | (266      | ) (1,163) | (1,135)         | (383)         | (332)        | (43)      | (3,229)    | 7,333        | -         |
| Net sales                  | 77,275     | 17,039    | 3,348     | 8,531           | 2,756         | 10,917       | 7,508     | 7,178      | -            | 134,552   |
| Profit (loss) from         | 2,860      | 1,236     | 101       | 81              | 159           | 1,323        | 59        | 1,581      | (1,491)      | 5,909     |
| continuing operations      |            |           |           |                 |               |              |           |            |              |           |
| before income tax          |            |           |           |                 |               |              |           |            |              |           |
| expense                    |            |           |           |                 |               |              |           |            |              |           |
| Profit (loss) for the year | 1,895      | 948       | 97        | 68              | 168           | 970          | 36        | 1,443      | (2,090)      | 3,535     |
| from continuing            |            |           |           |                 |               |              |           |            |              |           |
| operations                 |            |           |           |                 |               |              |           |            |              |           |
| Total assets               | 67,219     | 31,308    |           | 9,499           | 6,393         | 18,466       | 13,322    | 59,224     | (33,086)     | 194,506   |
| Total liabilities          | 43,977     | 19,153    |           | 7,049           | 4,151         | 11,770       | 9,579     | 22,958     | (937)        | 122,697   |
| Depreciation               | 1,616      | 2,897     | 282       | 823             | 209           | 494          | 97        | 712        | (81)         | 7,049     |
| Amortization               | 177        | 858       | 92        | 29              | 43            | 20           | 71        | 137        | 308          | 1,735     |
|                            |            |           |           |                 |               |              |           |            |              |           |

# 4. Operating segments (cont'd)

|                            |            |           |           | As of and for t | he year ended | d December 3 | 1, 2021   |         |             |          |
|----------------------------|------------|-----------|-----------|-----------------|---------------|--------------|-----------|---------|-------------|----------|
|                            | SK         | SK        | SK        | SK              |               |              | SK        | Co      | nsolidation |          |
|                            | Innovation | Telecom   | Square    | Networks        | SKC           | SK E&S       | Ecoplant  | ac      | djustments  |          |
|                            | Co., Ltd.  | Co., Ltd. | Co., Ltd. | Co., Ltd.       | Co., Ltd.     | Co., Ltd.    | Co., Ltd. | Others  | (*1)        | Total    |
| Total sales                | ₩ 46,853   | ₩ 19,132  | ₩ 1,146   | ₩ 11,018        | ₩ 2,264       | ₩ 7,855      | ₩ 6,221 ₩ | 8,813 ₩ | (6,098)     | ₩ 97,204 |
| Internal sales             | (503)      | (365)     | (602)     | (1,284)         | (325)         | (271)        | (303)     | (2,445) | 6,098       | -        |
| Net sales                  | 46,350     | 18,767    | 544       | 9,734           | 1,939         | 7,584        | 5,918     | 6,368   | -           | 97,204   |
| Profit (loss) from         | 818        | 3,071     | 366       | 107             | 393           | 663          | 202       | 4,530   | (4,168)     | 5,982    |
| continuing operations      |            |           |           |                 |               |              |           |         |             |          |
| before income tax          |            |           |           |                 |               |              |           |         |             |          |
| expense                    |            |           |           |                 |               |              | 7         |         | (0.440)     |          |
| Profit (loss) for the year | 445        | 2,419     | 363       | 61              | 267           | 389          | /         | 3,809   | (2,419)     | 5,341    |
| from continuing            |            |           |           |                 |               |              |           |         |             |          |
| operations                 | 10.515     | 00.044    | 00.000    | 0.444           | 0.400         | 45 477       | 0.444     | 54000   | (04.500)    | 405.000  |
| Total assets               | 49,545     | 30,911    | 22,639    | 9,411           | 6,180         | 15,477       | 8,114     | 54,682  | (31,590)    | 165,369  |
| Total liabilities          | 29,924     | 18,576    | 5,784     | 7,022           | 3,898         | 9,206        | 6,908     | 19,793  | (1,295)     | 99,816   |
| Depreciation               | 1,408      | 3,103     | 46        | 828             | 178           | 507          | 80        | 612     | (62)        | 6,700    |
| Amortization               | 105        | 1,011     | 17        | 24              | 31            | 7            | 50        | 113     | 330         | 1,688    |

- (\*1) Consolidation adjustments of the Parent Company, excluding consolidation adjustments of each subsidiary.
- (3) Details of financial information by geographical location as of and for the years ended December 31, 2022 and 2021 are as follows (Korean won in billions):

|  |   | As of and for the year ended December 31, 2022 |        |     |        |       |          |        |               |         |  |
|--|---|--|--------|-----|--------|-------|----------|--------|---------------|---------|--|
|  |   |  |        |     |        | North |          |        | Consolidation |         |  |
|  |   | Korea  | Asia   | Eur | ope    | _Ar   | merica   | Others | adjustments   | Total   |  |
| Total sales  | ₩ | 167,546 ₩                                      | 49,417 | ₩ 1 | 10,780 | ₩     | 13,107 ₩ | 519    | ₩ (106,817)₩  | 134,552 |  |
| Operating profit (loss)  |   | 9,901  | 730    |     | (163)  |       | (348)    | 348    | (2,463)       | 8,005   |  |
| Profit (loss) from<br>continuing operations<br>before income tax expense |   | 9,079  | 669    |     | (237)  |       | (788)    | 321    | (3,135)       | 5,909   |  |
| Profit (loss) for the year from continuing operations                    |   | 6,785  | 532    |     | (263)  |       | (794)    | 170    | (2,895)       | 3,535   |  |
| Total assets   |   | 210,994  | 24,207 | •   | 11,495 |       | 30,671   | 2,517  | (85,378)      | 194,506 |  |
| Total liabilities  |   | 108,453  | 9,869  |     | 6,666  |       | 8,545    | 985    | (11,821)      | 122,697 |  |

|  |   | As of and for the year ended December 31, 2021 |   |        |   |       |   |         |        |            |            |         |
|--|---|--|---|--------|---|-------|---|---------|--------|------------|------------|---------|
|  |   |  |   |        |   |       |   | North   |        | Con        | solidation |         |
|  |   | Korea  |   | Asia   |   | urope | A | merica  | Others | <u>adj</u> | ustments   | Total   |
| Total sales  | ₩ | 113,659  | ₩ | 29,503 | ₩ | 6,063 | ₩ | 7,323 ₩ | 428    | ₩          | (59,772)₩  | 97,204  |
| Operating profit (loss)  |   | 6,631  |   | 140    |   | 118   |   | (52)    | 191    |            | (2,168)    | 4,860   |
| Profit (loss) from<br>continuing operations<br>before income tax expense |   | 10,954   |   | 799    |   | 171   |   | (118)   | 1,276  |            | (7,100)    | 5,982   |
| Profit (loss) for the year from continuing operations                    |   | 8,290  |   | 756    |   | 103   |   | (71)    | 1,023  |            | (4,760)    | 5,341   |
| Total assets   |   | 186,838  |   | 18,548 |   | 6,082 |   | 20,990  | 1,595  |            | (68,684)   | 165,369 |
| Total liabilities  |   | 92,035   |   | 6,158  |   | 2,900 |   | 5,960   | 521    |            | (7,758)    | 99,816  |

## 4. Operating segments (cont'd)

(4) Details of financial information by revenue from contracts with customers for the years ended December 31, 2022 and 2021 are as follows (Korean won in billions):

|   |                         |                       |                     | For t                 | he vear ended        | d December 31         | . 2022    |                  |                 |
|---|-------------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|-----------|------------------|-----------------|
|   | SK                      | SK                    | SK                  | SK                    |                      |                       | SK        |                  |                 |
|   | Innovation              | Telecom               | Square              | Networks              | SKC                  | SK E&S                | Ecoplant  | Consolida        |                 |
| 4 = 4 + 4   | Co., Ltd.               | Co., Ltd.<br>₩ 17.305 | Co., Ltd.           | Co., Ltd.<br>₩ 9.666  | Co., Ltd.<br>₩ 3.139 | Co., Ltd.<br>₩ 11,249 |           | Others adjustme  |                 |
| 1. Total sales  | ₩ 78,057                |                       |                     |                       |                      |                       |           |                  | (,333) ₩134,552 |
| Revenue from     contracts with     customers     Categories: | 78,026                  | 17,305                | 4,146               | 7,777                 | 3,139                | 11,242                | 7,500     | 9,210 (5         | ,839) 132,506   |
| Service sales   | 338                     | 15,805                | 2,960               | 428                   | -                    | -                     | 7,162     | 2,958 (2         | (,650) 27,001   |
| Finished goods sales  | 73,254                  | 2                     | 43                  | 325                   | 2,713                | 4,726                 | 243       | 5,148 (1         | ,541) 84,913    |
| Merchandise sales   | 2,464                   | 1,036                 | 897                 | 7,018                 | 411                  | 6,321                 | 63        | 1,048 (1         | ,549) 17,709    |
| Other sales   | 1,970                   | 462                   | 246                 | 6                     | 15                   | 195                   | 32        | 56               | (99) 2,883      |
|   | 78,026                  | 17,305                | 4,146               | 7,777                 | 3,139                | 11,242                | 7,500     | 9,210 (5         | ,839) 132,506   |
| Timing of revenue<br>recognition:                             |                         |                       |                     |                       |                      |                       |           |                  |                 |
| Recognition at a point in time Recognition over a             | 77,688                  | 1,500                 | 1,186               | 7,349                 | 3,139                | 1,422                 | 338       | 6,252 (3         | 3,189) 95,685   |
| period of time  | 338                     | 15,805                | 2.960               | 428                   | _                    | 9.820                 | 7,162     | 2,958 (2         | 2,650) 36,821   |
| portou or anno  | 78,026                  | 17,305                | 4,146               | 7,777                 | 3,139                | 11,242                | 7,500     |                  | 5.839) 132.506  |
| Revenue from<br>other sources                                 | 31                      |                       | 365                 | 1,889                 | -                    | 7                     | 51        |                  | (,494) 2,046    |
|   |                         |                       |                     | For t                 | he year ended        | d December 31         | , 2021    |                  |                 |
|   | SK                      | SK                    | SK                  | SK                    |                      |                       | SK        |                  |                 |
|   | Innovation<br>Co., Ltd. | Telecom<br>Co., Ltd.  | Square<br>Co., Ltd. | Networks<br>Co., Ltd. | SKC<br>Co., Ltd.     | SK E&S<br>Co., Ltd.   |           | Others Consolida | nts Total       |
| Total sales   | ₩ 46,853                | ₩ 19,132              |                     | ₩ 11,018              | ₩ 2,264              |                       | ₩ 6,221 ₩ |                  | ,098) ₩ 97,204  |
| Revenue from     contracts with     customers     Categories: | 46,822                  | 19,132                | 704                 | 9,134                 | 2,264                | 7,848                 | 6,209     | 7,998 (4         | ,865) 95,246    |
| Service sales   | 277                     | 17,746                | 501                 | 365                   | -                    | -                     | 6,176     | 2,838 (2         | (166) 25,737    |
| Finished goods sales  | 44,197                  | 28                    | 14                  | 462                   | 1,999                | 3,194                 |           | 4,097 (1         | ,114) 52,877    |
| Merchandise sales   | 1,264                   | 1,267                 | 139                 | 8,305                 | 231                  | 4,559                 | 19        | 1,039 (1         | ,545) 15,278    |
| Other sales   | 1,084                   | 91                    | 50                  | 2                     | 34                   | 95                    | 14        | 24               | (40) 1,354      |
|   | 46,822                  | 19,132                | 704                 | 9,134                 | 2,264                | 7,848                 | 6,209     | 7,998 (4         | ,865) 95,246    |
| Timing of revenue<br>recognition:                             |                         |                       |                     |                       |                      |                       |           |                  |                 |
| Recognition at a point in time Recognition over a             | 46,545                  | 1,434                 | 203                 | 8,769                 | 2,264                | 1,069                 | 33        | 5,160 (2         | 2,699) 62,778   |
| period of time  | 277                     | 17,698                | 501                 | 365                   | _                    | 6,779                 | 6,176     | 2,838 (2         | 2,166) 32,468   |
| F   | 46,822                  | 19,132                | 704                 | 9,134                 | 2,264                | 7,848                 | 6,209     |                  | 1,865) 95,246   |
| Revenue from other sources                                    | 31                      |                       | 442                 | 1,884                 | -,                   | 7                     | 12        |                  | 1,233) 1,958    |

### 5. Acquisitions and disposals of subsidiaries and non-controlling interests

# 5.1 Acquisitions of significant subsidiaries

Significant acquisitions of subsidiaries during the year ended December 31, 2022 are listed in Note 40.

### 5.2 Disposal of investments in subsidiaries

1) Disposal of SK Ecoengineering Co., Ltd. performed by SK Ecoplant Co., Ltd. During the year ended December 31, 2022, SK Ecoplant Co., Ltd., a subsidiary of the Group, sold its entire stake in SK Ecoengineering Co., Ltd. to Ecoenergy Holdings Ltd., changing its ownership in SK Ecoengineering Co., Ltd. from 100% to 49.99% and losing control over the entity. As a result, SK Ecoengineering Co., Ltd. was reclassified from a subsidiary to an associate of the Group.

### 5.3 Other significant equity transactions

1) Redeemable convertible preferred shares and convertible preferred shares issued by SK Ecoplant Co., Ltd.

SK Ecoplant Co., Ltd. a subsidiary of the Group, issued 940,000 shares of non-voting redeemable convertible preferred shares in accordance with a resolution of the Board of Directors held on June 14, 2022. The issuance date of the redeemable convertible preferred stock is June 29, 2022, and the issuance amount is  $\mathbb{W}400,003$  million (issue price per share:  $\mathbb{W}425,535$ , par value:  $\mathbb{W}5,000$ ). The entity also issued 1,333,334 shares of convertible preferred shares in accordance with the resolution of the Board of Directors held on June 30, 2022, of which the issuance date of the convertible preferred shares is July 22, 2022, and the issuance amount is  $\mathbb{W}600,000$  million (issue price per share:  $\mathbb{W}450,000$ , par value:  $\mathbb{W}5,000$ ).

# 2) Paid-in capital increase of SK ON Co., Ltd

SK ON Co., Ltd. a subsidiary of the Group, conducted a third-party allocation paid-in capital increase (14,987,801 shares) on December 21, 2022. As a result, the Group's stake in SK ON Co., Ltd. decresed from 100% to 96.5%, and the Group's non-controlling interest increased by \text{\text{\$\psi}}484,097 million.

### 3) Paid-in capital increase of BlueOval SK, LLC

SK Battery America, Inc. a subsidiary of the Group, acquired a 50% stake in BlueOval SK, LLC, a joint venture with Ford Motor Company. As a result, the non-controlling interest of the Group increased by  $\mathbb{W}926,189$  million.

### 4) Paid-in capital increase of Tmap Mobility Co., Ltd.

Tmap Mobility Co., Ltd. a subsidiary of the Group, conducted a third-party allocation paid-in capital increase (1,487,111 shares) on September 6, 2022. As a result, the Group's stake in Tmap Mobility Co., Ltd. decreased from 66.3% to 60.1%, and the Group's non-controlling stake increased by \$194,239 million.

## 5) Paid-in capital increase of SK REITs Co., Ltd.

SK REITs Co., Ltd. a subsidiary of the Group, conducted a paid-in capital increase (41,533,547 shares) in the general public offering of real estate stocks after allocating shareholders on August 12, 2022. As a result, the Group's stake in SK REITs Co., Ltd. decreased from 50.0% to 42.9%, and the non-controlling interest of the Group increased by \$171,632 million.

# 6. Financial instruments

## 6.1 Financial assets

Details of financial assets as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                  |             | De          | ecember 31, 2022 |             |              |
|----------------------------------|-------------|-------------|------------------|-------------|--------------|
|                                  |             |             |                  | Financial   |              |
|                                  | Financial   | Financial   | Financial        | assets      |              |
|                                  | assets      | assets      | assets           | designated  |              |
|                                  | measured at | measured at | measured at      | as hedging  |              |
|                                  | FVTPL       | FVOCI       | amortized cost   | instruments | Total        |
| Current assets                   |             |             |                  |             |              |
| Cash and cash equivalents        | ₩ 3,782,673 | ₩ -         | ₩ 17,611,180     | ₩ -         | ₩ 21,393,853 |
| Short-term financial instruments | 2,240,613   | -           | 1,486,660        | -           | 3,727,273    |
| Trade receivables (*1)           | 45,369      | -           | 13,138,018       | -           | 13,183,387   |
| Other receivables `              | 162,617     | -           | 3,397,174        | -           | 3,559,791    |
| Short-term loans                 | -           | -           | 132,368          | -           | 132,368      |
| Accrued income                   | -           | -           | 117,013          | -           | 117,013      |
| Short-term investment securities | 230,576     | -           | 10,045           | -           | 240,621      |
| Guarantee deposits               | -           | -           | 469,258          | -           | 469,258      |
| Derivative financial assets      | 210,773     | -           | -                | 229,353     | 440,126      |
| Lease receivables                |             | <u>-</u>    | 27,745           |             | 27,745       |
|                                  | 6,672,621   |             | 36,389,461       | 229,353     | 43,291,435   |
| Non-current assets               |             |             |                  |             |              |
| Long-term financial instruments  | 24,580      | -           | 87,904           | -           | 112,484      |
| Long-term trade receivables      | -           | -           | 517,701          | -           | 517,701      |
| Long-term other receivables      | 170,052     | -           | 210,912          | -           | 380,964      |
| Long-term loans                  | -           | -           | 408,954          | -           | 408,954      |
| Long-term investment securities  | 1,976,650   | 5,972,901   | 946              | -           | 7,950,497    |
| Guarantee deposits               | -           | -           | 692,386          | -           | 692,386      |
| Derivative financial assets      | 852,842     | -           | -                | 333,817     | 1,186,659    |
| Lease receivables                |             |             | 59,316           |             | 59,316       |
|                                  | 3,024,124   | 5,972,901   | 1,978,119        | 333,817     | 11,308,961   |
|                                  | ₩ 9,696,745 | ₩ 5,972,901 | ₩ 38,367,580     | ₩ 563,170   | ₩ 54,600,396 |

<sup>(\*1)</sup> Contract assets (unbilled receivables) amounting to  $\mathbb{W}1,151,145$  million as of December 31, 2022 are not included in the financial assets.

# 6.1 Financial assets (cont'd)

|                                  |              | De          | ecember 31, 2021    |             |            |
|----------------------------------|--------------|-------------|---------------------|-------------|------------|
|                                  |              |             |                     | Financial   |            |
|                                  | Financial    | Financial   | Financial           | assets      |            |
|                                  | assets       | assets      | assets              | designated  |            |
|                                  | measured at  | measured at | measured at         | as hedging  |            |
|                                  | FVTPL        | FVOCI       | amortized cost      | instruments | Total      |
| Current assets                   |              |             |                     |             |            |
| Cash and cash equivalents        | ₩ 2,800,214  | ₩ -         | ₩ 9,517,341         | ₩ - ₩       | 12,317,555 |
| Short-term financial instruments | 5,240,060    | -           | 884.690             | _           | 6,124,750  |
| Trade receivables (*1)           | 52,088       | _           | 10,598,250          | _           | 10,650,338 |
| Other receivables                | 203,029      | -           | 2,216,530           | _           | 2,419,559  |
| Short-term loans                 | -            | -           | 94.031              | _           | 94,031     |
| Accrued income                   | -            | -           | 114,924             | -           | 114,924    |
| Short-term investment securities | 353,310      | -           | 45                  | _           | 353,355    |
| Guarantee deposits               | -            | -           | 276,658             | -           | 276,658    |
| Derivative financial assets      | 92,402       | -           | · -                 | 39,229      | 131,631    |
| Lease receivables                | , -          | -           | 19,016              | , <u>-</u>  | 19,016     |
|                                  | 8,741,103    |             | 23,721,485          | 39,229      | 32,501,817 |
| Non-current assets               |              |             |                     |             |            |
| Long-term financial instruments  | 18,078       | -           | 30,014              | -           | 48,092     |
| Long-term trade receivables      | -            | -           | 391,739             | -           | 391,739    |
| Long-term other receivables      | 256,930      | -           | 61,954              | -           | 318,884    |
| Long-term loans                  | -            | -           | 411,711             | -           | 411,711    |
| Long-term investment securities  | 1,972,522    | 7,572,640   | 1,023               | -           | 9,546,185  |
| Guarantee deposits               | -            | -           | 711,104             | -           | 711,104    |
| Derivative financial assets      | 516,067      | -           | -                   | 224,550     | 740,617    |
| Lease receivables                |              |             | 36,175              | <u>-</u>    | 36,175     |
|                                  | 2,763,597    | 7,572,640   | 1,643,720           | 224,550     | 12,204,507 |
|                                  | ₩ 11,504,700 | ₩ 7,572,640 | <b>₩</b> 25,365,205 | ₩ 263,779 ₩ | 44,706,324 |

<sup>(\*1)</sup> Contract assets (unbilled receivables) amounting to \$737,104 million as of December 31, 2021 are not included in the financial assets.

# 6.2 Financial liabilities

Details of financial liabilities as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |  | Decemb  | per 31, 2022  |  |
|--|--|---|---|--|
|  | Financial<br>liabilities<br>measured at  | Other financial   | Financial<br>liabilities<br>designated as<br>hedging  |  |
|  | <u>FVTPL</u>   | liabilities   | instruments   | Total  |
| Current liabilities:   | 337  | - ₩ 17.457.29   | 7 117   | ₩ 17.457.297   |
| Short-term borrowings Trade payables   | ₩  | - ₩ 17,457,297<br>- 14,024,892  |   | ₩ 17,457,297<br>14,024,892   |
| Other payables   | 79,30  |   |   | 7,204,577  |
| Current portion of long-term debt  | 19,50  | - 11,373,120  |   | 11,373,120   |
| Accrued expenses   |  | - 4,821,37°   |   | 4,821,371  |
| Dividends payable  |  | - 93  |   | 935  |
| Leasehold deposits received  |  | - 167,538   |   | 167,538  |
| Derivative financial liabilities   | 165,6  |   | 42,577  |  |
| Lease liabilities  | ,-   | - 1,286,208   |   | 1,286,208  |
| Finance guarantee liabilities  |  | - 1,508   |   | 1,508  |
| Financial liabilities at fair value  |  | ,   |   | ,  |
| through profit or loss   | 57,2   |   | <u>-                                      </u>  | 57,218   |
|  | 302,13   | 56,258,142  | 42,577  | 56,602,858   |
| Non-current liabilities:   |  |   |   |  |
| Bonds payable and long-term  |  | - 45,641,745  | 5 -   | 45,641,745   |
| borrowings   |  |   |   |  |
| Long-term other payables   | 161,55   | , ,   |   | 1,513,207  |
| Long-term accrued expenses   | 43,07  |   |   | 60,537   |
| Leasehold deposits received  |  | - 432,61  |   | 432,615  |
| Derivative financial liabilities   | 813,86   |   | - 4,558   |  |
| Lease liabilities  |  | - 4,220,239   |   | 4,220,239  |
| Financial guarantee liabilities  |  | - 23,400  | -   | 23,400   |
| Financial liabilities at fair value  | 04.00  |   |   | 04.055   |
| through profit or loss   | 91,35  |   |   | 91,355   |
|  |  |   |   |  |
|  | ₩ 1,411,97   | <u> </u>  | <u>y</u> <u>w 47,133</u>  | <u>w 109,404,373</u>   |
|  |  | D   | er 31, 2021   |  |
|  |  | Decemi  |   | -  |
|  | Financial  | Decemb  | Financial   |  |
|  | Financial  | Decemb  | Financial<br>liabilities  |  |
|  | liabilities  |   | Financial<br>liabilities<br>designated as   |  |
|  | liabilities<br>measured at   | Other financial   | Financial<br>liabilities<br>designated as<br>hedging  | Total  |
| Current liabilities:   | liabilities  |   | Financial<br>liabilities<br>designated as   | Total  |
| Current liabilities:<br>Short-term borrowings  | liabilities<br>measured at   | Other financial liabilities   | Financial<br>liabilities<br>designated as<br>hedging<br>instruments                                 |  |
| Short-term borrowings  | liabilities<br>measured at<br>FVTPL  | Other financial liabilities   | Financial liabilities designated as hedging instruments   | . ₩ 7,657,381  |
|  | liabilities<br>measured at<br>FVTPL  | Other financial liabilities  - ₩ 7,657,38 - 9,519,544   | Financial liabilities designated as hedging instruments   |  |
| Short-term borrowings<br>Trade payables<br>Other payables  | liabilities<br>measured at<br>FVTPL  | Other financial liabilities  - ₩ 7,657,38 - 9,519,544   | Financial liabilities designated as hedging instruments   | 7,657,381<br>9,519,544   |
| Short-term borrowings Trade payables   | liabilities<br>measured at<br>FVTPL  | Other financial liabilities  - ₩ 7,657,38 - 9,519,54 - 7,015,738  | Financial liabilities designated as hedging instruments   | 7,657,381<br>9,519,544<br>7,049,872  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt  | liabilities<br>measured at<br>FVTPL  | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,54 - 9,519,54 - 7,828,07 - 7,828,07 - 4,845,94 - 88  | Financial liabilities designated as hedging instruments  W - 4                                      | 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses   | liabilities<br>measured at<br>FVTPL  | Other financial liabilities  - \( \preceq 7,657,38^{\cdots} \) - \( 9,519,54^{\cdots} \) 33 \( 7,015,738^{\cdots} \) - \( 7,828,07^{\cdots} \) - \( 4,845,940^{\cdots} \)   | Financial liabilities designated as hedging instruments  W - 4                                      | 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable   | liabilities<br>measured at<br>FVTPL  | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,54 - 9,519,54 - 7,828,07 - 7,828,07 - 4,845,94 - 88 - 198,776  | Financial liabilities designated as hedging instruments  W - 4                                      | 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940<br>887<br>198,776  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities  | liabilities<br>measured at<br>FVTPL<br>W                                       | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,54 - 9,519,54 - 7,828,07 - 7,828,07 - 4,845,94 - 88 - 198,776  | Financial liabilities designated as hedging instruments  W - 4                                      | 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940<br>887<br>198,776  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities  | liabilities<br>measured at<br>FVTPL<br>W                                       | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,544 - 9,519,544 - 7,828,07 - 4,845,944 - 88 - 198,776  | Financial liabilities designated as hedging instruments  W - 4                                      | 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940<br>887<br>198,776<br>321,570   |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value  | liabilities measured at FVTPL  W  34,13  | Other financial liabilities  - ₩ 7,657,38 - 9,519,54 - 9,519,54 - 7,828,07 - 4,845,94 - 88 - 198,77 - 12 - 1,250,89 - 642   | Financial liabilities designated as hedging instruments  W - 4                                      | 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940<br>87<br>198,776<br>321,570<br>1,250,891   |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities  | liabilities measured at FVTPL  W  34,13  | Other financial liabilities  - \( \psi \) 7,657,38' - 9,519,54' - 33 7,015,738' - 7,828,07' - 4,845,94( - 88' - 198,776' - 12 - 1,250,89' - 642'  | Financial liabilities designated as hedging instruments   I W - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - | . ₩ 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940<br>887<br>198,776<br>321,570<br>1,250,891<br>642<br>160,528  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss   | liabilities measured at FVTPL  W  34,13  | Other financial liabilities  - ₩ 7,657,38* - 9,519,544 33 7,015,739* - 7,828,07* - 4,845,940* - 88* - 198,770* 12 - 1,250,89* - 642*  | Financial liabilities designated as hedging instruments   I W - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - | . ₩ 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940<br>887<br>198,776<br>321,570<br>1,250,891<br>642<br>160,528  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss Non-current liabilities:  | liabilities measured at FVTPL  W  34,13  | Other financial liabilities  - \( \psi \) 7,657,38' - 9,519,54- 33 7,015,73' - 7,828,07' - 4,845,94( - 88' - 198,770' 12 - 1,250,89' - 642' 28 23 38,317,87'  | Financial liabilities designated as hedging instruments  W - 4                                      | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 887 198,776 321,570 1,250,891 642 160,528 38,834,102   |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term   | liabilities measured at FVTPL  W  34,13  | Other financial liabilities  - \( \psi \) 7,657,38' - 9,519,54' - 33 7,015,738' - 7,828,07' - 4,845,94( - 88' - 198,776' - 12 - 1,250,89' - 642'  | Financial liabilities designated as hedging instruments  W - 4                                      | . ₩ 7,657,381<br>9,519,544<br>7,049,872<br>7,828,071<br>4,845,940<br>87<br>198,776<br>321,570<br>1,250,891<br>642  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings  | liabilities measured at FVTPL  W  34,13  270,7                                 | Other financial liabilities  - \( \psi \) 7,657,38  - 9,519,54  33 7,015,738  - 7,828,07  - 4,845,940  - 888  - 198,770  12 - 1,250,89  - 642  28 - 642  - 42,620,14  | Financial liabilities designated as hedging instruments  ###  | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 887 198,776 321,570 1,250,891 642 160,528 38,834,102   |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables   | liabilities measured at FVTPL  W  34,13  | Other financial liabilities  - ₩ 7,657,38 - 9,519,54 -33 7,015,73 - 7,828,07 - 4,845,94 - 88 - 198,77 - 12 - 1,250,89 - 642 - 642 - 38,317,87 - 42,620,14 - 1,693,343   | Financial liabilities designated as hedging instruments  ###  | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 887 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables Long-term accrued expenses  | liabilities measured at FVTPL  W  34,13  270,7                                 | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,544 - 33 7,015,733 - 7,828,07 - 4,845,94( - 88 - 198,770 - 12 - 1,250,89 - 642 - 42,620,14 - 42,620,14 - 1,693,343 - 34,033                                      | Financial liabilities designated as hedging instruments  W - 4 - 4 - 5 - 6 - 50,858                 | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 887 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343 34,035   |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables Long-term accrued expenses Leasehold deposits received  | liabilities measured at FVTPL  W  34,13  270,7  160,52 465,33                  | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,544 - 9,519,573 - 7,828,07 - 4,845,944 - 88 - 198,776 - 122 - 1,250,89 - 642 - 42,620,14 - 42,620,14 - 34,033 - 34,033 - 298,473                                 | Financial liabilities designated as hedging instruments  W - 4                                      | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 87 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343 34,035 298,478                                  |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables Long-term accrued expenses Leasehold deposits received Derivative financial liabilities   | liabilities measured at FVTPL  W  34,13  270,7                                 | Other financial liabilities  - \( \psi \) 7,657,38  - 9,519,543  33 7,015,733  - 7,828,07  - 4,845,944  - 88  - 198,776  12  - 1,250,89  - 642  28  3 38,317,87  - 42,620,14  00 1,693,343  - 34,033  - 298,478             | Financial liabilities designated as hedging instruments  I W - 4 - 5 - 50,858                       | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 87 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343 34,035 298,478 439,235                          |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables Long-term accrued expenses Leasehold deposits received Derivative financial liabilities Lease liabilities   | liabilities measured at FVTPL  W  34,13  270,7  160,52 465,33                  | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,544 - 9,519,543 - 7,828,07 - 4,845,944 - 88 - 198,776 - 1,250,89 - 642 - 1,250,89 - 642 - 42,620,14 - 42,620,14 - 34,033 - 298,476 - 38,03,998                   | Financial liabilities designated as hedging instruments  W  | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 887 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343 34,035 298,478 439,235 3,803,999               |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables Long-term accrued expenses Leasehold deposits received Derivative financial liabilities Lease liabilities Financial guarantee liabilities                                     | liabilities measured at FVTPL  W  34,13  270,7  160,52 465,33                  | Other financial liabilities  - \( \psi \) 7,657,38  - 9,519,543  33 7,015,733  - 7,828,07  - 4,845,944  - 88  - 198,776  12  - 1,250,89  - 642  28  3 38,317,87  - 42,620,14  00 1,693,343  - 34,033  - 298,478             | Financial liabilities designated as hedging instruments  W  | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 87 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343 34,035 298,478 439,235                          |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables Long-term accrued expenses Leasehold deposits received Derivative financial liabilities Lease liabilities Financial guarantee liabilities Financial liabilities at fair value | liabilities measured at FVTPL  W  34,13  270,7  160,52  465,33  161,00  437,53 | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,54 - 33 7,015,73 - 7,828,07 - 4,845,940 - 88 - 198,770 - 1,250,89 - 642 - 1,250,89 - 642 - 38,317,87 - 42,620,14 - 34,033 - 298,473 - 3,803,998 - 16,910         | Financial liabilities designated as hedging instruments  W  | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 887 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343 34,035 298,478 439,235 3,803,999 16,910        |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables Long-term accrued expenses Leasehold deposits received Derivative financial liabilities Lease liabilities Financial guarantee liabilities                                     | liabilities measured at FVTPL  W  34,13  270,7  160,52  465,33  161,00  437,5  | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,54 - 33 7,015,73 - 7,828,07 - 4,845,940 - 88 - 198,770 - 12 - 1,250,89 - 642 - 42,620,14 - 34,033 - 34,033 - 38,03,99 - 16,910                                   | Financial liabilities designated as hedging instruments    W  | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 887 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343 34,035 298,478 439,235 3,803,999 16,910        |
| Short-term borrowings Trade payables Other payables Current portion of long-term debt Accrued expenses Dividends payable Leasehold deposits received Derivative financial liabilities Lease liabilities Finance guarantee liabilities Financial liabilities at fair value through profit or loss  Non-current liabilities: Bonds payable and long-term borrowings Long-term other payables Long-term accrued expenses Leasehold deposits received Derivative financial liabilities Lease liabilities Financial guarantee liabilities Financial liabilities at fair value | liabilities measured at FVTPL  W  34,13  270,7  160,52  465,33  161,00  437,53 | Other financial liabilities  - \( \psi \) 7,657,38 - 9,519,54 -33 7,015,73 - 7,828,07 - 4,845,94 - 88 - 198,77 - 12 - 1,250,89 - 642 - 642 - 38,317,87 - 42,620,14 - 34,03 - 34,03 - 34,03 - 298,47 - 16,91 - 16,91 - 16,91 | Financial liabilities designated as hedging instruments  I \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \      | 7,657,381 9,519,544 7,049,872 7,828,071 4,845,940 887 198,776 321,570 1,250,891 642 160,528 38,834,102 42,620,141 1,854,343 34,035 298,478 439,235 3,803,999 16,910 591,23 |

# 6.3 Gain and loss by category of financial instruments

Details of gain and loss by category of financial instruments for the years ended in December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |    |                   |                    | For the year          | end           | ed Decemb   | er 31, 2022   |  |   |
|--|----|-------------------|--------------------|-----------------------|---------------|---|---|--|---|
|  |    |                   |                    |                       |               | ain (loss)  | Gain (loss)   |  |   |
|  |    | ividends<br>ncome | Interest           | Interest              |               | 5   | on derivatives instruments                                  | Others                                 | Total   |
| Figure 3:1   | _  |                   | income             | expense               |               | urrency   |   |  |   |
| Financial assets measured at FVTPL   | ₩  | 19,257            | ₩ 184,589          | ₩ -                   | ₩             | (2,229)   | ₩ 3,782,541 ₩   | ₹ (830,091)₩                           | 3,154,067   |
| Financial assets measured at FVOCI   |    | 32,671            | 126                | -                     |               | (49)  | -   | (2,075,289)                            | (2,042,541)   |
| Financial assets measured at amortized cost  |    | -                 | 289,441            | -                     |               | 553,787   | -   | 183,483                                | 1,026,711   |
| Financial assets designated as hedging instruments   |    | -                 | -                  | -                     |               | -   | 37,815  | -                                      | 37,815  |
| Financial liabilities measured at FVTPL  |    | -                 | -                  | -                     |               | (14)  | (3,661,837)   | 29,041                                 | (3,632,810)   |
| Other financial liabilities Financial liabilities designated as  |    | -                 | -                  | (2,123,959)           | )             | (934,385)   | -   | -                                      | (3,058,344)   |
| hedging instruments  |    |                   |                    |                       |               |   | (192,536)   | <u>-</u>                               | (192,536)   |
|  | ₩  | 51,928            | ₩ 474,156          | ₩ (2,123,959)         | ₩             | (382,890)   | ₩ (34,017)₩   | <del>₹ (2,692,856</del> ) <del>₩</del> | (4,707,638)   |
|  |    |                   |                    | For the year          | end           | ed Decemb   | ner 31 2021   |  |   |
|  |    |                   |                    |                       |               |   |   |  |   |
|  |    |                   |                    | . oo you.             |               |   |   |  |   |
|  | Di | ividends          | Interest           | Interest              | G             | ain (loss)  | Gain (loss)<br>on derivatives                               |  |   |
|  |    | ividends<br>ncome | Interest income    | <del>-</del>          | G<br>or       | ain (loss)  | Gain (loss)   | Others                                 | Total   |
| Financial assets measured at FVTPL   |    |                   | income             | Interest<br>expense   | G<br>or       | ain (loss)<br>n foreign                               | Gain (loss)<br>on derivatives<br>instruments                |  | Total<br>1,253,795  |
|  | i  | ncome             | income             | Interest<br>expense   | G<br>or       | ain (loss)<br>n foreign<br>urrency                    | Gain (loss)<br>on derivatives<br>instruments                |  |   |
| at FVTPL<br>Financial assets measured  | i  | ncome<br>22,972   | income<br>₩ 30,659 | Interest<br>expense   | G<br>or       | ain (loss)<br>n foreign<br>urrency<br>30              | Gain (loss)<br>on derivatives<br>instruments                | ₹ 295,139 ₩                            | 1,253,795   |
| at FVTPL Financial assets measured at FVOCI Financial assets measured at amortized cost Financial assets designated as   | i  | 22,972<br>40,860  | income<br>₩ 30,659 | Interest<br>expense   | G<br>or       | ain (loss)<br>n foreign<br>urrency<br>30              | Gain (loss)<br>on derivatives<br>instruments                | 295,139 <del>W</del> 970,560           | 1,253,795<br>1,011,878  |
| at FVTPL Financial assets measured at FVOCI Financial assets measured at amortized cost  | i  | 22,972<br>40,860  | income<br>₩ 30,659 | Interest<br>expense   | G<br>or       | ain (loss)<br>n foreign<br>urrency<br>30              | Gain (loss) on derivatives instruments ₩ 904,995 ₩ -        | 295,139 <del>W</del> 970,560           | 1,253,795<br>1,011,878<br>1,129,286                           |
| at FVTPL Financial assets measured at FVOCI Financial assets measured at amortized cost Financial assets designated as hedging instruments Financial liabilities measured at FVTPL Other financial liabilities | i  | 22,972<br>40,860  | income<br>₩ 30,659 | Interest<br>expense   | G<br>or<br>ci | ain (loss) n foreign urrency 30 122 905,344           | Gain (loss) on derivatives instruments  ₩ 904,995 ₩ 291,759 | ₹ 295,139 ₩<br>970,560<br>82,139       | 1,253,795<br>1,011,878<br>1,129,286<br>291,759                |
| at FVTPL Financial assets measured at FVOCI Financial assets measured at amortized cost Financial assets designated as hedging instruments Financial liabilities measured at FVTPL                             | i  | 22,972<br>40,860  | income<br>₩ 30,659 | Interest expense  W - | G<br>or<br>ci | ain (loss) n foreign urrency 30 122 905,344 - (2,796) | Gain (loss) on derivatives instruments  ₩ 904,995 ₩ 291,759 | ₹ 295,139 ₩<br>970,560<br>82,139       | 1,253,795<br>1,011,878<br>1,129,286<br>291,759<br>(1,530,020) |

# 6.4 Fair values of financial instruments by hierarchy level

1) Fair values and book values of financial instruments as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|               | December 31, 2022 |              |            |   | December 31, 2021 |              |  |
|---------------|-------------------|--------------|------------|---|-------------------|--------------|--|
|               |                   | Book value   | Fair value |   | Book value        | Fair value   |  |
| Bonds payable | ₩                 | 35,862,966 ₩ | 34,930,988 | ₩ | 34,856,002        | ₩ 34,967,026 |  |
| Borrowings    |                   | 38,609,196   | 38,086,905 |   | 23,249,591        | 23,196,353   |  |

The fair value of bonds payable and borrowings was measured as the present value of the contractually determined stream of future cash flows discounted at the market interest rate (2.40% ~ 5.99%) regarding residual market risks. As the book values of other financial assets and other financial liabilities are reasonable approximations to fair values, the fair values have not been disclosed.

### 6.4 Fair values of financial instruments by hierarchy level (cont'd)

2) Details of fair values of financial instruments by hierarchy level as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|   | December 31, 2022 |             |           |      |           |   |            |  |
|---|-------------------|-------------|-----------|------|-----------|---|------------|--|
|   |                   | Level 1     | Level 2   |      | Level 3   |   | Total      |  |
| Financial assets:                       |                   |             | _         |      | _         |   | _          |  |
| Financial assets measured at FVTPL      | ₩                 | 430,499 ₩   | 6,380,535 | ₩    | 1,822,096 | ₩ | 8,633,130  |  |
| Financial assets measured at FVOCI      |                   | 2,853,745   | -         |      | 3,119,156 |   | 5,972,901  |  |
| Derivative financial assets             |                   | 861         | 878,318   |      | 747,606   |   | 1,626,785  |  |
|   | ₩                 | 3,285,105 ₩ | 7,258,853 | ₩    | 5,688,858 | ₩ | 16,232,816 |  |
| Financial liabilities:                  | -                 |             |           |      |           |   |            |  |
| Financial liabilities measured at FVTPL | ₩                 | <b>-</b> ₩  | _         | ₩    | 432,497   | ₩ | 432,497    |  |
| Derivative financial liabilities        |                   | -           | 228,490   |      | 798,123   |   | 1,026,613  |  |
|   | ₩                 | - ₩         | 228,490   | ₩    | 1,230,620 | ₩ | 1,459,110  |  |
|   |                   |             |           |      |           |   |            |  |
|   |                   |             | Decembe   | r 31 | , 2021    |   |            |  |
|   |                   | Level 1     | Level 2   |      | Level 3   |   | Total      |  |
| Financial assets:                       |                   |             |           |      |           |   |            |  |
| Financial assets measured at FVTPL      | ₩                 | 462,531 ₩   | 8,518,311 | ₩    | 1,915,389 | ₩ | 10,896,231 |  |
| Financial assets measured at FVOCI      |                   | 5,260,168   | _         |      | 2,312,472 |   | 7,572,640  |  |
| Derivative financial assets             |                   | 7,219       | 417,876   |      | 447,153   |   | 872,248    |  |
|   | ₩                 | 5,729,918 ₩ | 8,936,187 | ₩    | 4,675,014 | ₩ | 19,341,119 |  |
| Financial liabilities:                  |                   |             |           |      |           |   |            |  |
| Financial liabilities measured at FVTPL | ₩                 | <b>-</b> ₩  | _         | ₩    | 253,784   | ₩ | 253,784    |  |
| Derivative financial liabilities        |                   | 600         | 96,891    |      | 663,314   |   | 760,805    |  |
|   | ₩                 | 600 ₩       | 96,891    | ₩    | 917,098   | ₩ | 1,014,589  |  |

### 3) Valuation techniques and inputs

The description of the valuation techniques and inputs used to measure the fair value of financial instruments using fair value measurements as of December 31, 2022 and the end of the prior term, in which the Group is classified as Level 2 or Level 3 is as follows:

#### A. Currency forward and currency swap

The fair value of the currency forward and the currency swap was measured in principle based on the forward exchange rate disclosed in the market as of December 31, 2022 for the period consistent with the remaining period of the currency swap. If the forward exchange rate for a period consistent with the remaining period of the currency forward and the currency swap is not disclosed in the market, the forward exchange was measured by estimating the forward exchange rate for a period similar to the remaining period of the currency swap by applying interpolation to each period. The discount rate used to measure the fair value of the currency forward and the currency swap was determined using the yield curve derived from the rate quoted in the market as of December 31, 2022.

#### B. Commodity swap

In principle, the fair value of the commodity swap was measured on the basis of the spot transaction price disclosed in the market as of December 31, 2022 for the period consistent with the remaining period of the spot swap being measured. In addition, the discount rate used to measure the fair value of the spot swap was determined using the yield curve derived from the rate quoted in the market as of the December 31, 2022.

### 6.4 Fair values of financial instruments by hierarchy level (cont'd)

#### C. Interest rate swap

The fair value of the interest rate swap was measured in principle based on the interest rate swap rate disclosed in the market as of December 31, 2022 for the period consistent with the remaining period of the interest rate swap. If the interest rate swap for a period consistent with the remaining period of the interest rate swap is not disclosed in the market, the interest rate swap rate was measured by estimating the interest rate swap rate for a period similar to the remaining period of the interest rate swap by applying interpolation to each period.

### D. Debt securities

The fair value of debt securities is measured by discounting the future cash flows of debt securities by applying the market interest rate applied to companies with similar creditworthiness as the issuer of debt securities.

#### E. Unlisted stocks

The fair value of unlisted stocks is measured by using a cash flow discount model and some assumptions are used that are not based on observable market prices or ratios, such as assumptions or estimates of sales growth, pre-tax operating profit rates, weighted average capital costs, etc. to estimate future cash flows. The weighted average capital expense used to discount future cash flows was determined by applying CAPM. The Group determined that the effect of the major assumptions and estimates that is mentioned above on the fair value of unlisted stocks was significant, so the fair value measurement of unlisted stock was categorized within Level 3 of the fair value hierarchy.

#### F. Convertible debt securities

The fair value of convertible debt securities was measured by adding the fair value of the ordinary bond component that does not include conversion rights and the fair value of the conversion right, which is an embedded derivative (purchase call option). The fair value of the non-convertible general bond component was measured by discounting the future cash flows of the bond using the market interest rate applied to entities with similar creditworthiness as the issuer of the convertible bond, and the fair value of the conversion right was measured using an option pricing model. Stock price volatility, a significant input used to measure the fair value of conversion rights, was estimated based on past stock price changes. The Group considered that the fair value of the right to convert was a significant proportion of the total fair value of the convertible debt securities and classified the fair value measurement of the entire convertible debt securities into Level 3 of the fair value hierarchy.

#### G. Contingent consideration

The fair value of the contingent consideration is estimated by the net profit before subtracting interest and corporate tax by scenarios, and based on these estimates, the Group measures the present value of the expected future receivables weighted on the probability of each scenario.

#### H. Total return swap agreement

The fair value of the total return swap agreement is based on Monte-Carlo Simulation. It generates the discrete path of the future interest rate, estimates the point of time when the buyout option is exercised, calculates the present value, and repeatedly executes it to calculate the fair value as the average value of the calculated value. On the other hand, unlisted shares subject to the purchase option were measured in accordance with the fair value assessment method of unlisted shares, and the fair value measurement of inter-share contracts was classified as Level 3 in the fair value hierarchy as the main assumptions and estimates used to assess the fair value of unlisted shares were considered to have a significant effect on their fair value.

## 6.4 Fair values of financial instruments by hierarchy level (cont'd)

The valuation techniques and input variables used for major financial instruments classified as Level 3 are as follows (Korean won in millions):

|                             |             |   |         | Valuation              | Level 3                         | Input         |
|-----------------------------|-------------|---|---------|------------------------|---------------------------------|---------------|
|                             | Valuation   |   | amount  | techniques             | <u>inputs</u>                   | variations    |
| SK Shipping Co., Ltd.       | Assets      | ₩ | 179,500 | DCF model              | Permanent growth rate           | 0.0%          |
|                             |             |   |         |                        | WACC                            | 8.17%         |
| Total return swap agreement | Liabilities | ₩ | 235,125 | Monte-Carlo simulation | Term structure of interest rate | 4.74% ~ 5.58% |
|                             |             |   |         |                        | WACC                            | 8.17%         |

Among the inputs used to measure the fair value of a financial instrument, If the permanent growth rate increase (decrease), the fair value increases (decreases) and if the weighted average cost of capital increases (decrease), the fair value decreases (increases). There is no change in valuation techniques used to measure fair value of financial instruments classified as Level 2 and Level 3.

### 7. Trade receivables

(1) Details of trade receivables as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |   | December 31, 2022 |             |          |         |            | December 31, 2021 |           |  |  |
|--|---|-------------------|-------------|----------|---------|------------|-------------------|-----------|--|--|
|  |   | Current           | Non-current |          | Current |            | No                | n-current |  |  |
| Trade receivables:                     |   |                   |             |          |         |            |                   |           |  |  |
| Trade receivables (*1)                 | ₩ | 13,948,905        | ₩           | 548,695  | ₩       | 11,182,015 | ₩                 | 407,641   |  |  |
| Contract assets (unbilled receivables) |   | 1,151,145         |             | -        |         | 737,104    |                   | -         |  |  |
| Loss allowance:                        |   |                   |             |          |         |            |                   |           |  |  |
| Trade receivables                      |   | (765,518)         |             | (30,994) |         | (531,677)  |                   | (15,902)  |  |  |
|  | ₩ | 14,334,532        | ₩           | 517,701  | ₩       | 11,387,442 | ₩                 | 391,739   |  |  |

<sup>(\*1)</sup> Includes the net investment amount of the finance lease provided by the Group as a manufacturer or seller.

### 7. Trade receivables (cont'd)

(2) Details of contract assets and liabilities related to the contract with the customer as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                            | Dece                    | mber 31, 2022  | December 31, 2021 |
|----------------------------|-------------------------|----------------|-------------------|
| Contract assets: (*1)      |                         | _              |                   |
| Construction business      | ₩                       | 988,901        | ₩ 572,283         |
| Telecommunication business |                         | 132,221        | 118,278           |
| Others                     |                         | 241,677        | 200,349           |
|                            | ₩                       | 1,362,799      | ₩ 890,910         |
| Contract liabilities: (*2) | Dece                    | ember 31, 2022 | December 31, 2021 |
| Construction business      | ₩                       | 1,201,904      | ₩ 973,020         |
| Telecommunication business |                         | 233,922        | 202,967           |
| Others                     |                         | 1,370,875      | 890,405           |
|                            | $\overline{\mathbb{W}}$ | 2,806,701      | ₩ 2,066,392       |

- (\*1) Contract assets are included in trade receivables and other assets.
- (\*2) Contract liabilities are included in trade payables, advances received and other liabilities. The amount recognized as revenue in the current period in relation to the contract liabilities in the end of the prior period is \text{
- (3) Details of construction profit variation by changes of accounting estimates related to construction contracts as of December 31, 2022 are as follows (Korean won in millions):

|  |   |                                  |                | December 31, 2022        |                         |   |                                       |
|--|---|----------------------------------|----------------|--------------------------|-------------------------|---|---------------------------------------|
|  |   | Change in estimated construction | Change in      | Impact on current period | Impact on future period |   | Change in<br>unbilled<br>(overbilled) |
|  |   | revenue                          | estimated cost | loss                     | profit                  |   | receivables                           |
| SK Ecoplant Co., Ltd. and its subsidiaries | ₩ | 2,150,980                        | ₩ 1,985,746    | ₩ 22,046                 | ₩ 143,188               | ₩ | 22,046                                |
| Others                                     |   | 18,167                           | 34,891         | (16,162)                 | (562)                   |   | (16,162)                              |
|  | ₩ | 2,169,147                        | ₩ 2,020,637    | ₩ 5,884                  | ₩ 142,626               | ₩ | 5,884                                 |

Impact on profit of current and future period has been calculated by the estimated construction costs based on the situations which occurred from the inception of construction contracts to current reporting period and the estimated construction revenue as of current reporting period. Estimated construction costs and revenue can be changed in the future period.

(4) Details of the construction contracts where the contract revenue exceeds 5% of the preceding year's revenue under the percentage-of-completion method as of December 31, 2022 are as follows (Korean won in millions):

|             |               |          |            |            |   | Unbilled receivables |              |     | Trade receivables (* |   |             |   |
|-------------|---------------|----------|------------|------------|---|----------------------|--------------|-----|----------------------|---|-------------|---|
|             |               |          |            |            |   |                      | Allowance    |     |                      |   | Allowance   | , |
|             |               | Contract | Completion | Percentage |   |                      | for doubtful |     |                      |   | for doubtfu | d |
| Subsidiary  | Project       | date     | date       | (%)        |   | Amount               | accounts     |     | Amount               |   | accounts    |   |
| SK Ecoplant | RRE Project   | 2009.12  | 2016.05    | 100.00     | ₩ | -                    | ₩            | - ¥ | ₩                    | - | ₩           | - |
| Co., Ltd.   | Goseong Green | 2014.07  | 2022.01    | 99.15      |   | 68,044               |              | -   |                      | - |             | - |
|             | Power Project |          |            |            |   |                      |              |     |                      |   |             |   |

- (\*1) It refers to amounts of billed receivables.
- (5) The amount includes the carrying amount of trade receivables accounted for as secured borrowings (\$98,947 million as of December 31, 2022 and \$89,423 million as of December 31, 2021) when financial assets were transferred by trade receivables factoring and asset securitization, but are not derecognized, in entirety or in part.

## 8. Inventories

Details of inventories as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|   |   | De                      | cember 31, 202            | 22           | December 31, 2021   |                         |                    |  |  |  |
|---|---|-------------------------|---------------------------|--------------|---------------------|-------------------------|--------------------|--|--|--|
|   |   |                         | Valuation                 |              |                     | Valuation               |                    |  |  |  |
|   |   | Cost                    | allowance                 | Book value   | Cost                | allowance               | Book value         |  |  |  |
| Merchandise                             | ₩ | 1,472,655               | <del>₹</del> (41,180)     | ₩ 1,431,475  | ₩ 1,031,635         | ₩ (36,524)              | ₩ 995,111          |  |  |  |
| Finished goods                          |   | 4,669,223               | (421,219)                 | 4,248,004    | 2,997,935           | (151,075)               | 2,846,860          |  |  |  |
| Semifinished goods and work in progress |   | 2,156,940               | (337,549)                 | 1,819,391    | 1,388,745           | (118,721)               | 1,270,024          |  |  |  |
| Raw materials and sub-materials         |   | 3,809,625               | (232,547)                 | 3,577,078    | 2,327,476           | (89,613)                | 2,237,863          |  |  |  |
| Materials in transit                    |   | 3,791,181               | -                         | 3,791,181    | 2,765,034           | -                       | 2,765,034          |  |  |  |
| Supplies                                |   | 668,966                 | (3,343)                   | 665,623      | 538,897             | (4,033)                 | 534,864            |  |  |  |
| Uncompleted contracts                   |   | 16,765                  | -                         | 16,765       | 17,415              | -                       | 17,415             |  |  |  |
| Others                                  |   | 3,920                   | (1,153)                   | 2,767        | 13,533              |                         | 13,533             |  |  |  |
|   | ₩ | 16,589,275 <sup>3</sup> | <del>₹ (1,036,991</del> ) | ₩ 15,552,284 | <u>₩ 11,080,670</u> | <del>₩ (399,966</del> ) | <u>₩10,680,704</u> |  |  |  |

### 9. Investment securities

Details of investment securities as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |                        |   |                    | December 3  | 31, 2022                         |  |              |   |
|--|------------------------|---|--------------------|---|----------------------------------|--|--------------|---|
|  |                        | Financial   |                    | Financial   | Fina                             | ncial  |              |   |
|  |                        | assets  |                    | assets  | as                               | sets   |              |   |
|  |                        | measured at   | 1                  | measured at   | measu                            | ıred at  |              |   |
|  |                        | FVTPL   |                    | FVOCI (*1)  | amortize                         | ed cost  |              | Total   |
| Equity instruments:  |                        |   |                    |   |                                  |  |              |   |
| Marketable equity instruments  | ₩                      | 430,499   | ₩                  | 2,853,745   | ₩                                | -  | ₩            | 3,284,244   |
| Non-marketable equity instruments  |                        | 145,087   |                    | 3,118,493   |                                  | -  |              | 3,263,580   |
|  |                        | 575,58 <u>6</u>   |                    | 5,972,238   |                                  |  |              | 6,547,824   |
| Bond instruments:  |                        |   |                    |   |                                  |  |              |   |
| Beneficiary securities and others  |                        | 1,337,220   |                    | 663   |                                  | -  |              | 1,337,883   |
| Debt securities  |                        | 294,420   |                    |   |                                  | 10,991   |              | 305,411   |
|  |                        | 1,631,640   |                    | 663   |                                  | 10,991   |              | 1,643,294   |
|  | ₩                      | 2,207,226   | ₩                  | 5,972,901   | ₩                                | 10,991   | ₩            | 8,191,118   |
| Current investment securities  | ₩                      | 230,576   | ₩                  | -   | ₩                                | 10,045   | ₩            | 240,621   |
| Non-current investment securities  |                        | 1,976,650   |                    | 5,972,901   |                                  | 946  |              | 7,950,497   |
|  |                        |   |                    |   |                                  |  |              |   |
|  |                        |   |                    |   |                                  |  |              |   |
|  |                        |   |                    | <u>December 3</u>   |                                  |  |              |   |
|  |                        | Financial   |                    | Financial   | Fina                             |  |              |   |
|  |                        | assets  |                    | Financial assets  | Fina<br>as:                      | sets   |              |   |
|  |                        | assets<br>measured at   | ı                  | Financial<br>assets<br>measured at  | Fina<br>as:<br>measu             | sets<br>ired at  |              |   |
|  |                        | assets  | ı                  | Financial assets  | Fina<br>as:                      | sets<br>ired at  |              | Total   |
| Equity instruments:  |                        | assets<br>measured at<br>FVTPL  |                    | Financial<br>assets<br>measured at<br>FVOCI (*1)  | Fina<br>as:<br>measu<br>amortize | sets<br>ired at  |              |   |
| Marketable equity instruments  | <del></del>            | assets<br>measured at<br>FVTPL<br>462,531   |                    | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168   | Fina<br>as:<br>measu<br>amortize | sets<br>ired at  | ₩            | 5,722,699   |
| 1 7  | <del></del>            | assets<br>measured at<br>FVTPL<br>462,531<br>170,478  | ₩                  | Financial<br>assets<br>measured at<br>FVOCI (*1)  | Fina<br>as:<br>measu<br>amortize | sets<br>ired at  | ₩            |   |
| Marketable equity instruments Non-marketable equity instruments  | <del>W</del>           | assets<br>measured at<br>FVTPL<br>462,531   | ₩                  | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168   | Fina<br>as:<br>measu<br>amortize | sets<br>ired at  | ₩            | 5,722,699   |
| Marketable equity instruments Non-marketable equity instruments Bond instruments:  | <del>W</del>           | assets<br>measured at<br>FVTPL<br>462,531<br>170,478  | ₩                  | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168<br>2,304,673<br>7,564,841                                       | Fina<br>as:<br>measu<br>amortize | sets<br>ired at  | <del>W</del> | 5,722,699<br>2,475,151<br>8,197,850   |
| Marketable equity instruments Non-marketable equity instruments  Bond instruments: Beneficiary securities and others                 | ₩<br>—                 | assets<br>measured at<br>FVTPL<br>462,531<br>170,478<br>633,009<br>716,254                                      | ₩                  | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168<br>2,304,673<br>7,564,841                                       | Fina<br>as:<br>measu<br>amortize | sets ured at ed cost   | ₩<br>—       | 5,722,699<br>2,475,151<br>8,197,850<br>716,917                                      |
| Marketable equity instruments Non-marketable equity instruments Bond instruments:  | \text{\text{\text{W}}} | assets<br>measured at<br>FVTPL<br>462,531<br>170,478<br>633,009<br>716,254<br>976,569                           | ₩                  | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168<br>2,304,673<br>7,564,841<br>663<br>7,136                       | Fina<br>as:<br>measu<br>amortize | sets ured at ed cost  1,068  | <del>W</del> | 5,722,699<br>2,475,151<br>8,197,850<br>716,917<br>984,773                           |
| Marketable equity instruments Non-marketable equity instruments  Bond instruments: Beneficiary securities and others                 |                        | assets<br>measured at<br>FVTPL<br>462,531<br>170,478<br>633,009<br>716,254                                      | ₩                  | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168<br>2,304,673<br>7,564,841                                       | Fina<br>as:<br>measu<br>amortize | sets<br>ured at<br>ed cost<br>-<br>-<br>-<br>1,068<br>1,068          |              | 5,722,699<br>2,475,151<br>8,197,850<br>716,917                                      |
| Marketable equity instruments Non-marketable equity instruments  Bond instruments: Beneficiary securities and others                 | \text{\text{\text{W}}} | assets<br>measured at<br>FVTPL<br>462,531<br>170,478<br>633,009<br>716,254<br>976,569                           | ₩                  | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168<br>2,304,673<br>7,564,841<br>663<br>7,136                       | Fina<br>as:<br>meas:<br>amortize | sets ured at ed cost  1,068  |              | 5,722,699<br>2,475,151<br>8,197,850<br>716,917<br>984,773                           |
| Marketable equity instruments Non-marketable equity instruments  Bond instruments: Beneficiary securities and others                 |                        | assets<br>measured at<br>FVTPL<br>462,531<br>170,478<br>633,009<br>716,254<br>976,569<br>1,692,823              | ₩<br><u>₩</u>      | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168<br>2,304,673<br>7,564,841<br>663<br>7,136<br>7,799              | Fina as: measu amortize          | sets<br>ured at<br>ed cost<br>-<br>-<br>-<br>1,068<br>1,068          | <u> </u>     | 5,722,699<br>2,475,151<br>8,197,850<br>716,917<br>984,773<br>1,701,690              |
| Marketable equity instruments Non-marketable equity instruments  Bond instruments: Beneficiary securities and others Debt securities | <u>₩</u>               | assets<br>measured at<br>FVTPL<br>462,531<br>170,478<br>633,009<br>716,254<br>976,569<br>1,692,823<br>2,325,832 | ₩<br><u>₩</u><br>₩ | Financial<br>assets<br>measured at<br>FVOCI (*1)<br>5,260,168<br>2,304,673<br>7,564,841<br>663<br>7,136<br>7,799<br>7,572,640 | Fina as: meast amortize          | sets<br>ured at<br>ed cost<br>-<br>-<br>-<br>1,068<br>1,068<br>1,068 | <u> </u>     | 5,722,699<br>2,475,151<br>8,197,850<br>716,917<br>984,773<br>1,701,690<br>9,899,540 |

<sup>(\*1)</sup> The Group has applied the irrevocable option to designate the equity instruments held for strategic investment, not for held-for-trading purpose, at the date of initial application, as items measured at FVOCI.

# (1) Investments in associates and joint ventures

Details of investments in associates and joint ventures as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|   |           |           | 122             | December 31,<br>2021 |                     |
|---|-----------|-----------|-----------------|----------------------|---------------------|
|   | •         | Equity    | December 31, 20 | )22                  | 2021                |
|   |           | ownership | Acquisition     | Book                 | Book                |
| Company   | Domicile  | (*1)      | cost            | value                | value               |
| Associates:                                     |           |           |                 |                      |                     |
| SK Hynix Inc.                                   | Korea     | 20.1%     | ₩ 5,420,310     | , ,                  | ₩ 13,746,931        |
| Vingroup Joint Stock Company (*2,3)             | Vietnam   | 6.1%      | 957,882         | 668,735              | 984,778             |
| Eureka Midstream Holdings                       | USA       | 40.0%     | 465,582         | 558,039              | 523,829             |
| VCM Services And Trading Development            | Vietnam   | 15.8%     | 465,019         | 495,372              | 454,794             |
| Joint Stock Company (*2)                        |           |           |                 |                      |                     |
| Masan Group Corporation (*2)                    | Vietnam   | 9.3%      | 457,718         | 382,546              | 419,935             |
| SK Ecoengineering Co., Ltd.(*4)                 | Korea     | 49.9%     | 487,863         | 508,121              | -                   |
| Darwin LNG Pty Ltd.                             | Australia | 25.0%     | 419,675         | 458,916              |                     |
| Center For Breakthrough Medicines Holdings, LLC | USA       | 44.0%     | 409,059         | 387,739              | 237,277             |
| Shenzhen Londian Wason                          | China     | 29.5%     | 383,369         | 468,993              | 443,661             |
| Holdings Group. Co., Ltd.                       | Omia      | 20.070    | 000,000         | 100,000              | 110,001             |
| The CrownX Corporation (*2)                     | Vietnam   | 4.9%      | 348,648         | 390,667              | 361,163             |
| FR BR Aggregator                                | USA       | 39.0%     | 350,718         | 286,327              | 301,159             |
| Huizhou EVE United Energy Co., Ltd.             | China     | 49.0%     | 344,465         | 430,301              | 430,164             |
| Peru LNG Company, LLC                           | USA       | 20.0%     | 331,144         | 291,151              | 258,037             |
| Daehan Oil Pipeline Corporation                 | Korea     | 41.0%     | 311,372         | 325,794              |                     |
| NHIP II Bison Holdings, LLC                     | USA       | 24.4%     | 297,511         | 301,753              |                     |
| Hana Card Co., Ltd. (*5)                        | Korea     | -         | -               | -                    | 349,866             |
| Yemen LNG Company Ltd. (*2,6)                   | Bermuda   | 6.9%      | 252,813         | -                    | · -                 |
| Canakkale Highway And Bridge                    | Turkey    | 25.0%     | 290,269         | 339,811              | 276,853             |
| Korea IT Fund (*7)                              | Korea     | 63.3%     | 242,170         | 324,860              | 339,976             |
| ProteoVant Sciences, Inc.                       | USA       | 40.0%     | 222,370         | 205,760              | 212,874             |
| Joyvio (*2)                                     | China     | 14.0%     | 213,793         | 219,137              | 240,006             |
| Content Wavve Corp                              | Korea     | 39.3%     | 197,401         | 139,931              | 141,142             |
| Best Oil Company Limited                        | Myanmar   | 35.0%     | 153,024         | 135,364              | 132,430             |
| TBM Co., Ltd. (*2)                              | Japan     | 13.5%     | 141,971         | 124,336              | 138,602             |
| ENN (Zhoushan) LNG Co., Ltd. (*2)               | China     | 10.0%     | 133,229         | 136,268              | 130,473             |
| 8 Rivers Capital LLC (*2,8)                     | USA       | 12.5%     | 120,495         | 124,296              |                     |
| Others  |           |           |                 | 2,880,597            | 1,894,323           |
|   |           |           |                 | 24,461,292           | 23,039,047          |
| Joint ventures (*9):                            |           |           |                 |                      |                     |
| Sinopec-SK (Wuhan) Petrochemical Co., Ltd.      | China     | 35.0%     | 676,332         | 965,874              | 1,140,152           |
| SK Pucore Co., Ltd. (*10)                       | Korea     | -         |                 | -                    | 397,417             |
| Beijing BESK Technology Co., Ltd                | China     | 49.0%     | 247,428         | 251,247              | 261,564             |
| Lunar Energy, Inc.                              | USA       | 43.7%     | 181,620         | 129,964              | 73,042              |
| ZETA CAYMAN Limited                             | Cayman    | 50.0%     | 179,756         | 140,229              | 108,562             |
| Ignis Therapeutics                              | Cayman    | 46.9%     | 177,525         | 90,858               | 93,980              |
| Eurasia Tunnel                                  | Turkey    | 50.0%     | 174,215         | 409,162              |                     |
| Parkingcloud Corp.                              | Korea     | 47.0%     | 160,038         | 157,625              |                     |
| Boryeong LNG Terminal Co., Ltd.                 | Korea     | 50.0%     | 133,323         | 164,059              | 146,686             |
| SABIC SK Nexlene Company Pte. Ltd.              | Singapore | 50.0%     | 112,670         | 189,585              | 125,952             |
| Others  |           |           |                 | 497,110              |                     |
|   |           |           |                 | 2,995,713            | 3,011,398           |
|   |           |           |                 | <u>W 27,457,005</u>  | <b>₩ 26,050,445</b> |

- (\*1) Equity ownership includes indirect investments held by the consolidated subsidiaries.
- (\*2) The Group retains significant influence on the associate despite having less than 20% equity interests.
- (\*3) The Group recognized an impairment loss on investments in associate due to the indication that such investments may be impaired during the year ended December 31, 2022.
- (\*4) During the year ended December 31, 2022, the Group lost control by selling part of SK Ecoengineering Co., Ltd. Therefore, it has been transferred to investment in affiliates from investment in subsidiaries.
- (\*5) The Group recognized loss related to investment in associates of \$48,639 million upon receiving \$30,032 million in cash from Hana Financial Group Inc. by disposing all of Hana Card Co., Ltd.'s shares.
- (\*6) Impairment losses on investments in associates were fully recognized as there was an indication of impairment prior to the current period.
- (\*7) These companies were not included as consolidated subsidiaries as the Group does not have control over more than half of the voting rights by agreements.
- (\*8) It was newly acquired during the year ended December 31, 2022.
- (\*9) All joint arrangements that the Group has joint control over are structured by a separate entity. The parties that have joint control with respect to the joint agreements hold the rights to the net assets of the agreements and accordingly, they are classified as joint ventures.
- (\*10) Although the Group's stake in SK pucore Co., Ltd. does not exceed 50%, it was reclassified as a subsidiary from joint venture for the year ended December 31, 2022 since the Group can exercise substantial control at the board of directors, and in July 2022, the Group obtained 100% of equity shares by paid-in capital reduction.

# (2) Changes in carrying amount of investments in associates and joint ventures

Changes in investments in associates and joint ventures accounted for using the equity method for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

| _  | For the year ended December 31, 2022 |                    |             |                               |                     |              |                   |                    |  |
|--|--------------------------------------|--------------------|-------------|-------------------------------|---------------------|--------------|-------------------|--------------------|--|
|  | Beginning                            |                    |             | Equity profit<br>or losses on | Other capital       | Dividends    | Others            | Ending             |  |
|  | balance                              | Acquisitions       | Disposals   | investments                   | movements           | received     | (*1)              | balance            |  |
| Associates:  |                                      |                    |             |                               |                     |              |                   |                    |  |
| SK Hynix Inc.  | ₩ 13,746,931                         | ₩ -                | ₩ -         | ₩ 363,823                     | ₩ 122,037           | ₩ (356,483)₩ | 170 ₩             | 13,876,478         |  |
| Vingroup Joint Stock Company                                   | 984,778                              | -                  | -           | (37,374)                      | (31,801)            | -            | (246,868)         | 668,735            |  |
| Eureka Midstream Holdings                                      | 523,829                              | -                  | -           | 18,699                        | -                   | (20,671)     | 36,182            | 558,039            |  |
| VCM Services And Trading<br>Development Joint<br>Stock Company | 454,794                              | -                  | -           | 12,037                        | (3,566)             | -            | 32,107            | 495,372            |  |
| Masan Group Corporation<br>SK Ecoengineering Co., Ltd.         | 419,935                              | -                  | -           | (11,417)<br>23,917            | (51,072)<br>(3,658) | (5,819)      | 30,919<br>487,862 | 382,546<br>508,121 |  |
| Darwin LNG Pty Ltd.  | 438.090                              | _                  | _           | (2.541)                       |                     | (3,882)      | 27,249            | 458.916            |  |
| Center For Breakthrough  | 237,277                              | 193,001            | _           | (56,304)                      |                     | (0,002)      | 13.765            | 387,739            |  |
| Medicines Holdings, LLC  | 201,211                              | .00,00.            |             | (00,001)                      |                     |              | .0,.00            | 00.,.00            |  |
| Shenzhen Londian<br>Wason Holdings<br>Group, Co., Ltd.         | 443,661                              | -                  | (285)       | (5,100)                       | -                   | -            | 30,717            | 468,993            |  |
| The CrownX Corporation   | 361.163                              | _                  | _           | 744                           | (1,617)             | _            | 30.377            | 390.667            |  |
| FR BR Aggregator   | 301,159                              | -                  | -           | (36,165)                      |                     | (1,431)      | 22,764            | 286,327            |  |
| Huizhou EVE United Energy<br>Co., Ltd.                         | 430,164                              | -                  | -           | 13,802                        | (13,665)            | -            | -                 | 430,301            |  |
| Peru LNG Company, LLC  | 258,037                              | -                  | -           | 15,613                        | 17,501              | -            | -                 | 291,151            |  |
| Daehan Oil Pipeline Corporation                                | 317,050                              | -                  | -           | 17,002                        | 1,490               | (9,748)      | -                 | 325,794            |  |
| NHIP II Bison Holdings, LLC                                    | 265,634                              | -                  | -           | 27,173                        | -                   | (9,037)      | 17,983            | 301,753            |  |
| Hana Card Co., Ltd.  | 349,866                              | -                  | (368,389)   | 17,749                        | 774                 | -            | -                 | -                  |  |
| Canakkale Highway And Bridge                                   | 276,853                              | 18,241             | -           | (42,741)                      |                     | -            | -                 | 339,811            |  |
| Korea IT Fund  | 339,976                              | -                  | -           | 4,753                         | (7,459)             | (12,410)     | -                 | 324,860            |  |
| ProteoVant Sciences, Inc.                                      | 212,874                              | -                  | -           | (29,248)                      |                     | -            |                   | 205,760            |  |
| Joyvio   | 240,006                              | -                  | -           | (14,324)                      |                     | -            | 17,288            | 219,137            |  |
| Content Wavve Corp   | 141,142                              | 32,059             | -           | (33,301)                      |                     | -            | 4.005             | 139,931            |  |
| Best Oil Company Limited                                       | 132,430                              | -                  | -           | 17,158                        | (18,859)            | -            | 4,635             | 135,364            |  |
| TBM Co., Ltd.<br>ENN (Zhoushan) LNG Co., Ltd.                  | 138,602                              | -                  | -           | (4,028)<br>7,467              |                     | -            | (10,239)          | 124,336            |  |
| 8 Rivers Capital LLC   | 130,473                              | 129,195            | -           | (2,481)                       | (10,737)            | -            | 9,065<br>(2,418)  | 136,268<br>124,296 |  |
| Others   | 1,894,323                            | 1,376,599          |             | (75,800)                      |                     | (65,875)     | (226,274)         | 2,880,597          |  |
| Others _   | 23,039,047                           | 1,749,095          |             | 189,113                       | 104,755             | (485,356)    | 275,284           | 24,461,292         |  |
| Joint ventures:  | 20,000,047                           | 1,7 40,000         | (+10,0+0)   | 100,110                       | 104,700             | (400,000)    | 210,204           | 24,401,202         |  |
| Sinopec-SK (Wuhan) Petrochemical Co., Ltd.                     | 1,140,152                            | -                  | -           | (88,380)                      | (22,489)            | (63,409)     | -                 | 965,874            |  |
| SK Pucore Co., Ltd.  | 397,417                              | -                  | -           | -                             | -                   | -            | (397,417)         | -                  |  |
| Beijing BESK Technology Co., Ltd.                              | 261,564                              | -                  | -           | (3,184)                       | (7,133)             | -            | ` - '             | 251,247            |  |
| Lunar Energy, Inc.   | 73,042                               | 90,325             | -           | (44,252)                      | -                   | -            | 10,849            | 129,964            |  |
| ZETA CAYMAN Limited  | 108,562                              | 982                | -           | (979)                         | 24,644              | -            | 7,020             | 140,229            |  |
| Ignis Therapeutics   | 93,980                               | -                  | -           | (14,927)                      |                     | -            | 257               | 90,858             |  |
| Eurasia Tunnel   | 323,192                              | -                  | -           | 38,272                        | 25,627              | -            | 22,071            | 409,162            |  |
| Parkingcloud Corp  | 160,038                              | -                  | (201)       |                               |                     | -            | -                 | 157,625            |  |
| Boryeong LNG Terminal Co., Ltd.                                | 146,686                              | -                  | -           | 17,233                        | 140                 | -            | -                 | 164,059            |  |
| SABIC SK Nexlene Company Pte. Ltd.                             | 125,952                              | -                  | -           | 68,848                        | (5,215)             |              | -                 | 189,585            |  |
| Others _   | 180,813                              | 341,281            | (9,420)     | (75,054)                      |                     | (3,380)      | 59,687            | 497,110            |  |
| -  | 3,011,398                            | 432,588            | (9,621)     | (104,872)                     |                     | (66,789)     | (297,533)         | 2,995,713          |  |
| <u> </u>   | <del>₹ 26,050,445</del>              | <u>w 2,181,683</u> | ₩ (420,267) | ₩ 84,241                      | ₩ 135,297           | ₩ (552,145)₩ | (22,249)₩         | 27,457,005         |  |

|  |                     |              | For t               | he year ended De                             | cember 31, 202          | 1                    |                |                |
|--|---------------------|--------------|---------------------|--|-------------------------|----------------------|----------------|----------------|
|  | Beginning balance   | Acquisitions | Disposals           | Equity profit<br>or losses on<br>investments | Other capital movements | Dividends received   | Others<br>(*1) | Ending balance |
| Associates:  |                     |              |                     |  |                         |                      |                |                |
| SK Hynix Inc.  | ₩ 11,750,425        | ₩ -          | ₩ -                 | ₩ 1,921,010                                  | ₩ 226,952               | ₩ (170,937) ₹        | ₹ 19,481 ₩     | 13,746,931     |
| Vingroup Joint Stock Company                                     | 851,300             | -            | -                   | (29,190)                                     | 85,610                  | -                    | 77,058         | 984,778        |
| Eureka Midstream Holdings  | 465,917             | -            | -                   | 18,461                                       | -                       | (2,861)              | 42,312         | 523,829        |
| VCM Services And Trading Development Joint                       | -                   | 465,019      | -                   | (3,754)                                      | 127                     |                      | (6,598)        | 454,794        |
| Stock Company Masan Group Corporation                            | 367,832             |              |                     | (28,952)                                     | 55,691                  | (6,565)              | 31.929         | 419.935        |
|  | 307,032             |              | -                   | 4,780  | 33,091                  |                      | 24,411         | 438,090        |
| Darwin LNG Pty Ltd.<br>Shenzhen Londian                          | 383,049             | 419,675      | -                   | 23,650                                       | 8,975                   | (10,776)<br>(17,407) | 45,394         | 443,661        |
| Wason Holdings<br>Group. Co., Ltd.                               | 363,049             | -            | -                   | 23,030                                       | 6,975                   | (17,407)             | 40,394         | 443,001        |
| The CrownX Corporation   | -                   | 348,648      | -                   | _  | -                       | _                    | 12.515         | 361,163        |
| FR BR Aggregator   | 283,933             |              | -                   | (5,704)                                      | -                       | (2,230)              | 25,160         | 301,159        |
| Huizhou EVE United Energy Co., Ltd.                              | 353,815             | -            | -                   | 38,282                                       | 38,067                  | -                    | -              | 430,164        |
| Peru LNG Company, LLC  | 243,456             | -            | -                   | (6,988)                                      | 21,569                  | -                    | -              | 258,037        |
| Daehan Oil Pipeline Corporation                                  | 311,015             | -            | -                   | 9,672  | 750                     | (4,387)              | -              | 317,050        |
| NHIP II Bison Holdings, LLC                                      | 244,325             | -            | -                   | (565)  |                         |                      | 21,874         | 265,634        |
| Hana Card Co., Ltd.  | 314,930             | -            | -                   | 35,057                                       | (121)                   | -                    | -              | 349,866        |
| Canakkale Highway And Bridge                                     | 208,272             | 56,312       | -                   | (7,327)                                      | 19,596                  | -                    | -              | 276,853        |
| Korea IT Fund  | 323,294             | -            | -                   | 31,734                                       | (4,336)                 | (10,716)             | -              | 339,976        |
| Center For Breakthrough<br>Medicines Holdings, LLC               | -                   | 229,055      | -                   | -  | -                       | -                    | 8,222          | 237,277        |
| ProteoVant Sciences, Inc.  | -                   | 222,370      | -                   | (14,506)                                     |                         | -                    | -              | 212,874        |
| Joyvio   | 197,974             | -            | -                   | 4,991  | 18,457                  | -                    | 18,584         | 240,006        |
| Content Wavve Corp   | 75,803              | 100,000      | -                   | (34,592)                                     | (69)                    | -                    | -              | 141,142        |
| Parkingcloud Corp  | -                   | 160,038      | -                   |  |                         | -                    |                | 160,038        |
| Best Oil Company Limited   | 159,557             |              | -                   | 2,633  | (36,194)                | -                    | 6,434          | 132,430        |
| TBM Co., Ltd.  | -                   | 141,945      | -                   | (1,863)                                      |                         | -                    | (1,480)        | 138,602        |
| ENN (Zhoushan) LNG Co., Ltd.                                     | 133,164             | 600          | (70.000)            | 9,388  | 10,134                  | - (45.405)           | (22,813)       | 130,473        |
| Others   | 1,243,830           | 552,530      | (72,028)            |  | 12,095                  | (45,485)             | 142,491        | 1,734,285      |
| to interest on a   | 17,911,891          | 2,696,192    | (72,028)            | 1,867,069                                    | 462,313                 | (271,364)            | 444,974        | 23,039,047     |
| Joint ventures:<br>Sinopec-SK (Wuhan)<br>Petrochemical Co., Ltd. | 942,775             | -            | -                   | 86,880                                       | 110,497                 | -                    | -              | 1,140,152      |
| SK Pucore Co., Ltd.  | 419,404             | -            | _                   | (9,672)                                      | (10,039)                | _                    | (2,276)        | 397,417        |
| Beijing BESK Technology Co., Ltd.                                | 235,604             | -            | -                   | (1,148)                                      | 27,108                  | _                    | -              | 261,564        |
| ZETA CAYMAN Limited  | 163,720             | 870          | -                   | (865)  | (67,416)                | -                    | 12,253         | 108,562        |
| Ignis Therapeutics   | · -                 | 177,525      | -                   | (83,813)                                     | 268                     | -                    | · -            | 93,980         |
| Eurasia Tunnel   | 254,324             | _            | -                   | 30,007                                       | 13,747                  | -                    | 25,114         | 323,192        |
| Boryeong LNG Terminal Co., Ltd.                                  | 146,568             | -            | -                   | 12,880                                       | 38                      | (12,800)             | · -            | 146,686        |
| SABIC SK Nexlene Company Pte. Ltd.                               | 93,915              | -            | -                   | 41,005                                       | (8,968)                 | -                    | -              | 125,952        |
| Hana Land Chip PEF 33  | 262,881             | -            | -                   | -  | -                       | -                    | (262,881)      | -              |
| Others   | 587,881             | 41,618       | (32,410)            |  | 13,294                  | (10,022)             | (168,485)      | 413,893        |
|  | 3,107,072           | 220,013      | (32,410)            |  | 78,529                  | (22,822)             | (396,275)      | 3,011,398      |
|  | <b>₩ 21,018,963</b> | ₩ 2,916,205  | <u>₩ (104,438</u> ) | ₩ 1,924,360                                  | ₩ 540,842               | <u>₩ (294,186</u> )  | ₩ 48,699 ₩     | 26,050,445     |

<sup>(\*1)</sup> Others include the effects of changes in scope of consolidation, net foreign currency differences and others.

(3) Details of unrecognized changes in equity method caused by discontinuing the application of equity method as of December 31, 2022 are as follows (Korean won in millions):

|                                   | Begin | ning balance | Cha | nges   | Ending balance |         |  |
|-----------------------------------|-------|--------------|-----|--------|----------------|---------|--|
| Korea Consortium Kazakh B.V.      | ₩     | 175,694      | ₩   | -      | ₩              | 175,694 |  |
| Yemen LNG Company Ltd. and others |       | 75,168       |     | 17,651 |                | 92,819  |  |

(4) Details of reconciliation from net assets of investments in associates and joint ventures to book value of investments in associates and joint ventures as of December 31, 2022 are as follows (Korean won in millions):

|                                    |              |           | December        | 31, 2022      |              |              |
|------------------------------------|--------------|-----------|-----------------|---------------|--------------|--------------|
|                                    |              |           | Net assets      |               |              | <u> </u>     |
|                                    |              |           | attributable to | Cost-book     | Intercompany |              |
|                                    |              | Equity    | the ownership   | value         | transactions |              |
|                                    | Net assets   | ownership | interests       | differentials | and others   | Book value   |
| Associates:                        |              |           |                 |               |              |              |
| SK Hynix Inc. (*1)                 | ₩ 63,277,078 | 20.1%     | ₩ 13,444,064    | ₩ 641,849     | ₩ (209,435)  | ₩ 13,876,478 |
| Vingroup Joint Stock Company       | 6,489,239    | 6.1%      | 404,929         | 263,806       | ·            | 668,735      |
| Eureka Midstream Holdings          | 752,416      | 40.0%     | 300,967         | 257,072       | -            | 558,039      |
| VCM Services And Trading           | 199,194      | 15.8%     | 31,372          | 464,000       | -            | 495,372      |
| Development Joint Stock Company    |              |           |                 |               |              |              |
| Masan Group Corporation            | 465,598      | 9.3%      | 43,115          | 339,431       | -            | 382,546      |
| SK Ecoengineering Co., Ltd.        | 269,083      | 49.9%     | 134,542         | 413,393       | (39,814)     | 508,121      |
| Darwin LNG Pty Ltd.                | 143,544      | 25.0%     | 35,886          | 423,030       | -            | 458,916      |
| Center For Breakthrough            | 259,681      | 44.0%     | 114,276         | 273,463       | -            | 387,739      |
| Medicines Holdings, LLC            | •            |           | ,               | ,             |              | ,            |
| Shenzhen Londian Wason Holdings    | 977,982      | 29.5%     | 288,831         | 180,162       | -            | 468,993      |
| Group. Co., Ltd.                   | •            |           | ,               | ,             |              | ,            |
| The CrownX Corporation             | 947,209      | 4.9%      | 46,224          | 344,443       | -            | 390,667      |
| FR BR Aggregator                   | 734,705      | 39.0%     | 286,315         | 12            | -            | 286,327      |
| Huizhou EVE United Energy Co., Ltd | l. 956,225   | 49.0%     | 468,550         | -             | (38,249)     | 430,301      |
| Peru LNG Company, LLC              | 1,458,093    | 20.0%     | 291,619         | -             | (468)        | 291,151      |
| Daehan Oil Pipeline Corporation    | 758,444      | 41.0%     | 310,974         | 22,878        | (8,058)      | 325,794      |
| NHIP II Bison Holdings, LLC        | 1,237,201    | 24.4%     | 301,753         | -             | -            | 301,753      |
| Canakkale Highway And Bridge       | 1,366,773    | 25.0%     | 341,694         | -             | (1,883)      | 339,811      |
| Korea IT Fund                      | 512,936      | 63.3%     | 324,860         | -             |              | 324,860      |
| ProteoVant Sciences, Inc.          | 130,201      | 40.0%     | 52,080          | 153,680       | -            | 205,760      |
| Joyvio                             | 1,210,064    | 14.0%     | 169,409         | 49,728        | -            | 219,137      |
| Content Wavve Corp                 | 52,013       | 39.3%     | 20,426          | 118,438       | 1,067        | 139,931      |
| Best Oil Company Limited           | 239,469      | 35.0%     | 83,814          | 51,655        | (105)        | 135,364      |
| TBM Co., Ltd.                      | 103,084      | 13.5%     | 13,906          | 110,430       | . ,          | 124,336      |
| ENN (Zhoushan) LNG Co., Ltd.       | 606,408      | 10.0%     | 60,641          | 75,627        | -            | 136,268      |
| 8 Rivers Capital LLC               | 109,889      | 12.5%     | 13,736          | 110,560       | -            | 124,296      |
| ·                                  |              |           |                 |               |              |              |
| Joint ventures:                    |              |           |                 |               |              |              |
| Sinopec-SK (Wuhan) Petrochemical   | 2,544,380    | 35.0%     | 890,533         | 75,341        | -            | 965,874      |
| Co., Ltd.                          |              |           |                 |               |              |              |
| Beijing BESK Technology Co., Ltd.  | 533,054      | 49.0%     | 261,197         | 1,289         | (11,239)     | 251,247      |
| Lunar Energy, Inc.                 | 289,758      | 43.7%     | 126,624         | 3,340         | -            | 129,964      |
| ZETA CAYMAN Limited                | 280,458      | 50.0%     | 140,229         | -             | -            | 140,229      |
| Ignis Therapeutics                 | 303,533      | 46.9%     | 134,120         | 26,732        | (69,994)     | 90,858       |
| Eurasia Tunnel                     | 798,345      | 50.0%     | 399,172         | 17,209        | (7,219)      | 409,162      |
| Parkingcloud Corp                  | 117,314      | 47.0%     | 55,183          | 102,442       | -            | 157,625      |
| Boryeong LNG Terminal Co., Ltd.    | 304,092      | 50.0%     | 152,046         | 28,736        | (16,723)     | 164,059      |
| Sabic SK Nexlene Company           | 451,105      | 50.0%     | 225,553         | -             | (35,968)     | 189,585      |
| Pte. Ltd.                          | •            |           | •               |               | , , ,        | •            |

<sup>(\*1)</sup> The equity ownership presented is the ownership in respect to the number of shares issued by the investee, and the effective equity ratio of 21.25% was applied to the equity method valuation.

(5) Condensed financial information's of significant investments in associates and joint ventures as of December 31, 2022 are as follows (Korean won in millions).

|   |                   |                     | As of and for the | year ended Dece            | mber 31, 2022  |                      |  |
|---|-------------------|---------------------|-------------------|----------------------------|----------------|----------------------|--|
|   | Current<br>assets | Non-curre<br>assets |                   | Non-current<br>liabilities | Sales          | Net income<br>(loss) | Total<br>comprehensive<br>income<br>(loss) |
| Associates:                             | 111 00 700 000    | W 75 400            | 400 111 40 040    | 100 III 00 707 074         | III 44 004 500 | III 0 044 000        | W 0 000 400                                |
|   | ₩ 28,733,332      |                     |                   | 96 ₩ 20,737,274            |                |                      | , ,  |
| Vingroup Joint Stock Company            | 14,618,350        | 16,248              |                   |                            |                |                      | 109,198                                    |
| Eureka Midstream Holdings               | 51,274            | 1,096               |                   |                            |                | 66,980               | 66,980                                     |
| VCM Services And Trading                | 785,788           | 251                 | 464 481,5         | 88 289,654                 | 1,618,231      | 109,145              | 109,145                                    |
| Development Joint Stock                 |                   |                     |                   |                            |                |                      |  |
| Company                                 | 0.500.407         | F 000               | 000 0 507         | 0 444 005                  | 4 400 000      | 004.007              | 004 007                                    |
| Masan Group Corporation                 | 2,560,127         | 5,029               |                   |                            |                |                      |  |
| SK Econgineering Co., Ltd.              | 1,192,631         |                     | 995 989,3         | ,                          |                | 127,238              |  |
| Darwin LNG Pty Ltd.                     | 285,324           |                     | 694 205,4         |                            | 2,021,118      | 48,386               |  |
| Center For Breakthrough611,426          | 169,851           | 186                 | 874 62,           | 27 34,917                  | 13,056         | (129,493)            | ) (129,493)                                |
| Medicines Holdings, LLC                 | 4 500 040         | 4 007               | 400 4 040 4       | .40 040 040                | 4 400 050      | 404.040              | 404.040                                    |
| Shenzhen Londian                        | 1,563,343         | 1,237               | 403 1,612,6       | 310 219,018                | 1,420,958      | 131,043              | 131,043                                    |
| Wason Holdings Group                    |                   |                     |                   |                            |                |                      |  |
| Co., Ltd.                               | 1.884.716         | 1 000               | 467 4.052.0       | 90 539.329                 | 2 007 770      | 044 270              | 244 272                                    |
| The CrownX Corporation FR BR Aggregator | 6,883             | 1,009<br>1,318      |                   | 743 584,541                |                | 214,372<br>(44,828)  |  |
| Huizhou EVE United Energy               | 944,371           |                     | 242 523,3         |                            |                | 80,321               | 80,321                                     |
| Co., Ltd.                               | 944,371           | 599                 | 242 525,3         | 074 04,014                 | 1,712,000      | 00,321               | 00,321                                     |
| Peru LNG Company, LLC                   | 476,876           | 2,382               | 639 415,6         |                            | 4,098,999      | 92,297               | 92,297                                     |
| Daehan Oil Pipeline Corporation         | 151,735           | ,                   | 373 41,           | ,                          | , ,            | 40,317               | ,  |
| Canakkale Highway And Bridge            | 684,919           | 3,905               |                   |                            |                | (141,423)            |  |
| Korea IT Fund                           | 98,132            | 414                 |                   | - 5,015,204                | 19.916         | 7,505                |  |
| ProteoVant Sciences. Inc.               | 160,800           |                     | 558 23,0          | 17 21.140                  |                | (19,865)             |  |
| Joyvio                                  | 1,931,127         | 2,446               |                   |                            |                |                      | , , ,                                      |
| Content Wavve Corp                      | 169,533           |                     | 778 127,5         |                            |                | (226,165)            |  |
| Best Oil Company Limited                | 519,493           |                     | 530 444.9         |                            |                |                      | 56,751                                     |
| TBM Co., Ltd.                           | 105,028           |                     | ,211 11,9         | ,                          |                |                      | ,  |
| ENN (Zhoushan) LNG Co., Ltd.            | 77,697            |                     | 070 81,2          |                            |                |                      |  |
| 8 Rivers Capital LLC                    | 108,078           |                     |                   | 12,375                     |                | (19,846)             |  |
| o . avoio oapita. 220                   | .00,0.0           |                     | .,.               | .2,0.0                     | 0,020          | (10,010)             | (10,010)                                   |
| Joint ventures:                         |                   |                     |                   |                            |                |                      |  |
| Sinopec-SK (Wuhan)                      | 1,048,968         | 4,451               | 906 1,540,0       | 1,416,405                  | 11,083,635     | (252,483)            | (252,483)                                  |
| Petrochemical Co., Ltd.                 | ,,                | , -                 | ,,.               | , , , , , ,                | , ,            | ( - , ,              | , ( - , ,                                  |
| Beijing BESK Technology Co., Ltd        | d. 487,154        | 443                 | 638 378,2         | 91 19,447                  | 827,742        | 8,687                | 8,687                                      |
| Lunar Energy, Inc.                      | 198,449           | 149                 | 805 19,2          | 964 39,232                 | 3,327          | (102,237)            | (102,237)                                  |
| ZETA CAYMAN Limited                     | 1,708             | 279                 | 230               | - 80                       | · -            | (1,959               |  |
| Ignis Therapeutics                      | 106,965           | 198                 | 852 1,7           | 43 541                     | -              | (56,711              | (56,922)                                   |
| Eurasia Tunnel                          | 264,318           | 1,589               | 750 174,8         | 43 880,880                 | 10,974         | 65,914               | 117,589                                    |
| Parkingcloud Corp                       | 128,999           | 72                  | 295 44,6          | 96 39,284                  | 74,957         | (2,091)              | (2,091)                                    |
| Boryeong LNG Terminal Co., Ltd.         | 161,482           | 1,528               | 879 144,4         | 1,241,856                  | 347,528        | 33,913               | 34,194                                     |
| SABIC SK Nexlene Company                | 378,172           | 489                 | 856 119,          | 37 297,786                 | 648,468        | 134,917              | 103,955                                    |
| Pte. Ltd.                               |                   |                     |                   |                            |                |                      |  |

(6) Details of joint operation as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                           | Ownersh     | ip equity   | _                 |                     |                              |
|---------------------------|-------------|-------------|-------------------|---------------------|------------------------------|
|                           | December 31 | December 31 | Principal place   | Date of financial   | Nature of Joint<br>Agreement |
|                           | 2022        | 2021        | of business       | statements in use A | Activities and others        |
| Ulsan Aromatics Co., Ltd. | 50%         | 50%         | Republic of Korea | December 31         | (*1,2)                       |
| Bonds payable and         | 65%         | 65%         | Indonesia         | December 31         | (*1,3)                       |

<sup>(\*1)</sup> The Group classified activities subject to the joint arrangement with the entities above as a joint operation, considering facts and circumstances that the contractual agreement is designed to provide outputs to relevant parties of the agreement, despite the terms of the agreement that grant the parties neither any rights to the assets nor any obligations to the liabilities in relation to the agreement.

<sup>(\*2)</sup> The entity was established as a joint venture with ENEOS Corporation on March 30, 2012 and is engaged in manufacturing of aromatic compounds.

<sup>(\*3)</sup> The entity was established as a joint venture with PT Pertamina Patra Niaga on November 19, 2006 and is engaged in manufacturing and selling lubricating oil.

## 11. Property, plant and equipment

(1) Details of property, plant and equipment as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                 | Dece                     | ember 31, 2022 | December 31, 2021 |
|---------------------------------|--------------------------|----------------|-------------------|
| Acquisition cost                | ₩                        | 85,931,206     | ₹ 73,860,837      |
| Accumulated depreciation        |                          |                |                   |
| and accumulated impairment loss |                          | (26,009,334)   | (22,467,096)      |
|                                 | $\underline{\mathbb{W}}$ | 59,921,872     | ₩ 51,393,741      |

(2) Changes in property, plant and equipment for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                          |              |             | For the year er             | nded December            | r 31, 2022   |                       |             |
|--------------------------|--------------|-------------|-----------------------------|--------------------------|--|-----------------------|-------------|
|                          | Beginning    | Business    |                             |                          | -  |                       | Ending      |
|                          | balance      | combination | Acquisitions                | Disposals D              | epreciation C  | Others (*1)           | balance     |
| Land                     | ₩ 9,294,248  | ₩ 288,833   | ₩ 23,740 ₩                  | ₩ (88,773)               | - ₩  | (201,104)₩            | 9,316,944   |
| Buildings                | 6,003,660    | 58,773      | 26,541                      | (59,115)                 | (268, 357)   | 848,153               | 6,609,655   |
| Structures               | 1,986,791    | 58,310      | 22,125                      | (84,125)                 | (143,925)  | 67,499                | 1,906,675   |
| Machinery and equipment  | 20,845,521   | 51,304      | 731,183                     | (342,637)                | (4,167,360)  | 3,755,151             | 20,873,162  |
| Vehicles                 | 180,594      | 7,569       | 10,359                      | (5,138)                  | (32,098)   | 16,302                | 177,588     |
| Operating lease asset    | 1,942,319    | -           | 1,120,857                   | (21,241)                 | (463,811)  | (190,531)             | 2,387,593   |
| Others                   | 4,447,472    | 175,836     | 1,706,473                   | (20,123)                 | (832,711)  | (196,105)             | 5,280,842   |
| Construction-in-progress | 6,693,136    | 58,987      | 12,237,936                  | (196,397)                | <u>-</u>   | (5,424,249)           | 13,369,413  |
|                          | ₩ 51,393,741 | ₩ 699,612   | ₩ 15,879,214 <del>\</del> \ | <del>∀ (817,549</del> )₩ | (5,908,262) <del>\text{\ti}}}}}} \eximtex{\text{\te}\text{\texi}\text{\text{\text{\texi{\text{\texi}\text{\text{\text{\ti}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}</del> | <u>₹(1,324,884)</u> \ | ₹59,921,872 |
|                          |              |             |                             |                          |  |                       |             |
|                          |              |             | For the year er             | nded December            | r 31, 2021   |                       |             |
|                          | Beginning    | Business    |                             |                          |  |                       | Ending      |
|                          | balance      | combination | Acquisitions                | Disposals D              | epreciation C  | Others (*1)           | balance     |
| Land                     | ₩ 8,514,509  | ₩ 857,667   | ₩ 79,474 ₩                  | ∀ (243,129)₩             | - ₩  | 85,727 ₩              | 9,294,248   |
| Buildings                | 4,567,149    | 241,018     | 20,264                      | (21,772)                 | (213,984)  | 1,410,985             | 6,003,660   |
| Structures               | 1,660,194    | 48,975      | 22,391                      | (30,241)                 | (131,765)  | 417,237               | 1,986,791   |
| Machinery and equipment  | 20,261,529   | 134,761     | 644,866                     | (161, 153)               | (3,949,965)  | 3,915,483             | 20,845,521  |
| Vehicles                 | 199,411      | 1,684       | 7,583                       | (1,299)                  | (34,219)   | 7,434                 | 180,594     |
| Operating lease asset    | 1,786,789    | -           | 861,956                     | (29,304)                 | (442,502)  | (234,620)             | 1,942,319   |

(\*1) Other changes include exclusion from the scope of consolidation, impairment losses, transfer of construction-in-progress to depreciable assets and investment properties, net translation differences and others.

1,417,158

6,524,051

(11,782)

(7,226)

₩ 45,895,594 ₩ 1,704,396 ₩ 9,577,743 ₩ (505,906)₩ (5,593,392) ₩ 315,306 ₩ 51,393,741

(820,957)

448,104

(5,735,044)

4,447,472

6,693,136

32,207

388,084

3,382,742

5,523,271

# (3) Capitalized borrowing costs

Construction-in-progress

Capitalized borrowing costs and capitalization rates for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|   | _ <u>De</u> | cember 31, 2022 | <u>December 31, 2021</u> |             |  |
|---|-------------|-----------------|--------------------------|-------------|--|
| Property, plant and equipment and intangible assets | ₩           | 117,951         | ₩                        | 77,241      |  |
| Capitalization rate                                 |             | 1.3% ~ 6.7%     |                          | 1.3% ~ 4.6% |  |

### 12. Right-of-use assets and lease liabilities

(1) Details of right-of-use assets as of December 31, 2022 and December 31, 2021 are as follows (Korean won in millions):

|                                   | <u>Dece</u> i           | mber 31, 2022 | <u>December 31, 2021</u> |
|-----------------------------------|-------------------------|---------------|--------------------------|
| Acquisition cost                  | ₩                       | 8,112,183     | ₹ 7,234,373              |
| Accumulated depreciation          |                         |               |                          |
| and accumulated impairment losses |                         | (2,674,769)   | (2,200,057)              |
|                                   | $\overline{\mathbb{W}}$ | 5,437,414     | ₹ 5,034,316              |

(2) Changes in right-of-use assets for the year ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                            | For the year ended December 31, 2022   |                              |  |                                    |   |  |  |  |
|----------------------------|--|------------------------------|--|------------------------------------|---|--|--|--|
|                            | Beginning                              | Business                     |  | _                                  |   |  | Ending   |  |
|                            | balance                                | combination                  | Increase                                 | Decrease                           | Depreciation                                      | Others (*1)                            | balance  |  |
| Land and buildings         | ₩ 2,200,309                            | ₩ 17,236                     | ₩ 1,044,340                              | ₩ (183,099)                        | ₩ (591,142)                                       | ₩ 31,762                               | ₩ 2,519,406                                    |  |
| Tank                       | 172,618                                | -                            | 35,425                                   | (64)                               | (64,883)  | 13,307                                 | 156,403  |  |
| Ships and vessels          | 1,234,191                              | -                            | 256,799                                  | ` -′                               | (116,990)   | 61,547                                 | 1,435,547                                      |  |
| Vehicles                   | 1,167,310                              | 37,432                       | 273,840                                  | (271,900)                          | (260,776)   | 997                                    | 946,903  |  |
| Others                     | 259,888                                | 11,257                       | 173,995                                  | (34,558)                           | (89,075)  | 57,648                                 | 379,155  |  |
|                            | ₩ 5,034,316                            | ₩ 65,925                     | ₩ 1,784,399                              | ₩ (489,621)                        | ₩ (1,122,866)                                     | ₩ 165,261                              | ₩ 5,437,414                                    |  |
|                            | For the year ended December 31, 2021   |                              |  |                                    |   |  |  |  |
|                            |  |                              | For th                                   | e year ended De                    | ecember 31, 2021                                  |  |  |  |
|                            | Beginning                              | Business                     | For th                                   | e year ended De                    | ecember 31, 2021                                  |  | Ending   |  |
|                            | Beginning balance                      | Business<br>combination      | For th                                   | e year ended De                    | ecember 31, 2021  Depreciation                    | Others (*1)                            | Ending balance                                 |  |
| Land and buildings         |  |                              | Increase                                 | Decrease                           | Depreciation                                      |  | balance  |  |
| Land and buildings<br>Tank | balance                                | combination                  | Increase                                 |                                    |   | Others (*1)                            | balance  |  |
| · ·                        | balance<br>₩ 3,230,719                 | <u>combination</u> ₩ 28,165  | <u>Increase</u><br>₩ 964,605             |                                    |   | Others (*1)<br>W (1,109,863)           | <u>balance</u><br>₩ 2,200,309                  |  |
| Tank                       | balance<br>₩ 3,230,719<br>217,252      | <u>combination</u> ₩ 28,165  | <u>Increase</u> ₩ 964,605 11,355 286,424 |                                    | Depreciation \(\psi\) (522,480) (61,864) (97,223) | Others (*1) W (1,109,863) 7,018        | <u>balance</u> ₩ 2,200,309 172,618             |  |
| Tank<br>Ships and vessels  | balance  ₩ 3,230,719 217,252 1,013,186 | combination<br>₩ 28,165<br>- | <u>Increase</u> ₩ 964,605 11,355 286,424 | Decrease \(\pi\) (390,837) (1,143) | Depreciation \(\psi\) (522,480) (61,864) (97,223) | Others (*1) W (1,109,863) 7,018 31,804 | balance<br>₩ 2,200,309<br>172,618<br>1,234,191 |  |

- (\*1) The amounts include net foreign exchange differences and others.
- (3) Changes in lease liabilities for the year ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                   |             |             |             | For the year en | <u>ded December 31,</u> | 2022     |               |             |
|-------------------|-------------|-------------|-------------|-----------------|-------------------------|----------|---------------|-------------|
|                   | Beginning   | Business    |             | Interest        |                         |          |               | Ending      |
|                   | balance     | combination | Increase    | expenses        | Decrease                | Transfer | Others (*1)   | balance     |
| Lease liabilities | ₩ 5,054,890 | ₩ 69,176    | ₩ 1,699,435 | ₩ 146,290       | ₩ (1,245,908) ₩         | (96,717) | ₩ (120,719)   | ₩ 5,506,447 |
|                   |             |             |             |                 | , , , , ,               | , , ,    | , ,           |             |
|                   |             |             |             | For the year en | ded December 31,        | 2021     |               |             |
|                   | Beginning   | Business    |             | Interest        |                         |          |               | Ending      |
|                   | balance     | combination | Increase    | expenses        | Decrease                | Transfer | Others (*1)   | balance     |
| Lease liabilities | ₩ 5,665,951 | ₩ 29,476    | ₩ 1,633,969 | ₩ 110,475       | ₩ (1,181,100) ₩         | (64,521) | ₩ (1,139,360) | ₩ 5,054,890 |

(\*1) The amounts include net foreign exchange differences and others.

The Group recognized lease payments of  $\mbox{$W$317,851$ million}$  ( $\mbox{$W$164,901$ million}$  as of December 31, 2021) in relation to short-term lease,  $\mbox{$W$20,525$ million}$  ( $\mbox{$W$10,584$ million}$  as of December 31, 2021) in relation to leases of low-value assets, and  $\mbox{$W$282,466$ million}$  ( $\mbox{$W$157,456$ million}$  as of December 31, 2021) in relation to variable lease payments in cost of sales and selling and administrative expenses during the year ended December 31, 2022. The total cash outflow of leases during the year ended December 31, 2022 is  $\mbox{$W$1,866,750$ million}$  ( $\mbox{$W$1,514,041$ million}$  as of December 31, 2021).

## 13. Investment properties

(1) Details of investment properties as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                 | Dece | <u>mber 31, 2022</u> <u>Dece</u> | mber 31, 2021 |
|---------------------------------|------|----------------------------------|---------------|
| Acquisition cost                | ₩    | 2,046,637 ₩                      | 1,125,221     |
| Accumulated depreciation        |      |                                  |               |
| and accumulated impairment loss |      | (180,531)                        | (158,093)     |
| ·                               | ₩    | 1,866,106 W                      | 967,128       |

(2) Changes in investment properties for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|            | For the year ended December 31, 2022 |                |   |            |       |                |         |                  |     |           |   |           |
|------------|--------------------------------------|----------------|---|------------|-------|----------------|---------|------------------|-----|-----------|---|-----------|
|            | В                                    | eginning       |   |            |       | -              |         |                  |     |           |   | Ending    |
|            |                                      | balance        |   | cquisition |       | Disposal       | Depre   | eciation         | Oth | ers (*1)  |   | balance   |
| Land       | ₩                                    | 544,584        | ₩ | 892,851    | ₩     | (4,846)        | ₩       | - 3              | ₩   | (311,464) | ₩ | 1,121,125 |
| Buildings  |                                      | 417,545        |   | 329,385    |       | (1,304)        |         | (17,562)         |     | 11,858    |   | 739,922   |
| Structures |                                      | 4,999          |   | 5          |       |                |         | (148)            |     | 203       |   | 5,059     |
|            | ₩                                    | 967,128        | ₩ | 1,222,241  | ₩     | (6,150)        | ₩       | (17,710)         | ₩   | (299,403) | ₩ | 1,866,106 |
|            |                                      |                |   | Fo         | r the | year ended Dec | ember : | 31, 2021         |     |           |   |           |
|            | В                                    | eginning       |   |            |       |                |         |                  |     |           |   | Ending    |
|            |                                      | balance        |   | cquisition |       | Disposal       | Depre   | eciation         | Oth | ers (*1)  |   | balance   |
| Land       | ₩                                    | 501,528        | ₩ | -          | ₩     | (131,201)      | ₩       | -                | ₩   | 174,257   | ₩ | 544,584   |
| Buildings  |                                      | 63,800         |   | 44,268     |       | (111,308)      |         | (17,058)         |     | 437,843   |   | 417,545   |
| Structures |                                      | 3,828          |   | 452        |       | <u>-</u>       |         | (72)             |     | 791       |   | 4,999     |
|            | ₩                                    | <u>569,156</u> | ₩ | 44,720     | ₩     | (242,509)      | ₩       | <u>(17,130</u> ) | ₩   | 612,891   | ₩ | 967,128   |

- (\*1) This includes net translation differences, transferred amounts to property, plant and equipment and others.
- (3) Details of profit or loss recognized for the year ended December 31, 2022 and 2021 with regards to investment properties are as follows (Korean won in millions):

|                | <u>Decem</u> | ber 31, 2022 | <u>December 31, 2021</u> |              |
|----------------|--------------|--------------|--------------------------|--------------|
| Rental revenue | ₩            | 95,762       | ₩ 67,2                   | 248          |
| Depreciation   |              | (17,710)     | (17,1                    | <u>130</u> ) |
|                | ₩            | 78,052       | ₩ 50,                    | 118          |

The Group does not distinguish operating expenses related to rental revenue.

(4) As of December 31, 2022, the fair value of investment properties is ₩2,186,332 million.

### 14. Goodwill

(1) Changes in goodwill for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                    |                          | For the years ended |      |               |  |
|------------------------------------|--------------------------|---------------------|------|---------------|--|
|                                    | Dece                     | ember 31, 2022      | Dece | mber 31, 2021 |  |
| Beginning balance                  | ₩                        | 5,618,511           | ₩    | 4,454,730     |  |
| Business combination (See note 40) |                          | 1,724,875           |      | 1,028,547     |  |
| Others (*1)                        |                          | 132,172             |      | 135,234       |  |
| Ending balance                     | $\underline{\mathbb{W}}$ | 7,475,558           | ₩    | 5,618,511     |  |

- (\*1) Others include net translation differences, retroactive adjustment amount of identifiable net assets in accordance with past business combination.
- (2) Impairment testing of goodwill
- 1) Goodwill of each operating segment for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                  | For the years ended |                   |  |
|----------------------------------|---------------------|-------------------|--|
|                                  | December 31, 2022   | December 31, 2021 |  |
| SK Inc. and others               | ₩ 1,484,802         | ₩ 1,279,365       |  |
| Group of SK Innovation Co., Ltd. | 308,030             | 297,664           |  |
| Group of SK Telecom Co., Ltd.    | 407,655             | 405,639           |  |
| Group of SK Square Co., Ltd.     | 1,419,319           | 1,359,816         |  |
| Group of SK E&S Co., Ltd.        | 262,908             | 49,569            |  |
| Group of SK Networks Co., Ltd.   | 442,860             | 443,522           |  |
| Group of SKC Co., Ltd.           | 871,782             | 775,088           |  |
| Group of SK Ecoplant Co., Ltd.   | 2,278,202           | 1,007,848         |  |
|                                  | ₩ 7,475,558         | ₩ 5,618,511       |  |

2) Significant assumptions to estimate the recoverable amounts reflected the management's expectation of future trend considered with external and internal (historical) information.

Significant assumptions used in impairment testing of goodwill for the year ended December 31, 2022 are as follows:

|                                  | Recoverable  |                  |                    |
|----------------------------------|--------------|------------------|--------------------|
|                                  | amount       | Growth rate (*1) | Discount rate (*2) |
| SK Inc. and others               | Value in use | 1.0%             | 10.3% ~ 14.9%      |
| Group of SK Innovation Co., Ltd. | Value in use | 0.0% ~ 2.0%      | 11.0% ~ 12.5%      |
| Group of SK Telecom Co., Ltd.    | Value in use | 1.0%             | 6.7%               |
| Group of SK Square Co., Ltd.     | Value in use | 1.0%             | 9.1%               |
| Group of SK E&S Co., Ltd.        | Value in use | 0.0%             | 8.5% ~ 20.0%       |
| Group of SK Networks Co., Ltd.   | Value in use | 1.0%             | 9.3% ~ 14.4%       |
| Group of SKC Co., Ltd.           | Value in use | 1.0%             | 11.4% ~ 12.9%      |
| Group of SK Ecoplant Co., Ltd.   | Value in use | 1.0% ~ 1.7%      | 8.3% ~ 9.4%        |

- (\*1) Future cash flows for additional periods after the estimated period are estimated using a fixed growth rate.
- (\*2) The discount rate used to determine the recoverable amount of each operating segment is based on the weighted-average cost of capital.

### 15. Intangible assets

Developed technology

Others (\*3)

(1) Details of intangible assets for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |     |            |     |          | F  | or the year | end | ed Decembe | er 31, 2022   |             |              |
|--|-----|------------|-----|----------|----|-------------|-----|------------|---------------|-------------|--------------|
|  | Е   | Beginning  | Bu  | siness   |    | -           |     |            |               |             | Ending       |
|  |     | balance    | com | bination | Ac | quisitions  | Di  | isposals   | Amortization  | Others (*2) | balance      |
| Development costs                        | ₩   | 292,091    | ₩   | -        | ₩  | 52,106      | ₩   | (915)      | ₩ (77,924)    | ₩ (13,044)  | ₩ 252,314    |
| Facility usage rights                    |     | 51,727     |     | 2,274    |    | 2,176       |     | (2)        | (6,836)       | (15,988)    | 33,351       |
| Industrial property rights               |     | 122,489    |     | 127,708  |    | 18,688      |     | (2,157)    | (12,858)      | (59,058)    | 194,812      |
| Frequency usage rights                   |     | 2,559,690  |     | -        |    | -           |     | -          | (477, 256)    | -           | 2,082,434    |
| Customer-related assets                  |     | 2,915,524  |     | 346,584  |    | 1,540       |     | (239)      | (293,536)     | 16,037      | 2,985,910    |
| Membership (*1)                          |     | 308,690    |     | 3,682    |    | 54,139      |     | (15,000)   | -             | 1,645       | 353,156      |
| Development costs for petroleum          |     | 1,134,207  |     | -        |    | 201,943     |     | -          | (74,847)      | 39,358      | 1,300,661    |
| resource                                 |     |            |     |          |    |             |     |            |               |             |              |
| Brand-related assets (*1)                |     | 2,634,144  |     | 27,243   |    | -           |     | -          | -             | 20,296      | 2,681,683    |
| Developed technology                     |     | 870,417    |     | 131,033  |    | -           |     | -          | (174,695)     | 49,809      | 876,564      |
| Others (*3)                              |     | 1,792,911  |     | 152,514  |    | 254,752     |     | (11,230)   | (616,855)     | 376,042     | 1,948,134    |
|  | ₩ ′ | 12,681,890 | ₩   | 791,038  | ₩  | 585,344     | ₩   | (29,543)   | ₩ (1,734,807) | ₩ 415,097   | ₩ 12,709,019 |
|  |     |            |     |          |    |             |     |            |               |             |              |
|  |     |            |     |          | F  | or the year | end | ed Decembe | er 31, 2021   |             |              |
|  | Е   | Beginning  | Bu  | siness   |    |             |     |            |               |             | Ending       |
|  |     | balance    | com | bination | Ac | quisitions  | Di  | isposals   | Amortization  | Others (*2) | balance      |
| Development costs                        | ₩   | 219,166    | ₩   | 1,383    | ₩  | 61,448      | ₩   | (1,742)    | ₩ (65,102)    | ₩ 76,938    | ₩ 292,091    |
| Facility usage rights                    |     | 55,671     |     | -        |    | 1,817       |     | (21)       | (8,135)       | 2,395       | 51,727       |
| Industrial property rights               |     | 87,019     |     | 37,730   |    | 20,719      |     | (2,629)    | (11,084)      | (9,266)     | 122,489      |
| Frequency usage rights                   |     | 1,932,765  |     | -        |    | 1,146,000   |     | -          | (519,075)     | -           | 2,559,690    |
| Customer-related assets                  |     | 2,999,319  |     | 63,688   |    | 69,825      |     | (506)      | (266,281)     | 49,479      | 2,915,524    |
| Membership (*1)                          |     | 284,835    |     | -        |    | 32,968      |     | (16,302)   | -             | 7,189       | 308,690      |
| Development costs for petroleum resource |     | 1,149,011  |     | -        |    | 59,407      |     | -          | (35,517)      | (38,694)    | 1,134,207    |
| Brand-related assets (*1)                |     | 2.631.393  |     | 10       |    | _           |     | _          | _             | 2.741       | 2.634.144    |

(\*1) Membership and brand-related assets are classified as intangible assets with infinite useful lives and are not amortized.

<u>383,505</u> <u>₩ 1,617,634</u> <u>₩</u>

280,694

18,010

207,440

(156, 179)

(626, 430)

(28,635) \times (1,687,803) \times

(7.435)

18,999

246.131

870.417

1,792,911

355,912 <u>₩ 12,681,890</u>

989.587

1,692,511

₩ 12,041,277 ₩

- (\*2) This includes impairment loss, net translation differences, transfer to intangible assets from construction-in-progress and others.
- (\*3) This comprises intangible assets recognized through business combination, software, usable and profitable donation assets and others.
- (2) Impairment testing of brand-related assets

The Company has estimated the recoverable amount of brand-related assets with indefinite useful lives for the impairment test. Significant assumptions to estimate the recoverable amounts reflected the management's expectation of future trend considered with external and internal (historical) information.

Significant assumptions used in impairment testing of brand-related assets as of December 31, 2022 are as follows:

 Growth rate (\*1)
 Discount rate (\*2)

 Value in use
 1.0%
 10.3% ∼ 14.9%

- (\*1) Future cash flows for additional periods after the estimated period are estimated using a fixed growth rate.
- (\*2) The discount rate was estimated by adding risk premium to weighted average cost of capital.

As a result of goodwill impairment test of brand-related assets, the carrying amount does not exceed the recoverable amount, so there is no impairment loss recognized during the year ended December 31, 2022.

## 16. Borrowings and bonds payable

(1) Details of borrowings and bonds payable as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                 | Decembe             | er 31, 2022         | <u>December</u> | · 31, 2021   |
|---------------------------------|---------------------|---------------------|-----------------|--------------|
|                                 | Current             | Non-current         | Current         | Non-current  |
| Short-term borrowings (*1)      | ₩ 17,457,297        | '₩ -                | ₩ 7,657,381     | ₩ -          |
| Bonds and long-term borrowings: |                     |                     |                 |              |
| Bonds payable                   | 8,119,008           | 27,743,958          | 5,613,715       | 29,242,287   |
| Long-term borrowings (*1)       | 3,254,112           | 17,897,787          | 2,214,356       | 13,377,854   |
|                                 | 11,373,120          | 45,641,745          | 7,828,071       | 42,620,141   |
|                                 | <b>₩ 28,830,417</b> | <u>₩ 45,641,745</u> | ₩ 15,485,452    | ₩ 42,620,141 |

- (\*1) It includes borrowings collaterized for trade receivables of \( \psi 98,947 \) million and \( \psi 89,423 \) million as of December 31, 2022 and 2021, respectively, which were transferred but not derecognized.
- (2) Details of bonds payable as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|  | December 31, 2022   | December 31, 2021 |
|--|---------------------|-------------------|
| SK Inc.                                      | ₩ 6,915,000         | ₩ 6,735,000       |
| SK Innovation Co., Ltd.                      | 1,293,650           | 1,252,750         |
| SK Energy Co., Ltd.                          | 3,310,000           | 3,360,000         |
| SK Geo Centric Co., Ltd.                     | 1,810,000           | 1,750,000         |
| SK Incheon Petrochem Co., Ltd.               | 2,037,000           | 2,110,000         |
| SK Enmove Co., Ltd.                          | 920,000             | 720,000           |
| SK Battery America, Inc.                     | 1,267,300           | 1,185,500         |
| SK On Co., Ltd.                              | 700,000             | 700,000           |
| SK Earthon Co., Ltd.                         | 150,000             | 150,000           |
| SK Telecom Co., Ltd.                         | 7,005,760           | 6,822,600         |
| SK Broadband Co., Ltd.                       | 1,380,190           | 1,625,650         |
| SK Shieldus Co., Ltd.                        | 297,823             | 297,823           |
| SK Networks Co., Ltd.                        | 1,110,000           | 1,040,000         |
| SK Magic Co., Ltd.                           | 453,000             | 360,000           |
| SK Rent-a-Car Co., Ltd.                      | 725,000             | 720,000           |
| SKC Co., Ltd.                                | 192,400             | 398,807           |
| SK Telesys Co., Ltd.                         | 10,000              | 30,000            |
| SKC Hightech & Marketing Co., Ltd.           | -                   | 10,000            |
| SK E&S Co., Ltd.                             | 1,580,000           | 1,380,000         |
| Paju Energy Service Co., Ltd.                | 680,000             | 730,000           |
| Narae Energy Service Co., Ltd.               | 370,000             | 360,000           |
| Yeoju Energy Service Co., Ltd.               | 200,000             | 200,000           |
| Ige Co., Ltd.                                | 130,000             | -                 |
| SK Ecoplant Co., Ltd.                        | 1,550,000           | 1,558,000         |
| SK Oceanplant Co.,Ltd.                       | 55,000              | -                 |
| SK Specialty Co., Ltd.                       | 460,000             | 460,000           |
| SK Materials Airplus Incorporated.           | 100,000             | 100,000           |
| SK Siltron Co., Ltd.                         | 741,000             | 779,000           |
| Teraon Co., Ltd.                             | 10                  | 10                |
| SK Signet Inc.                               | 500                 | 2,800             |
| SK REITs Co., Ltd.                           | 429,000             | <del>_</del>      |
|  | 35,872,633          | 34,837,940        |
| Addition: premium(Discount) on bonds payable | (9,667)             |                   |
| Less: current portion                        | (8,119,008)         |                   |
|  | <u>₩ 27,743,958</u> | ₩ 29,242,287      |

### 16. Borrowings and bonds payable (cont'd)

(3) Details of long-term borrowings as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                     |  | Interest              | December 31,        | December 31, |
|-------------------------------------|--|-----------------------|---------------------|--------------|
| Financial institution               | Description                            | <u>rate (%)</u>       | 2022                | 2021         |
| Korea Development Bank and others   | General                                | 0.00 ~ 6.83 ₹         | ₹ 8,256,466         | ₩ 7,062,438  |
| Korea Development Bank and others   | Fund for facility                      | 1.50 ~ 7.50           | 5,811,463           | 4,300,193    |
| Standard Chartered Bank and others  | Foreign borrowings                     | 0.00 ~ 8.00           | 5,714,344           | 2,463,366    |
| Korea Energy Agency (*1)            | Fund for mine exploration              | 0.00 ~ 8.80           | 75,416              | 61,804       |
| Econg 1st Co., Ltd. and others      | Callable preferred share               | 2.64 ~ 3.09           | -                   | 100,420      |
| Korea Development Bank and others   | Fund for operation                     | 3.48 ~ 5.70           | 19,520              | 252,276      |
| KEB Hana Bank                       | Fund for reasonable energy consumption | 1.75                  | -                   | 3,477        |
| Korea Development Bank and others   | Takeover                               | LIBOR(3M)<br>+ 1.60   | 177,422             | 165,970      |
| Mizuho Bank and others              | Takeover                               | EURIBOR(3M)<br>+ 0.70 | 217,543             | 216,117      |
| MD Prime 1st Co., Ltd. and others   | Others                                 | 3MCD+1.8, 4.95_       | 1,007,818           | 1,007,818    |
|                                     |  |                       | 21,279,992          | 15,633,879   |
| Addition (less): premium (discount) |  |                       | (128,093)           | (41,669)     |
| Less: current portion               |  | _                     | (3,254,112)         | (2,214,356)  |
|                                     |  | <u>¥</u>              | <u>₹ 17,897,787</u> | ₩ 13,377,854 |

(\*1) As of December 31, 2022 and December 31, 2021, the Group holds a loan amounting to \$\psi\$ 67,655 million and \$\psi\$53,420 million from Korea Energy Agency for the purpose of oil exploration and development in which there is no repayment obligation in case for failure in exploration.

Long-term borrowings presented above are to be repaid either in installments or all at once at maturity. Financial instruments and other assets of the Group are pledged as detailed in Note 35.

### 17. Long-term other payables

Details of long-term other payables as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                       |               | Deceml         | ber 31, 2022    |                        |
|-----------------------|---------------|----------------|-----------------|------------------------|
|                       |               | Discount       |                 | Long-term              |
|                       |               | on long-term   |                 | other                  |
|                       | Nominal value | other payables | Current portion | payables               |
| Frequency usage right | ₩ 1,690,470   | ₩ (52,129)     | (398,874)       | ₩ 1,239,467            |
| Others                | 273,740       | <u>-</u>       | <u> </u>        | 273,740                |
|                       | ₩ 1,964,210   | ₩ (52,129)     | ₩ (398,874)     | ₩ 1,513,207            |
|                       |               |                |                 |                        |
|                       |               | Decemb         | ber 31, 2021    |                        |
|                       |               | Discount       |                 | Long-term              |
|                       |               | on long-term   |                 | other                  |
|                       | Nominal value | other payables | Current portion | payables               |
| Frequency usage right | ₩ 2,090,715   | ₩ (80,882)     | (398,823)       | ₩ 1,611,010            |
| Others                | 243,333       |                | <u>-</u>        | 243,333                |
|                       | ₩ 2,334,048   | ₩ (80,882)     | ₩ (398,823)     | <del>₩</del> 1,854,343 |

#### 18. Provisions

Changes in the provisions for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|   | For the year ended December 31, 2022 |           |           |         |     |  |           |    |         |   |         |  |
|---|--------------------------------------|-----------|-----------|---------|-----|--|-----------|----|---------|---|---------|--|
|   | Beginning                            |           |           |         | •   | Ending   |           |    |         |   | Non-    |  |
|   |                                      | balance   | <u>In</u> | crease  | _ D | ecrease  | balance   | Cı | urrent  | c | urrent  |  |
| Provision for sale warranties                   | ₩                                    | 131,417   | ₩         | 111,744 | ₩   | (27,970)₩  | 215,191   | ₩  | 44,093  | ₩ | 171,098 |  |
| Provision for service / construction warranties |                                      | 99,366    |           | 20,614  |     | (24,132)   | 95,848    |    | 95,848  |   | -       |  |
| Provision for restoration                       |                                      | 581,157   |           | 153,298 |     | (29,284)   | 705,171   |    | 138,526 |   | 566,645 |  |
| Provision for onerous contracts                 |                                      | 256,190   |           | 108,729 |     | (82,680)   | 282,239   |    | 235,530 |   | 46,709  |  |
| Other provisions (*1)                           |                                      | 168,371   |           | 360,630 |     | (320,426)  | 208,575   |    | 126,201 |   | 82,374  |  |
|   | ₩                                    | 1,236,501 | ₩         | 755,015 | ₩   | (484,492) <del>\text{\ti}}\\ \text{\tex{\tex</del> | 1,507,024 | ₩  | 640,198 | ₩ | 866,826 |  |

(\*1) Other provisions include \( \preceq 8,467 \) million of greenhouse gas emission allowance, and the Group recognizes expenses estimated to be spent for fulfilling its obligation on emissions exceeding greenhouse gas emission rights granted to the Group for the applicable year (See Note 39).

|   | For the year ended December 31, 2021 |         |           |         |        |  |                        |       |      |      |         |
|---|--------------------------------------|---------|-----------|---------|--------|--|------------------------|-------|------|------|---------|
|   | Beginning                            |         |           |         | Ending |  |                        |       |      | Non- |         |
|   |                                      | balance | <u>In</u> | crease  | D      | ecrease  | balance                | Curre | nt   | C    | urrent  |
| Provision for sale warranties                   | ₩                                    | 91,319  | ₩         | 48,088  | ₩      | (7,990)₩   | 131,417                | ₩ 4   | ,910 | ₩    | 126,507 |
| Provision for service / construction warranties |                                      | 101,415 |           | 21,791  |        | (23,840)   | 99,366                 | 99    | ,366 |      | -       |
| Provision for restoration                       |                                      | 166,855 |           | 426,452 |        | (12,150)   | 581,157                | 60    | ,840 |      | 520,317 |
| Provision for onerous contracts                 |                                      | 353,075 |           | 23,290  |        | (120,175)  | 256,190                | 223   | ,103 |      | 33,087  |
| Other provisions (*1)                           |                                      | 224,737 |           | 188,514 |        | (244,880)  | 168,371                | 141   | ,830 |      | 26,541  |
|   | ₩                                    | 937,401 | ₩         | 708,135 | ₩      | (409,035) <del>\text{\tin}\ext{\texi{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\texi{\text{\text{\text{\text{\text{\text{\texit{\tet{\text{\text{\text{\text{\text{\texi}\text{\text{\tint}\ti</del> | <sup>1</sup> 1,236,501 | ₩ 530 | ,049 | ₩    | 706,452 |

(\*1) Other provisions include \widetilde{\pmathbb{W}}18,402 million of greenhouse gas emission allowance, and the Group recognizes expenses estimated to be spent for fulfilling its obligation on emissions exceeding greenhouse gas emission rights granted to the Group for the applicable year (See Note 39).

### 19. Defined benefit liabilities

(1) Details of defined benefit liabilities as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|   | Dece | mber 31, 2022 | December 31, 2021 |
|---|------|---------------|-------------------|
| Present value of defined benefit obligation | ₩    | 3,418,566     | ₩ 3,609,349       |
| Fair value of plan assets                   |      | (3,908,480)   | (3,381,561)       |
| Defined benefit liability                   |      | 170,368       | 283,938           |
| Defined benefit asset (*1)                  |      | (660,282)     | (56,150)          |

- (\*1) Since the Group has neither an enforceable legal right to use any excess reserves of a plan in the Group for a settlement of defined benefit obligations of another plan nor an intention to settle such obligations likewise, the asset above may not be set off.
- (2) Changes in the defined benefit liabilities for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|   | For the year ended December 31, 2022 |            |                 |           |  |  |
|---|--------------------------------------|------------|-----------------|-----------|--|--|
|   | Present value                        |            |                 |           |  |  |
|   |                                      | of defined |                 |           |  |  |
|   |                                      | benefit    | Fair value of   |           |  |  |
|   |                                      | obligation | plan assets     | Total     |  |  |
| Beginning balance                                     | ₩                                    | 3,609,349  | ₩ (3,381,561) ₩ | 227,788   |  |  |
| Business combination                                  |                                      | 29,730     | (27,223)        | 2,507     |  |  |
| Provision for pension benefits:                       |                                      |            |                 |           |  |  |
| Current service cost                                  |                                      | 446,510    | -               | 446,510   |  |  |
| Past service cost                                     |                                      | 31         | -               | 31        |  |  |
| Net interest expense (income)                         |                                      | 114,756    | (109,849)       | 4,907     |  |  |
| Remeasurement:  |                                      |            |                 |           |  |  |
| Return on plan assets                                 |                                      | -          | 59,001          | 59,001    |  |  |
| (excluding amounts included in net interest expenses) |                                      |            |                 |           |  |  |
| Actuarial changes arising from changes                |                                      | (396,996)  | -               | (396,996) |  |  |
| in financial assumptions and others                   |                                      | ,          |                 | ,         |  |  |
| Contributions by employer directly to plan assets     |                                      | -          | (840,984)       | (840,984) |  |  |
| Benefit paid  |                                      | (355,317)  | 323,722         | (31,595)  |  |  |
| Others  |                                      | (29,497)   | 68,414          | 38,917    |  |  |
| Ending balance  | ₩                                    | 3,418,566  | ₩ (3,908,480)   | 489,914   |  |  |

## 19. Defined benefit liabilities (cont'd)

|  | For the year ended December 31, 2021 |            |                 |           |  |  |
|--|--------------------------------------|------------|-----------------|-----------|--|--|
|  | Present value                        |            |                 |           |  |  |
|  |                                      | of defined |                 |           |  |  |
|  |                                      | benefit    | Fair value of   |           |  |  |
|  |                                      | obligation | plan assets     | Total     |  |  |
| Beginning balance                                    | ₩                                    | 3,491,805  | ₩ (3,054,840) ₩ | 436,965   |  |  |
| Business combination                                 |                                      | 3,182      | -               | 3,182     |  |  |
| Provision for pension benefits:                      |                                      |            |                 |           |  |  |
| Current service cost                                 |                                      | 450,854    | -               | 450,854   |  |  |
| Past service cost                                    |                                      | 164        | -               | 164       |  |  |
| Net interest expense (income)                        |                                      | 83,124     | (74,100)        | 9,024     |  |  |
| Remeasurement:                                       |                                      |            |                 |           |  |  |
| Return on plan assets                                |                                      | -          | 19,943          | 19,943    |  |  |
| (excluding amounts included in net interest expense) |                                      |            |                 |           |  |  |
| Actuarial changes arising from changes               |                                      | (29,458)   | -               | (29,458)  |  |  |
| in financial assumptions and others                  |                                      |            |                 |           |  |  |
| Contributions by employer directly to plan assets    |                                      | -          | (588,275)       | (588,275) |  |  |
| Benefit paid   |                                      | (339,058)  | 313,145         | (25,913)  |  |  |
| Others   |                                      | (51,264)   | 2,566           | (48,698)  |  |  |
| Ending balance                                       | ₩                                    | 3,609,349  | ₩ (3,381,561)   | 227,788   |  |  |

<sup>(3)</sup> As of December 31, 2022 and 2021, 51.24% and 62.96% of the plan assets, respectively, consist of cash and cash equivalents and debt instruments.

(4) The principal assumptions used in actuarial calculation as of December 31, 2022 and 2021 are as follows:

|  | <u>December 31, 2022</u> | <u>December 31, 2021</u> |
|--|--------------------------|--------------------------|
| Discount rate for defined benefit obligation | 2.30% ~ 6.17%            | 2.30% ~ 3.69%            |
| Expected rate of salary increase             | 1.00% ~ 8.37%            | 1.00% ~ 8.00%            |

(5) The sensitivity analysis for significant actuarial assumptions as of December 31, 2022 is as follows (Korean won in millions):

|  | impact on the defined benefit liabilities |   |           |   |           |  |  |  |
|--|---|---|-----------|---|-----------|--|--|--|
|  | Sensitivity level                         | _ | Increase  |   | Decrease  |  |  |  |
| Discount rate for defined benefit obligation | 0.5% point                                | ₩ | (128,807) | ₩ | 140,745   |  |  |  |
| Expected rate of salary increase             | 0.5% point                                |   | 137,482   |   | (127,404) |  |  |  |

The sensitivity analysis above has been done under the assumption that all other variables remain unchanged. However, actual results may change through the interaction among other variables.

## 20. Other assets and liabilities

(1) Details of other assets as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                 | December 31, 2022  | December 31, 2021  |
|---------------------------------|--------------------|--------------------|
| Current assets:                 |                    |                    |
| Short-term loans                | ₩ 132,368          | ₩ 94,031           |
| Accrued income                  | 117,013            | 114,924            |
| Advanced payments               | 1,295,693          | 1,280,959          |
| Prepaid expenses                | 2,788,339          | 2,695,879          |
| Guarantee deposits              | 469,258            | 276,658            |
| Derivative financial assets     | 440,126            | 131,631            |
| Lease receivables               | 27,745             | 19,016             |
| Other contract assets           | 150,887            | 112,226            |
| Others                          | 168,273            | 154,321            |
|                                 | <u>₩ 5,589,702</u> | <u>₩ 4,879,645</u> |
| Non-current assets:             |                    |                    |
| Long-term prepaid expenses      | ₩ 1,228,124        | ₩ 1,187,057        |
| Long-term loans                 | 408,954            | 411,711            |
| Guarantee deposits              | 692,386            | 711,104            |
| Derivative financial assets     | 1,186,659          | 740,617            |
| Long-term lease receivables     | 59,316             | 36,175             |
| Other long-term contract assets | 62,654             | 41,580             |
| Others                          | 218,440            | 174,832            |
|                                 | ₩ 3,856,533        | ₩ 3,303,076        |

(2) Details of other liabilities as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|  | Decemb | er 31, 2022 | December 31, 2021 |
|--|--------|-------------|-------------------|
| Current liabilities:                                       |        |             |                   |
| Accrued expenses   | ₩      | 4,821,371   | ₩ 4,845,940       |
| Dividends payable  |        | 935         | 887               |
| Advances received  |        | 2,107,997   | 1,464,756         |
| Unearned revenue   |        | 139,865     | 99,749            |
| Withholdings   |        | 1,859,463   | 2,061,187         |
| Leasehold deposits received                                |        | 167,538     | 198,776           |
| Income tax payable   |        | 1,239,007   | 1,244,891         |
| Derivative financial liabilities                           |        | 208,194     | 321,570           |
| Lease liabilities  |        | 1,286,208   | 1,250,891         |
| Finance guarantee liabilities                              |        | 1,508       | 642               |
| Financial liabilities at fair value through profit or loss |        | 57,218      | 160,528           |
| Other contract liabilities                                 |        | 269,543     | 293,715           |
| Others   |        | 126,513     | 48,266            |
|  | ₩      | 12,285,360  | ₩ 11,991,798      |
| Non-current liabilities:                                   |        |             |                   |
| Long-term accrued expenses                                 | ₩      | 60,537      | ₩ 34,035          |
| Long-term unearned revenue                                 |        | 839,648     | 640,133           |
| Leasehold deposits received                                |        | 432,615     | 298,478           |
| Derivative financial liabilities                           |        | 818,419     | 439,235           |
| Long-term lease liabilities                                |        | 4,220,239   | 3,803,999         |
| Financial guarantee liabilities                            |        | 23,400      | 16,910            |
| Financial liabilities at fair value through profit or loss |        | 91,355      | 59,123            |
| Other long-term contract liabilities                       |        | 75,875      | 51,220            |
| Others (*1)  |        | 454,038     | 225,409           |
| • •  | ₩      | 7,016,126   |                   |

<sup>(\*1)</sup> Includes long-term employee benefit liabilities amounting to ₩137,793 million and ₩125,102 million as of December 31, 2022 and 2021, respectively.

### 20. Other assets and liabilities (cont'd)

(3) Details of incremental costs of obtaining a contract as of December 31, 2022 and 2021 are as follows (Korean won in millions):

| Current incremental costs of obtaining a contract     |
|---|
| Non-current incremental costs of obtaining a contract |

|   | December 31, 2022 |   | December 31, 2021 |
|---|-------------------|---|-------------------|
| ₩ | 1,888,182         | ₩ | 1,886,680         |
|   | 996,180           |   | 977,236           |
| ₩ | 2.884.362         | ₩ | 2.863.916         |

The Group pays fees to its dealers based on the performance of customer recruitment and contract renewal relating to mobile telephone services, etc., and among these fees, costs that would not have been incurred if there were no contracts with the customer is recognized as prepaid expenses. The asset is amortized on a straight-line basis over the estimated contract period with the related customer. On the other hand, the amount of incremental cost of obtaining a contract recognized as an asset which was expensed as commission expense and others in the consolidated statement of comprehensive income for the current period is W2,485,593 million.

### 21. Derivative financial assets and liabilities

(1) Details of derivative financial assets and liabilities as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                  |   | December 3                   | 31, 2022 <u> </u>         | <u>December 31, 2021</u> |    |           |  |
|----------------------------------|---|------------------------------|---------------------------|--------------------------|----|-----------|--|
|                                  | ( | Current I                    | Non-current               | Current                  | No | n-current |  |
| Firm contracts                   | ₩ | (17,832) ₩                   | ₹ (85,378) ₩              | 20,966                   | ₩  | (92,236)  |  |
| Swap contracts                   |   | 326,765                      | (187,723)                 | (218,791)                |    | (53,910)  |  |
| Forward contracts                |   | (66,554)                     | 39,790                    | 9,007                    |    | 11,170    |  |
| Futures contracts                |   | 4,827                        | -                         | 8,794                    |    | -         |  |
| Options contracts                |   | (15,274)                     | 601,551                   | <u>(9,915</u> )          |    | 436,358   |  |
|                                  | ₩ | <u>231,932</u> \(\frac{\H}{} | <u>₹ 368,240</u> <u>₩</u> | (189,939)                | ₩  | 301,382   |  |
| Derivative financial assets      | ₩ | 440,126 ₩                    | ₹ 1,186,659 <del>W</del>  | 131,631                  | ₩  | 740,617   |  |
| Derivative financial liabilities |   | (208, 194)                   | (818,419)                 | (321,570)                |    | (439,235) |  |

(2) The Group has entered into derivatives (such as foreign exchange forwards, foreign exchange swap and interest swap) contracts in order to avoid exchange rate risk of foreign currency assets and liabilities and the interest rate risk associated with debts. In addition, The Group recognizes derivatives for various rights such as call options and put options granted under the agreement between shareholders. As of December 31, 2022, significant derivative financial instruments that the Group holds as a hedge or held-for-trading are as follows:

| Segments                | Purpose of transaction  | Classification   | Financial institutes  |
|-------------------------|---|--|---|
| SK Inc.and others       | Hedge of foreign currency exchange risk of foreign currencyForeign denominated contract and others  | oreign exchange<br>forwards and total<br>revenue swap<br>agreement | KEB Hana Bank and others  |
| SK Innovation Co., Ltd. | Cash flow hedge of forecasted sales of products and the risk of changes in market interest rates  | Merchandise derivative<br>and interest swaps<br>and others         | BOA, Credit Agricole and others   |
| SK Telecom Co., Ltd.    | Hedge of foreign currency exchange risk of foreign currency denominated bond, hedge of currency exchange, interest rate risk of floating rate foreign currency denominated bond and the risk of changes in market interest rates and others | Foreign exchange swaps<br>and interest swaps<br>and others         | Korea Eximbank,<br>Citi Bank and others                                   |
| SK Square Co., Ltd.     | Purpose of sale   | conditional payment<br>consideration, option<br>and others         | Odin9LLC, individual and others   |
| SK Networks Co., Ltd.   | Hedge of foreign currency exchange risk of foreign currency denominated debt and bond and others  | Foreign exchange<br>forwards and interest<br>swaps and others      | KEB Hana Bank, Kookmin Bank and others                                    |
| SKC Co., Ltd.           | Hedge of foreign currency exchange risk of foreign currency denominated debt and bond and others  | Foreign exchange<br>forwards and<br>interest rate swaps            | KEB Hana Bank, Woori Bank,<br>Shinhan Bank and others                     |
| SK E&S Co., Ltd.        | Hedge of foreign currency exchange risk of foreign<br>currency denominated borrowings and hedge of interest<br>rate of floating rate borrowings.  | Foreign exchange<br>forwards and<br>interest rate swaps            | Korea Development Bank<br>Woori Bank, NH Bank,<br>Kookmin Bank and others |
|                         | Price change hedge of natural gas purchase contract   | Merchandise swaps  | J.ARON&COMPANY(SINGAPORE) PTE and others                                  |
| SK Ecoplant Co., Ltd.   | Hedge of exchange rate fluctuations of foreign currency<br>assets and liabilities, hedge of interest rate fluctuations<br>such as loans and others  | Foreign exchange<br>forwards, Foreign<br>exchange swaps            | KEB Hana Bank, Woori Bank,<br>Busan Bank, HSBC and others                 |
| SK Siltron Co., Ltd.    | Exchange rate and interest rate fluctuation risk aversion of foreign currency borrowings with variable interest rates   | Foreign exchange<br>swap, interest rate<br>swaps                   | Korea Development Bank,<br>Korea Eximbank, NH Bank                        |

## 22. Equity

(1) Details of issued capital as of December 31, 2022 and 2021 are as follows (Korean won in millions, except for number of shares):

|                                       | Dece                    | ember 31, 2022 | December 31, 2021 |
|---------------------------------------|-------------------------|----------------|-------------------|
| Number of shares authorized for issue |                         | 400,000,000    | 400,000,000       |
| Per share (Korean won)                | ₩                       | 200            | ₩ 200             |
| Number of shares issued:              |                         |                |                   |
| Ordinary share                        |                         | 74,149,329     | 74,149,329        |
| Preferred share                       |                         | 566,135        | 566,135           |
| Issued capital:                       |                         |                |                   |
| Ordinary share                        | ₩                       | 16,030         | ₩ 16,030          |
| Preferred share                       |                         | 113            | 113               |
|                                       | $\overline{\mathbb{W}}$ | 16,143         | <u>₩ 16,143</u>   |

The Company retired 6,000,000 shares of its treasury share (par value:  $\mathbb{W}1,200$  million) by reducing retained earnings, which resulted in a difference between total par value of ordinary shares and issued capital.

(2) Details of other paid-in capital as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                 | <u>Dece</u>             | <u>mber 31, 2022       Dece</u> | <u>mber 31, 2021</u> |
|---------------------------------|-------------------------|---------------------------------|----------------------|
| Additional paid-in capital (*1) | ₩                       | 6,609,167 ₩                     | 6,609,167            |
| Treasury shares (*2)            |                         | (2,009,083)                     | (1,812,774)          |
| Others                          |                         | 1,801,828                       | 1,648,903            |
|                                 | $\overline{\mathbb{W}}$ | 6,401,912 ₩                     | 6,445,296            |

- (\*1) During the year ended December 31, 2015, the Company repurchased treasury shares of \text{\$\psi 3,369,395\$ million from merger with the former SK Inc., which was recognized as a contraequity account on additional paid-in capital.
- (\*2) For the period ended December 31, 2022, treasury shares consist of those acquired to increase the enterprise value and to stabilize share price (7,951,583 ordinary shares) and those acquired from repurchase of shares from dissenting shareholders on business combination and shares arising from odd lot shares (11,023,237 ordinary shares and 1,787 preferred shares) during the year 2015.
- (3) Details of retained earnings as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                  | <u>December 31, 2022</u> |            | <u>Dec</u> | <u>ember 31, 2021                                   </u> |
|----------------------------------|--------------------------|------------|------------|--|
| Legal reserve (*1)               | ₩                        | 8,072      | ₩          | 7,693  |
| Voluntary reserve                |                          | 62,897     |            | 62,897   |
| Unappropriated retained earnings |                          | 14,847,644 | -          | 13,990,460   |
|                                  | ₩                        | 14,918,613 | ₩          | 14,061,050   |

(\*1) In accordance with the Korean Commercial Code, an amount equal to at least 10% of cash dividends is required to be appropriated as a legal reserve until the reserve equals 50% of issued capital. The legal reserve may not be utilized for cash dividends but may only be used to offset a deficit, if any, or be transferred to issued capital through approval at the general meeting of the shareholders.

## 22. Equity (cont'd)

### (4) Dividends

1) Details of dividends proposed for approval at the annual ordinary shareholders' meeting for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                  |     | For the years ended            |   |         |    |              |     |               |  |
|----------------------------------|-----|--------------------------------|---|---------|----|--------------|-----|---------------|--|
|                                  |     | December 31, 2022              |   |         |    | December     | 31, | 2021          |  |
|                                  | Ord | Ordinary share Preferred share |   |         | Or | dinary share | Pre | eferred share |  |
| Number of shares (*1)            |     | 55,174,508                     |   | 564,348 |    | 56,090,767   |     | 564,348       |  |
| Par value per share (Korean won) | ₩   | 200                            | ₩ | 200     | ₩  | 200          | ₩   | 200           |  |
| Dividend rate                    |     | 1,750%                         |   | 1,775%  |    | 3,250%       |     | 3,275%        |  |
| Dividends                        | ₩   | 193,112                        | ₩ | 2,003   | ₩  | 364,590      | ₩   | 3,696         |  |

- (\*1) The total number of shares was calculated from the number of issued shares excluding treasury shares.
- 2) Details of Interim dividends proposed for approval at board of directors for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                  |                                | For the years ended |   |              |    |                   |                 |         |  |
|----------------------------------|--------------------------------|---------------------|---|--------------|----|-------------------|-----------------|---------|--|
|                                  |                                | December 31, 2022   |   |              |    | December 31, 2021 |                 |         |  |
|                                  | Ordinary share Preferred share |                     |   | ferred share | Or | dinary share      | Preferred share |         |  |
| Number of shares (*1)            |                                | 56,125,518          |   | 564,348      |    | 52,307,337        |                 | 564,348 |  |
| Par value per share (Korean won) | ₩                              | 200                 | ₩ | 200          | ₩  | 200               | ₩               | 200     |  |
| Dividend rate                    |                                | 750%                |   | 750%         |    | 750%              |                 | 750%    |  |
| Dividends                        | ₩                              | 84,188              | ₩ | 847          | ₩  | 78,461            | ₩               | 847     |  |

- (\*1) The total number of shares was calculated from the number of issued shares excluding treasury shares.
- (5) Details of other components of equity as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|  | Dece                    | mber 31, 2022 Decen | nber 31, 2021 |
|--|-------------------------|---------------------|---------------|
| Net gain on valuation of financial assets measured at FVOCI        | ₩                       | (948,954) ₩         | 284,085       |
| Equity adjustments of investments in associates and joint ventures |                         | 101,980             | (27,047)      |
| Net gain on valuation of derivative instruments                    |                         | 61,374              | 13,388        |
| Net gain on translation of foreign operation                       |                         | 1,044,478           | 450,836       |
|  | $\overline{\mathbb{W}}$ | 258,878 ₩           | 721,262       |

### 22. Equity (cont'd)

(6) Upon resolution by the shareholders and the Board of Directors, the Group established a stock option program that entitles key management personnel an option to purchase ordinary shares. The terms and conditions related to the grants of the stock options granted under the share option program are as follows:

| 1) SK Inc.                  |                   |                       |                  |                      |                   |
|-----------------------------|-------------------|-----------------------|------------------|----------------------|-------------------|
| ,                           | 1-1(*1)           | 1-2(*2)               | 1-3(*2)          | 2-1(*2)              | 2-2(*2)           |
| Grant date                  | 2017-03-24        |                       |                  | 2020-03-25           |                   |
| Type of shares to be issued | Ordinary shares   |                       |                  |                      |                   |
| Grant method                |                   | ury shares, but if th |                  |                      |                   |
|                             |                   | (evaluated based      |                  |                      |                   |
|                             |                   | h or with treasury s  | share equivaler  | it to the difference | e amount.         |
| Number of shares (shares)   | 41,429            | 41,430                | 41,431           | 142,692              | 71,346            |
| Exercise price (Korean won) | ₩ 226,290         | ₩ 244,400             | ₹ 263,950        | ₩ 153,450            | ₩ 153,450         |
| Contractual life of options | 2019.03.25        | 2020.03.25            | 2021.03.25       | 2023.03.26           | 2023.03.26        |
|                             | ~2022.03.24       | ~2023.03.24           | ~2024.03.24      |                      |                   |
| Vesting conditions          | 2 year service    | 3 year service        | •                | e 2 year service     | •                 |
|                             | from the grant    | from the grant        | •                | ant from the gra     | •                 |
|                             | date              | date                  | date             | date                 | date              |
|                             | 1(*2,3)           | 2(*2,3)               |                  | 1(*2,3)              | 2(*2,3)           |
| Grant date                  | 2018-03-29        | <u> </u>              | 2020-0           |                      | 2( 2,0)           |
| Type of shares to be issued | Ordinary shares   |                       | 2020-0           | 70-0 T               |                   |
| Grant method                | ,                 | ury shares, but if th | ne stock ontion' | s exercise price     | is lower than the |
| Grant motilod               |                   | (evaluated based      |                  |                      |                   |
|                             | •                 | h or with treasury s  |                  | •                    | • •               |
| Number of shares (shares)   | 18,607            | 18,607                | •                | 39,098               | 19.551            |
| Exercise price (Korean won) | ,                 | ₩ 108,959             |                  | 89,204 ₩             | - ,               |
| Contractual life of options | 2020.03.29        | 2021.03.2             | 29 20            | 23.03.31             | 2023.03.31        |
| •                           | ~2023.03.28       | ~2024.03              | .28 ~2           | 027.03.30            | ~2027.03.30       |
| Vesting conditions          | 2 year service fr | om 3 year servic      | e from 2 year    | service from 3       | year service from |
| -                           | the grant date    | the grant da          | ate the g        | ırant date           | the grant date    |

- (\*1) All options granted in wave 1-1 were fully exercised during the year ended December 31, 2022.
- (\*2) The Group decided to pay cash for the difference between the exercise value of the stock option exercised in the current period and the actual value of the stock. Accordingly, it was determined that the Group is obligated to pay cash for the unexercised stock option and the accounting for stock options changed from equity-settled to cash-settled.
- (\*3) The stock options have been transferred from SK Materials Co., Ltd.(formerly)

The Group reversed  $\mbox{$W6,999$}$  million of share-option-compensation cost upon the grant of share options above for the year ended December 31, 2022 (accumulated compensation costs for share options:  $\mbox{$W(-)7,371$}$  million), and recognized the contra account to cash-settled share option liability as stock-compensation cost as the fair value of cash-settled liabilities is remeasured at the end of each reporting period. As of December 31, 2022, the amount of liabilities recognized in relation to cash-settled share options is  $\mbox{$W18,749$}$  million.

### 22. Equity (cont'd)

The Group used the binomial option pricing model, and the inputs used in the measurement of the fair values at the grant date of the share-based payment plans are as follows (Korean won):

|   |   | 1-2     |   | 1-3     |   | 2-1     |   | 2-2     |
|---|---|---------|---|---------|---|---------|---|---------|
| Risk-free interest rate   |   | 3.67%   |   | 3.70%   |   | 3.76%   |   | 3.76%   |
| Option life   |   | 6 years |   | 7 years |   | 7 years |   | 7 years |
| Expected price (Closing price on the preceding day in Korean won) | ₩ | 189,000 | ₩ | 189,000 | ₩ | 189,000 | ₩ | 189,000 |
| Expected volatility   |   | 28.60%  |   | 28.60%  |   | 28.60%  |   | 28.60%  |
| Rate of returns   |   | 4.23%   |   | 4.23%   |   | 4.23%   |   | 4.23%   |
| Exercise price (Korean won)                                       | ₩ | 244,440 | ₩ | 263,950 | ₩ | 153,450 | ₩ | 153,450 |
| Fair value per share<br>(Korean won)                              | ₩ | 326     | ₩ | 4,815   | ₩ | 51,219  | ₩ | 51,219  |
|   |   | 1       |   | 2       |   | 1       |   | 2       |
| Risk-free interest rate   |   | 3.67%   |   | 3.70%   |   | 3.76%   |   | 3.76%   |
| Option life   |   | 5 years |   | 6 years |   | 7 years |   | 7 years |
| Expected price (Closing price on the preceding day in Korean won) | ₩ | 189,000 | ₩ | 189,000 | ₩ | 189,000 | ₩ | 189,000 |
| Expected volatility   |   | 28.60%  |   | 28.60%  |   | 28.60%  |   | 28.60%  |
| Rate of returns   |   | 4.23%   |   | 4.23%   |   | 4.23%   |   | 4.23%   |
| Exercise price (Korean won)                                       | ₩ | 100,884 | ₩ | 108,959 | ₩ | 89,204  | ₩ | 89,204  |
| Fair value per share (Korean won)                                 | ₩ | 88,116  | ₩ | 80,041  | ₩ | 98,431  | ₩ | 98,431  |

Changes in stock option granted by the Company for the years ended December 31, 2022 and 2021 are as follows (Korean won):

|                   | Decembe    | December 31, 2022 |               |                  | December 31, 2021 |               |     |                |
|-------------------|------------|-------------------|---------------|------------------|-------------------|---------------|-----|----------------|
|                   |            | Weighted average  |               | Weighted average |                   |               | Wei | ighted average |
|                   | Quantities | e                 | xercise price | Quantities       | <u>e</u>          | kercise price |     |                |
| Beginning balance | 434,191    | ₩                 | 166,785       | 338,328          | ₩                 | 145,743       |     |                |
| Granted           | -          |                   | -             | 95,863           |                   | 95,306        |     |                |
| Exercised         | (41,429)   |                   | (226,290)     |                  |                   | _             |     |                |
| Ending balance    | 392,762    | ₩                 | 160,508       | 434,191          | ₩                 | 166,785       |     |                |

In addition, the Group has entered into a Stock Grant that pays treasury stocks to employees for free apart from the above stock options. In the case of such Stock Grant, there is no requirement for vesting condition, and may not be transferred during the term of the stock. As of December 31, 2022, the recognized stock compensation costs related to the Stock Grant is  $\mathbb{W}$  340 million.

2) Subsidiaries of the Company established a stock option program that entitles key management personnel an option to purchase ordinary shares. Share-based compensation expenses recognized under the share option program are as follows (Korean won in millions):

|                                  | Current(reversal) | Accumulated      | Remaining | Total     |
|----------------------------------|-------------------|------------------|-----------|-----------|
| Group of SK Innovation Co., Ltd. | ₩ 3,329 ₩         | ₹ 7,533          | ₩ 2,239   | ₩ 9,772   |
| Group of SK Telecom Co., Ltd.    | 78,600            | 155,579          | 40        | 155,619   |
| Group of SK Square Co., Ltd.     | 29,606            | 45,787           | 42,016    | 87,803    |
| Group of SK Networks Co., Ltd.   | 1,234             | 2,906            | 309       | 3,215     |
| Group of SKC Co., Ltd.           | (8,304)           | 4,817            | 1,638     | 6,455     |
| Group of SK E&S Co., Ltd.        | -<br>-            | 496              | 14        | 510       |
| Group of SK Ecoplant Co., Ltd.   | 2,610             | 2,610            | 5,001     | 7,611     |
| Others                           | 1,278             | 3,897            | 6,739     | 10,636    |
|                                  | ₩ 108,353 ₩       | <i>₹</i> 223,625 | ₩ 57,996  | ₩ 281,621 |

## 23. Selling and administrative expenses

Details of selling and administrative expenses for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                 | For the years ended               |             |  |  |  |
|---------------------------------|-----------------------------------|-------------|--|--|--|
|                                 | December 31, 2022 December 31, 20 |             |  |  |  |
| Salaries                        | ₩ 1,920,887                       | ₩ 1,643,671 |  |  |  |
| Provision for pension benefits  | 147,432                           | 122,999     |  |  |  |
| Employee welfare benefits       | 413,561                           | 304,091     |  |  |  |
| Travel                          | 106,529                           | 47,399      |  |  |  |
| Bad debt expenses               | 62,088                            | 59,652      |  |  |  |
| Communications                  | 9,537                             | 8,546       |  |  |  |
| Utilities                       | 49,528                            | 30,991      |  |  |  |
| Taxes and dues                  | 132,787                           | 168,293     |  |  |  |
| Supplies                        | 62,570                            | 38,464      |  |  |  |
| Rents                           | 181,814                           | 144,509     |  |  |  |
| Depreciation                    | 528,033                           | 444,018     |  |  |  |
| Amortization                    | 361,957                           | 302,985     |  |  |  |
| Repairs                         | 25,536                            | 26,654      |  |  |  |
| Insurance                       | 69,326                            | 55,401      |  |  |  |
| Advertising                     | 767,161                           | 681,429     |  |  |  |
| Research and development        | 645,824                           | 545,990     |  |  |  |
| Education and examination       | 77,596                            | 70,038      |  |  |  |
| Outsourcing technology services | 820,256                           | 757,289     |  |  |  |
| Transport                       | 431,662                           | 331,151     |  |  |  |
| Others                          | 280,225                           | 137,570     |  |  |  |
|                                 | ₩ 7,094,309                       | ₩ 5,921,140 |  |  |  |

## 24. Finance income and costs

Details of finance income and costs for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                       | For the years ended |              |                   |  |  |
|---------------------------------------|---------------------|--------------|-------------------|--|--|
|                                       | Decemb              | ber 31, 2022 | December 31, 2021 |  |  |
| Finance income:                       |                     |              |                   |  |  |
| Interest income                       | ₩                   | 474,156      | ₩ 172,798         |  |  |
| Gain on foreign currency transactions |                     | 3,400,383    | 1,057,159         |  |  |
| Gain on foreign currency translation  |                     | 984,229      | 274,615           |  |  |
| Gain on transactions of derivatives   |                     | 3,357,557    | 1,246,890         |  |  |
| Gain on valuation of derivatives      |                     | 673,889      | 327,411           |  |  |
| Others                                |                     | 281,535      | 479,506           |  |  |
|                                       | ₩                   | 9,171,749    | ₩ 3,558,379       |  |  |
|                                       |                     |              |                   |  |  |
|                                       | For the years ended |              |                   |  |  |
|                                       | <u>Deceml</u>       | ber 31, 2022 | December 31, 2021 |  |  |
| Finance costs:                        |                     |              |                   |  |  |
| Interest expenses                     | ₩                   | 2,123,959    | ₩ 1,418,481       |  |  |
| Loss on foreign currency transactions |                     | 4,097,841    | 1,209,713         |  |  |
| Loss on foreign currency translation  |                     | 669,661      | 388,094           |  |  |
| Loss on transactions of derivatives   |                     | 3,728,143    | 1,476,357         |  |  |
| Loss on valuation of derivatives      |                     | 337,320      | 425,424           |  |  |
| Others                                |                     | 1,127,294    | 76,830            |  |  |
|                                       | ₩                   | 12,084,218   | ₩ 4,994,899       |  |  |

## 25. Other non-operating income and expenses

(1) Details of other non-operating income for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |      | For the ye    | ars ended |             |
|--|------|---------------|-----------|-------------|
|  | Dece | mber 31, 2022 | Decembe   | er 31, 2021 |
| Other non-operation income:                                    |      |               |           |             |
| Dividend income  | ₩    | 51,928        | ₩         | 63,832      |
| Rental income  |      | 1,754         |           | 1,220       |
| Gain on disposal of trade receivables                          |      | 1,043         |           | 32,633      |
| Gain on disposal of investments in subsidiaries and associates |      | 504,791       |           | 483,812     |
| Gain on disposal of property, plant and equipment              |      | 581,887       |           | 269,087     |
| Gain on disposal of intangible assets                          |      | 80,528        |           | 145,227     |
| Others   |      | 914,624       |           | 1,550,101   |
|  | ₩    | 2,136,555     | ₩         | 2,545,912   |

(2) Details of other non-operating expenses for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |     | For the ye      | ars ended         |
|--|-----|-----------------|-------------------|
|  | Dec | cember 31, 2022 | December 31, 2021 |
| Other non-operation expenses:                                      |     |                 |                   |
| Loss on disposal of trade receivables                              | ₩   | 100,820         | ₩ 19,307          |
| Loss on impairment of investments in associates and joint ventures |     | 375,147         | 35,166            |
| Loss on disposal of property, plant and equipment                  |     | 70,862          | 89,755            |
| Loss on impairment of property, plant and equipment                |     | 91,319          | 64,221            |
| Loss on disposal of intangible assets                              |     | 5,941           | 5,225             |
| Loss on impairment of intangible assets                            |     | 176,957         | 123,914           |
| Donations  |     | 109,384         | 109,912           |
| Others   |     | 473,910         | 1,462,396         |
|  | ₩   | 1,404,340       | ₩ 1,909,896       |

## 26. Expense classified based on nature of expense

Details of classification based on nature of expenses for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|   | For the years ended |                   |  |  |  |
|---|---------------------|-------------------|--|--|--|
|   | December 31, 2022   | December 31, 2021 |  |  |  |
| Employee benefits   | ₩ 9,254,128         | ₩ 8,370,079       |  |  |  |
| Depreciation and amortization                                       | 8,765,935           | 8,356,745         |  |  |  |
| Network connection  | 730,106             | 854,292           |  |  |  |
| Transport   | 1,219,990           | 824,689           |  |  |  |
| Advertising   | 773,505             | 855,812           |  |  |  |
| Lease payments and rents  | 583,275             | 459,638           |  |  |  |
| Others  | 22,134,639          | 17,624,603        |  |  |  |
| Use of raw materials and purchase of finished goods and merchandise | 85,455,939          | 58,089,063        |  |  |  |
| Changes in finished goods and semi-finished goods                   | (2,370,586)         | (3,091,028)       |  |  |  |
| _   | ₩ 126,546,931       | ₩ 92,343,893      |  |  |  |

## 27. Income taxes

(1) Components of income tax expense for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |      | For the years ended |      |                |  |  |
|--|------|---------------------|------|----------------|--|--|
|  | Dece | mber 31, 2022       | Dece | ember 31, 2021 |  |  |
| Current income tax                               | ₩    | 2,248,178           | ₩    | 1,311,152      |  |  |
| Adjustments in respect of                        |      | 118,715             |      | (24,747)       |  |  |
| current income tax of prior year                 |      |                     |      | , ,            |  |  |
| Origination and reversal of temporary difference |      | 34,370              |      | (356,176)      |  |  |
| Income tax recognized directly to equity         |      | 121,595             |      | (216,392)      |  |  |
| Others   |      | 44,104              |      | 17,889         |  |  |
| Income tax expense                               | ₩    | 2,566,962           | ₩    | 731,726        |  |  |
| Income tax expense from continuing operations    | ₩    | 2,373,950           | ₩    | 641,580        |  |  |
| Income tax expense (benefits)                    |      | 193,012             |      | 90,146         |  |  |
| from discontinued operations                     |      |                     |      |                |  |  |

(2) Details of income tax recognized directly to equity for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|   | For the years ended |              |                    |  |  |
|---|---------------------|--------------|--------------------|--|--|
|   | Decem               | ber 31, 2022 | December 31, 2021  |  |  |
| Remeasurement loss on defined benefit plan                              | ₩                   | (78,576)     | ₩ (2,819)          |  |  |
| Net gain (loss) on valuation of financial instruments measured at FVOCI |                     | 249,071      | (173,626)          |  |  |
| Equity adjustments of investments in associates and joint ventures      |                     | (12,439)     | (14,591)           |  |  |
| Net loss on valuation of derivative instruments                         |                     | (7,146)      | (26,501)           |  |  |
| Others  |                     | (29,315)     | 1,145              |  |  |
|   | ₩                   | 121,595      | <u>₩ (216,392)</u> |  |  |

(3) Reconciliations of profit before income tax expense at the Korea statutory tax rate to income tax expense at the effective tax rate of the Group for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|   |                                | For the years ended |         |               |  |  |
|---|--------------------------------|---------------------|---------|---------------|--|--|
|   | December 31, 2022 December 31, |                     |         |               |  |  |
| Profit before income tax expense                              | ₩                              | 6,533,138           | ₩ 6,437 | 652           |  |  |
| Profit before income tax expense from continuing operations   |                                | 5,908,697           | 5,982   | ,328          |  |  |
| Profit before income tax expense from discontinued operations |                                | 624,441             | 455,    | ,324          |  |  |
| Applied tax rates (*1)  |                                | 27.50%              | 27.     | 50%           |  |  |
| Income tax at statutory tax rate                              |                                | 1,796,613           | 1,770   | ,354          |  |  |
| Non-taxable income  |                                | (235,640)           | (19,    | 872)          |  |  |
| Non-deductible expenses                                       |                                | 214,140             | 45,     | 433           |  |  |
| Tax credit  |                                | 9,565               | (64,    | 430)          |  |  |
| Unrecognized deferred taxes                                   |                                | (31,551)            |         |               |  |  |
| Others (*2)   |                                | 813,83 <u>5</u>     | (1,467) | <u>,048</u> ) |  |  |
| Income tax expense  | ₩                              | 2,566,962           | ₩ 731.  | 726           |  |  |
| Income tax expense from continuing operations                 | ₩                              | 2,373,950           | ₩ 641   | ,580          |  |  |
| Income tax expense from discontinued operations               |                                | 193,012             | 90,     | 146           |  |  |
| Effective tax rate  |                                | 39.29%              | 11.3    | 37%           |  |  |

### 27. Income taxes (cont'd)

- (\*1) The Company is subject to corporate income tax of Republic of Korea where the Parent Company is located. For the year ended December 31, 2022, the difference between the Korean tax burdens and the foreign tax burdens on foreign subsidiaries is included in others.
- (\*2) The effect of tax rate change is included.
- (4) Significant changes in deferred tax assets (liabilities) for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                               | For the year ended December 31, 2022 |                     |             |                      |                     |             |  |  |
|-------------------------------|--------------------------------------|---------------------|-------------|----------------------|---------------------|-------------|--|--|
|                               |                                      | Recognized          |             |                      |                     |             |  |  |
|                               |                                      |                     | directly    | Recognized           |                     |             |  |  |
|                               | Beginning                            | Business            | in profit   | directly             |                     | Ending      |  |  |
|                               | balance                              | combination         | or loss     | in equity            | Others              | balance     |  |  |
| Temporary differences         | ₩(4,033,420)                         | ₩ (126,992)         | ₩ 26,584    | ₩ 121,595            | ₩ (60,773)₩         | (4,073,006) |  |  |
| Tax loss carryforward         | 804,472                              | (17,131)            | (177,347)   | -                    | 1,698               | 611,692     |  |  |
| Tax credits carryforward      | 186,511                              |                     | (5,202)     | _                    | 11,257              | 192,566     |  |  |
|                               | ₩(3,042,437)                         | <u>₩ (144,123</u> ) | ₩ (155,965) | <del>₩ 121,595</del> | <u>₩ (47,818)</u> ₩ | (3,268,748) |  |  |
| Deferred tax assets (*1)      | ₩ 765,000                            |                     |             |                      | ₩                   | 1,166,846   |  |  |
| Deferred tax liabilities (*1) | (3,807,437)                          |                     |             |                      |                     | (4,435,594) |  |  |

|                               | For the year ended December 31, 2021 |             |                  |             |                 |               |  |
|-------------------------------|--------------------------------------|-------------|------------------|-------------|-----------------|---------------|--|
|                               | Recognized                           |             |                  |             |                 |               |  |
|                               |                                      |             | directly         | Recognized  |                 |               |  |
|                               | Beginning                            | Business    | in profit        | directly    |                 | Ending        |  |
|                               | <u>balance</u>                       | combination | or loss          | in equity   | Others          | balance       |  |
| Temporary differences         | ₩(4,551,845)                         | ₩ (43,522)  | ₩ 734,592        | ₩ (216,392) | ₩ 43,747        | ₩ (4,033,420) |  |
| Tax loss carryforward         | 1,059,098                            | _           | (254,944)        | -           | 318             | 804,472       |  |
| Tax credits carryforward      | 85,866                               |             | 92,920           |             | 7,725           | 186,511       |  |
|                               | <u>₩(3,406,881</u> )                 | ₩ (43,522)  | <b>₩</b> 572,568 | ₩ (216,392) | <u>₩ 51,790</u> | ₩ (3,042,437) |  |
| Deferred tax assets (*1)      | ₩ 1,165,308                          |             |                  |             |                 | ₩ 765,000     |  |
| Deferred tax liabilities (*1) | (4,572,189)                          |             |                  |             |                 | (3,807,437)   |  |

- (\*1) The Group offsets tax assets and liabilities if, and only if, it has a legally enforceable right to set off current tax assets and current tax liabilities and the deferred tax assets and deferred tax liabilities related to income taxes are levied by the same tax authority.
- (5) The expected expiration schedule of tax loss carryforward and tax credits carryforward for which deferred tax assets are not recognized as of December 31, 2022 is as follows (Korean won in millions):

|                   |                          | lax loss<br>carryforward | lax credits<br>carryforward |             |
|-------------------|--------------------------|--------------------------|-----------------------------|-------------|
| 1 year or less    | ₩                        | 60,333                   | ₩                           | -           |
| 1 year ~ 2 years  |                          | 170,607                  |                             | -           |
| 2 years ~ 3 years |                          | 40,418                   | 4,2                         | 285         |
| More than 3 years |                          | 2,830,234                | 1,5                         | <u>544</u>  |
|                   | $\underline{\mathbb{W}}$ | 3,101,592                | ₩ 5,8                       | <u> 329</u> |

### 28. Earnings per share

- (1) Basic and diluted earnings
- 1) Basic earnings per share for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

|  | For the years ended |                   |   |                   |  |
|--|---------------------|-------------------|---|-------------------|--|
|  |                     | December 31, 2022 |   | December 31, 2021 |  |
| Profit for the year attributable to owners of the parent   | ₩                   | 1,098,683         | ₩ | 1,965,612         |  |
| Less: preferred share dividends                            |                     | (4,543)           |   | (4,543)           |  |
| Profit for the year attributable                           | ₩                   | 1,094,140         | ₩ | 1,961,069         |  |
| to ordinary share owners of the parent                     |                     |                   |   |                   |  |
| Weighted-average number of ordinary share outstanding (*1) |                     | 55,974,240        |   | 52,545,906        |  |
| Basic earnings per share (in Korean won)                   | ₩                   | 19,547            | ₩ | 37,321            |  |

(\*1) The weighted-average number of ordinary share outstanding is calculated by multiplying the number of shares issued by the portion of the reporting period those shares covered. The treasury shares held until the disposal date, after the date of acquisition, are excluded from the number of ordinary shares outstanding.

The basis of calculating weighted-average number of ordinary shares for the years ended December 31, 2022 and 2021 is as follows:

|  | For the years ended |                   |  |  |
|--|---------------------|-------------------|--|--|
|  | December 31, 2022   | December 31, 2021 |  |  |
| Weighted-average number of issued shares outstanding   | 74,149,329          | 70,599,058        |  |  |
| Weighted-average number of treasury shares             | (18,175,089)        | (18,053,152)      |  |  |
| Weighted-average number of ordinary shares outstanding | 55,974,240          | 52,545,906        |  |  |

2) Diluted earnings per share for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

|  | For the years ended     |               |      |                |
|--|-------------------------|---------------|------|----------------|
|  | Dece                    | mber 31, 2022 | Dece | ember 31, 2021 |
| Diluted profits                            | ₩                       | 1,094,140     | ₩    | 1,961,069      |
| Weighted-average number of treasury shares |                         | 56,092,595    |      | 52,653,520     |
| diluted ordinary share outstanding         |                         |               |      |                |
| Diluted earnings per share                 | $\overline{\mathbb{W}}$ | 19,506        | ₩    | 37,245         |

The basis of calculating weighted-average number of diluted ordinary shares for the years ended December 31, 2022 and 2021 is as follows:

|  | For the years ended |                   |  |
|--|---------------------|-------------------|--|
|  | December 31, 2022   | December 31, 2021 |  |
| Weighted-average number of ordinary shares outstanding | 55,974,240          | 52,545,906        |  |
| Effect of exercising stock options                     | 118,355             | 107,614           |  |
| Weighted-average number of treasury shares             | 56,092,595          | 52,653,520        |  |
| diluted ordinary share outstanding                     |                     |                   |  |

## 28. Earnings per share (cont'd)

- (2) Basic and diluted earnings per share from continuing operations
- 1) Basic earnings per share from continuing operations for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions, except basic earnings per share and weighted-average number of ordinary shares outstanding):

|   | For the years ended |                   |   |                  |  |
|---|---------------------|-------------------|---|------------------|--|
|   |                     | December 31, 2022 |   | ecember 31, 2021 |  |
| Profit for the year attributable to owners of the parent                            | ₩                   | 1,094,140         | ₩ | 1,961,069        |  |
| Less: gain from discontinued operations   |                     | 180,810           |   | 158,918          |  |
| Profit for the year from continuing operations attributable to owners of the parent | ₩                   | 913,330           | ₩ | 1,802,151        |  |
| Weighted-average number of ordinary shares outstanding                              |                     | 55,974,240        |   | 52,545,906       |  |
| Basic earnings per share from continuing operations                                 |                     |                   |   |                  |  |
| (in Korean won)   | ₩                   | 16,317            | ₩ | 34,297           |  |

2) Diluted earnings per share from continuing operations for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions, except basic earnings per share and weighted-average number of ordinary shares outstanding):

|   | For the years ended |                   |  |  |
|---|---------------------|-------------------|--|--|
|   | December 31, 2022   | December 31, 2021 |  |  |
| Profit for the year from continuing operations attributable to owners of the parent | ₩ 913,330           | ₩ 1,802,151       |  |  |
| Weighted-average number of diluted ordinary share outstanding                       | 56,092,595          | 52,653,520        |  |  |
| Diluted earnings per share from continuing operations (in Korean won)               | ₩ 16,283            | ₩ 34,227          |  |  |

- (3) Basic and diluted earnings per share from discontinued operations
- 1) Basic earnings per share from discontinued operations for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions, except basic losses per share and weighted-average number of ordinary shares outstanding):

|  | For the years ended |                |     |                |
|--|---------------------|----------------|-----|----------------|
|  | Dece                | ember 31, 2022 | Dec | ember 31, 2021 |
| Gain from discontinued operations attributable to owners of the parent | ₩                   | 180,810        | ₩   | 158,918        |
| Weighted-average number of ordinary shares outstanding                 |                     | 55,974,240     |     | 52,545,906     |
| Basic earnings per share from discontinued                             |                     |                |     |                |
| operations (in Korean won)   | ₩                   | 3,230          | ₩   | 3,024          |

2) Diluted earnings per share from discontinued operations for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions, except basic losses per share and weighted-average number of ordinary shares outstanding):

|  | For the years ended |                |     |                 |
|--|---------------------|----------------|-----|-----------------|
|  | Dece                | ember 31, 2022 | Dec | cember 31, 2021 |
| Gain from discontinued operations attributable to owners of the parent                                 | ₩                   | 180,810        | ₩   | 158,918         |
| Weighted-average number of ordinary shares outstanding<br>Diluted earnings per share from discontinued |                     | 56,092,595     |     | 52,653,520      |
| operations (in Korean won)   | ₩                   | 3.223          | ₩   | 3.018           |

## 29. Transactions with related parties

Balances on transactions arising from intercompany transactions within the Group were eliminated in preparing the consolidated financial statements as of and for the years ended December 31, 2022 and 2021.

(1) Details of significant transactions with the related parties for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                       |  |         | For the years ended | December 31, 2022   |
|-----------------------|--|---------|---------------------|---------------------|
|                       | Company name                               |         | Sales and others    | Expenses and others |
| Other related parties | Daehan Oil Pipeline Corporation            | ₩       | 11,374              | ₩ 66,430            |
|                       | SABIC SK Nexlene Company Pte. Ltd.         |         | 676                 | 304,817             |
|                       | Korea Nexlene Company                      |         | 234,743             | 74                  |
|                       | Best Oil Company Limited                   |         | 889,876             | 1,332               |
|                       | Sinopec-SK(Wuhan) Petrochemical Co., Ltd.  |         | 64,655              | 739,852             |
|                       | Baic Electronics SK(Jiangsu) Technology Co | ., Ltd. | 63,074              | 632,919             |
|                       | ChangZhou BTR New Material Technology C    | o., Ltc | l. 141,085          | 460,618             |
|                       | Xinglu (HongKong) Ltd.                     |         | 177,054             | -                   |
|                       | Huizhou EVE United Energy Co., Ltd.        |         | 121,182             | 1,130,108           |
|                       | Peru LNG Company, LLC                      |         | 547,507             | -                   |
|                       | Asia Bitumen Trading Pte. Ltd.             |         | 11,186              | 48,475              |
|                       | Ignis Therapeutics                         |         | 11,413              | -                   |
|                       | F&U Credit Information Co., Ltd.           |         | 3,507               | 51,418              |
|                       | SK Hynix Inc.                              |         | 4,894,369           | 530,900             |
|                       | SK Hynix Semiconductor (China) Ltd.        |         | 437,154             | 1,340               |
|                       | SK Hynix Semiconductor (Chongqing) Ltd.    |         | 36,741              | -                   |
|                       | SK Hynix Semiconductor HK Ltd.             |         | 3                   | 631,252             |
|                       | SK Hynix System IC Co., Ltd.               |         | 12,354              | -                   |
|                       | Happynarae Co., Ltd.                       |         | 28,954              | 478,299             |
|                       | SKC Evonik Peroxide Korea Co., Ltd.        |         | 1,124               | 57,563              |
|                       | Boryeong LNG Terminal Co., Ltd.            |         | 99,384              | 193,496             |
|                       | Darwin LNG Pty Ltd.                        |         | 497,523             | -                   |
|                       | Eurasia Tunnel                             |         | 3,227               | -                   |
|                       | Xe-Pian Xe-Namnoy Power Company            |         | 12,799              | -                   |
|                       | SK Ecoengineering Co., Ltd.                |         | 24,421              | 2,294,657           |
|                       | Daewon Green Energy Co., Ltd.              |         | 22,088              |                     |
|                       | Bloom SK Fuel Cell, LLC                    |         | 192                 | 44,428              |
|                       | Yongin Ilban Industry Danji Co., Ltd.      |         | 35,343              | -                   |
| <b>2</b> (4.1)        | Others                                     |         | 1,047,115           | 276,320             |
| Others (*1)           | SK D&D Co., Ltd.                           |         | 5,173               | 1,088               |
|                       | Ulsan Aromatics Co., Ltd.                  |         | 131,052             | 111,041             |
|                       | SK Chemicals Co., Ltd.                     |         | 66,265              | 16,684              |
|                       | SK Gas Co., Ltd.                           |         | 320,790             | 427,491             |
|                       | Ubins Co., Ltd.                            |         | 813                 | 100,986             |
|                       | Others                                     | ***     | 183,581             | 657,772             |
|                       |  | ₩       | 10,137,797          | ₩ 9,259,360         |

## 29. Transactions with related parties (cont'd)

|                       |  |      | For the years ended | December 31, 2021   |
|-----------------------|--|------|---------------------|---------------------|
|                       | Company name                                 |      | Sales and others    | Expenses and others |
| Other related parties | Daehan Oil Pipeline Corporation              | ₩    | 5,991               | ₩ 63,312            |
|                       | SABIC SK Nexlene Company Pte. Ltd.           |      | 4,439               | 232,204             |
|                       | Korea Nexlene Company                        |      | 187,460             | 761                 |
|                       | Best Oil Company Limited                     |      | 699,150             | 956                 |
|                       | Sinopec-SK(Wuhan) Petrochemical Co., Ltd.    |      | 1,326               | 677,730             |
|                       | Baic Electronics SK(Jiangsu) Technology Co., | Ltd. | 70,451              | 508,954             |
|                       | Xinglu (HongKong) Ltd.                       |      | 99,471              | 4,191               |
|                       | Huizhou EVE United Energy Co., Ltd.          |      | 127,836             | 686,690             |
|                       | Peru LNG Company, LLC                        |      | 216,343             | -                   |
|                       | Asia Bitumen Trading Pte. Ltd.               |      | 6,751               | 21,662              |
|                       | Ignis Therapeutics                           |      | 163,878             | -                   |
|                       | F&U Credit Information Co., Ltd.             |      | 3,990               | 51,528              |
|                       | SK Hynix Inc.                                |      | 3,486,379           | 20,966              |
|                       | SK Hynix Semiconductor (China) Ltd.          |      | 357,375             | 1,645               |
|                       | SK Hynix Semiconductor (Chongqing) Ltd.      |      | 33,636              | -                   |
|                       | SK Hynix Semiconductor HK Ltd.               |      | 80                  | 824,182             |
|                       | SK Hynix System IC Co., Ltd.                 |      | 37,301              | 33                  |
|                       | Happynarae Co., Ltd.                         |      | 30,671              | 417,226             |
|                       | SKC Evonik Peroxide Korea Co., Ltd.          |      | 3,910               | 46,909              |
|                       | Boryeong LNG Terminal Co., Ltd.              |      | 59,212              | 101,876             |
|                       | Darwin LNG Pty Ltd.                          |      | 456,086             | -                   |
|                       | Daewon Green Energy Co., Ltd.                |      | 115,218             | -                   |
|                       | Bloom SK Fuel Cell, LLC                      |      | -                   | 17,272              |
|                       | Yongin Ilban Industry Danji Co., Ltd.        |      | 4,177               | -                   |
|                       | Eurasia Tunnel                               |      | 2,894               | -                   |
|                       | Xe-Pian Xe-Namnoy Power Company              |      | 8,090               | -                   |
|                       | Others                                       |      | 909,860             | 226,189             |
| Others (*1)           | SK D&D Co., Ltd.                             |      | 92,953              | 5,283               |
|                       | Ulsan Aromatics Co., Ltd.                    |      | 70,563              | 74,869              |
|                       | SK Chemicals Co., Ltd.                       |      | 83,918              | 25,520              |
|                       | SK Gas Co., Ltd.                             |      | 114,471             | 200,852             |
|                       | Ubins Co., Ltd.                              |      | 1,431               | 94,240              |
|                       | Others                                       |      | 214,159             | 79,007              |
|                       |  | ₩    | 7,669,470           | ₩ 4,384,057         |

<sup>(\*1)</sup> Although, not designated as related parties as defined in KIFRS 1024, the entity belongs to the same conglomerate affiliates under *Monopoly Regulation and Fair Trade Act*.

## 29. Transactions with related parties (cont'd)

(2) Details of significant outstanding balances of receivables and payables with the related parties as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|             |   | December 31, 2022 |             |           |   | December 31, 2021 |             |  |
|-------------|---|-------------------|-------------|-----------|---|-------------------|-------------|--|
|             |   | Re                | Receivables |           |   | eceivables        |             |  |
|             | Company name                                      |                   | (*1)        | Payables  |   | (*1)              | Payables    |  |
| Other       | Daehan Oil Pipeline Corporation                   | ₩                 | 110 ₩       | 10,029    | ₩ | 75                | ₩ 9,443     |  |
| related     | SABIC SK Nexlene Company Pte. Ltd.                |                   | 348         | 46,818    |   | 5,127             | 58,538      |  |
| parties     | Korea Nexlene Company                             |                   | 26,361      | 268       |   | 19,941            | 146         |  |
| ·           | Best Oil Company Limited                          |                   | 204,549     | 49,856    |   | 145,233           | 33,455      |  |
|             | Sinopec-SK(Wuhan) Petrochemical Co., Ltd.         |                   | -           | 8,042     |   | 363               | 10,883      |  |
|             | Baic Electronics SK(Jiangsu) Technology Co., Ltd. |                   | 18,858      | 146,986   |   | 5,514             | 174,332     |  |
|             | ChangZhou BTR New Material Technology Co., Ltd.   |                   | 86,563      | 229,826   |   | -                 | -           |  |
|             | Yemen LNG Company Ltd.                            |                   | 71,883      | -         |   | 61,219            | -           |  |
|             | Xinglu (HongKong) Ltd.                            |                   | 38,162      | -         |   | 19,097            | -           |  |
|             | Huizhou EVE United Energy Co., Ltd.               |                   | 36,111      | 408,582   |   | 36,143            | 179,264     |  |
|             | Korea Consortium Kazakh B.V. (*2)                 |                   | 119,215     | -         |   | 111,520           | -           |  |
|             | F&U Credit Information Co., Ltd.                  |                   | 81          | 5,682     |   | 65                | 5,265       |  |
|             | Wave City Development Co., Ltd.                   |                   | 2,355       | -         |   | 5,753             | -           |  |
|             | SK Hynix Inc.                                     |                   | 1,781,976   | 84,075    |   | 694,254           | 66,600      |  |
|             | SK Hynix Semiconductor (China) Ltd.               |                   | 44,823      | 280       |   | 57,369            | 853         |  |
|             | SK Hynix Semiconductor (Chongqing) Ltd.           |                   | 3,659       | 30        |   | 5,084             | 138         |  |
|             | SK Hynix Semiconductor HK Ltd.                    |                   | 2           | 30,587    |   | -                 | 60,528      |  |
|             | SK Hynix System IC Co., Ltd.                      |                   | 181         | 13        |   | 5,474             | 99          |  |
|             | Happynarae Co., Ltd.                              |                   | 12,420      | 61,828    |   | 9,344             | 73,563      |  |
|             | SKC Evonik Peroxide Korea Co., Ltd.               |                   | 2           | 4,450     |   | -                 | 6,353       |  |
|             | Boryeong LNG Terminal Co., Ltd.                   |                   | 4,139       | 15        |   | 5,345             | 7,577       |  |
|             | Darwin LNG Pty Ltd.                               |                   | 42,802      | -         |   | 120,235           | -           |  |
|             | Eurasia Tunnel                                    |                   | 28,786      | -         |   | 25,823            | -           |  |
|             | Xe-Pian Xe-Namnoy Power Company                   |                   | 95,889      | -         |   | 113,282           | 26,004      |  |
|             | Yongin Ilban Industry Danji Co., Ltd.             |                   | 1,100       | 188,573   |   | -                 | -           |  |
|             | Bloom SK Fuel Cell, LLC                           |                   | -           | 5,317     |   | -                 | -           |  |
|             | SK Ecoengineering Co., Ltd.                       |                   | 32,658      | 305,026   |   | -                 | -           |  |
|             | SK E&C JURONG Investment Singapore Pte. Ltd.      |                   | 74,375      | -         |   | 59,914            | -           |  |
|             | Godeok Clean Energy Co., Ltd.                     |                   | -           | 62,136    |   | -                 | 62,136      |  |
|             | Chuncheon Green Energy Inc.                       |                   | 2           | -         |   | -                 | -           |  |
|             | Others  |                   | 126,344     | 144,795   |   | 240,973           | 182,353     |  |
| Others (*3) | Ulsan Aromatics Co., Ltd.                         |                   | -           | 13,435    |   | 3,841             | 9,958       |  |
|             | SK Chemicals Co., Ltd.                            |                   | 5,066       | 872       |   | 22,563            | 1,465       |  |
|             | SK Gas Co., Ltd.                                  |                   | 7,986       | 244,960   |   | 23,965            | 227,816     |  |
|             | Ubins Co., Ltd.                                   |                   | 26          | 21,190    |   | 199               | 14,977      |  |
|             | Others  |                   | 16,266      | 20,640    |   | 1,332             | 23,655      |  |
|             |   | ₩                 | 2,883,098 ₩ | 2,094,311 | ₩ | 1,799,047         | ₩ 1,235,401 |  |

- (\*1) The Company recognized bad debt expense and reversal of bad debt each amounting to ₩451 million and ₩(-)73,767 million for the years ended December 31, 2022 (for the years ended December 31, 2021: bad debt expense of ₩7,202 million, write-off and others of ₩15,880 million). The Company recognized the allowance for doubtful accounts amounting to ₩261,317 million and ₩334,633 million as of December 31, 2022 and December 31, 2021, respectively.
- (\*2) As of December 31, 2022 and 2021, the Group recognized loss allowances in full amount of corresponding receivables.
- (\*3) Although, not designated as related parties as defined in KIFRS 1024, the entity belongs to the same conglomerate affiliates under *Monopoly Regulation and the Fair Trade Act*.

## 29. Transactions with related parties (cont'd)

(3) Details of significant financial transactions with related-parties for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions and foreign currencies in thousands):

|                                       |          | December 31, 2022 |            | December 3 | 31, 2021   |
|---------------------------------------|----------|-------------------|------------|------------|------------|
| Company                               | Currency | Loans             | Collection | Loans      | Collection |
| Yemen LNG Company Ltd.                | KRW      | 6,581             | -          | 6,452      | -          |
| Peru LNG Company, LLC                 | KRW      | -                 | 7,113      | 6,996      | -          |
| Zhejiang SK Baoying Group Co., Ltd.   | KRW      | 5,443             | -          | -          | _          |
| Eurasia Tunnel                        | KRW      | -                 | -          | -          | 11,243     |
| Yongin Ilban Industry Danji Co., Ltd. | KRW      | -                 | -          | 5,072      | 5,072      |
| Xe-Pian Xe-Namnoy Power Company       | KRW      | 11,990            | -          | 30,385     | -          |
| PT REGAS ENERGITAMA                   | KRW      | -                 | -          | 5,604      | -          |
| INFRASTRUKTUR                         |          |                   |            |            |            |
| SK Growth Opportunities Corporation   | USD      | 5,240             | -          | -          | -          |

- (4) There were additional capital contribution transactions for investments in associates and joint ventures for the years ended December 31, 2022 and 2021 (See Note 10).
- (5) Compensation for key management personnel of the Company.

Key management personnel consists of registered executives who are responsible for the planning, operation and control of the Company's business activities. Details of compensation for them for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                |   | For the years ended |                   |  |  |  |  |
|--------------------------------|---|---------------------|-------------------|--|--|--|--|
|                                |   | December 31, 2022   | December 31, 2021 |  |  |  |  |
| Salaries                       | ₩ | 16,797              | ₩ 20,643          |  |  |  |  |
| Provision for pension benefits |   | 5,893               | 8,397             |  |  |  |  |
| Share-based payment expenses   |   | (4,295)             | 780               |  |  |  |  |
|                                | ₩ | 18,395              | ₩ 29,820          |  |  |  |  |

#### 30. Discontinued operations

### (1) Details of discontinued operations

SK Innovation Co., Ltd., a subsidiary of the Group, decided to suspend operations in North American petroleum development (E&P) businesses and sold related assets and liabilities during the prior period, and profit or loss arising from the relevant business units are classified as profit or loss for the period from discontinued operations. The purpose of the sale of oil development (E&P) businesses in North America and Peru is in line with the long-term policy of subsidiaries to focus their capabilities on core businesses.

SK Networks Co., Ltd., a subsidiary of the Group, decided to discontinue operations with the sale of its resource business to clean up non-core businesses, strengthen its financial soundness and secure investment funds, during the prior period.

SKC Co., Ltd., a subsidiary of the Group, sold EVA and Back Sheet solar power business and PVDF business for construction during the prior period. In addition, SK Telesys Co., Ltd. and SKC Infra Services Co., Ltd. were sold in accordance with the board's decision on June 24, 2021 for the purpose of concentrating on their core businesses through reorganization of the business structure. Furthermore, in accordance with the decision of the Board of Directors made on June 8, 2022, the entity split its industry material business division as of November 1, 2022, sold the division split as of December 2, 2022, and sold Beijing SKpucore Inc. as of October 21, 2022.

SK Ecoplant Co., Ltd., a subsidiary of the Group, sold its entire stake in SK TNS Co., Ltd., a subsidiary of the Group, to Alchemist Capital Partners Korea Co., Ltd. on April 30, 2021 for the purpose of converting a portfolio focused on eco-friendly and new energy by the resolution of the board of directors on January 7, 2021. In accordance with the board's resolution on October 28, 2022, after the spin-off and merger of the K-Solutions Business Group, P-Solutions Business Group, Gas&Power Business Group, Battery Business Group, and Industrial Business Group, to SK Ecoengineering Co., Ltd., 50.0003% of stake therein was sold on February 15, 2022 and excluded from the consolidation scope.

(2) Gain and loss from the discontinued operation for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|   |     | Fo        | or the | year ended D    | ecer     | mber 31, 2022 |    |           |
|---|-----|-----------|--------|-----------------|----------|---------------|----|-----------|
|   | Re  | esource   |        |                 |          | K-solutions   |    |           |
|   | bı  | usiness   | I      | ndustrial       | bı       | usiness group |    |           |
|   | and | others in | 1      | materials       | á        | and others in |    |           |
|   | SK  | Networks  | bı     | usiness in      |          | SK ecoplant   |    |           |
|   | C   | o., Ltd.  | SK     | C Co., Ltd.     |          | Co., Ltd.     |    | Total     |
| Revenue   | ₩   | 89,030    | ₩      | 1,076,935       | ₩        | 1,062,168     | ₩  | 2,228,133 |
| Expenses  |     | 56,817    |        | 1,278,503       |          | 268,372       |    | 1,603,692 |
| Profit (loss) before income tax expense                   |     | 32,213    |        | (201,568)       |          | 793,796       |    | 624,441   |
| Income tax expense  |     | 9,881     |        | <u>(8,675</u> ) |          | 191,806       |    | 193,012   |
| Profit (loss) for the period from discontinued operations | ₩   | 22,332    | ₩      | (192,893)       | <u>₩</u> | 601,990       | ₩_ | 431,429   |
| Attributable to:  |     |           |        |                 |          |               |    |           |
| Owners of the parent                                      |     | 9,918     |        | (87,353)        |          | 258,245       |    | 180,810   |
| Non-controlling interests                                 |     | 12,414    |        | (105,540)       |          | 343,745       |    | 250,619   |

## 30. Discontinued operations (cont'd)

|  | For the year ended December 31, 2021 |          |             |    |            |   |               |   |                  |           |
|--|--------------------------------------|----------|-------------|----|------------|---|---------------|---|------------------|-----------|
|  | Petroleum                            |          | Resource    |    |            |   | K-solutions   |   |                  |           |
|  | Developmer                           |          | siness      |    | ndustrial  |   | usiness group |   |                  |           |
|  | business in                          |          | d others in |    | aterials   |   | nd others in  |   | SK TNS           |           |
|  | SK innovatio                         |          | K Networks  |    | siness in  | S | K ecoplant    |   | Co., Ltd.        |           |
|  | Co., Ltd.                            |          | Co., Ltd.   | Sk | C Co., Ltd |   | Co., Ltd.     | a | nd others        | Total     |
| Revenue  | ₩ 75,0                               | ₩ 02     | 126,881     | ₩  | 1,364,066  | ₩ | 1,783,840     | ₩ | 282,593 ₩        | 3,632,400 |
| Expenses   | 14,1                                 | 4        | 67,991      |    | 1,298,062  |   | 1,670,768     |   | 126,141          | 3,177,076 |
| Profit before income tax expense                   | 60,9                                 |          | 58,890      |    | 66,004     |   | 113,072       |   | 156,452          | 455,324   |
| Income tax expense                                 | 17,1                                 | <u>8</u> | 16,788      |    | (8,982)    |   | 27,363        |   | 37,819           | 90,146    |
| Profit for the period from discontinued operations | ₩ 43,7                               | 8 ₩      | 42,102      | ₩  | 74,986     | ₩ | 85,709        | ₩ | <u>118,633</u> ₩ | 365,178   |
| Attributable to:                                   |                                      |          |             |    |            |   |               |   |                  |           |
| Owners of the parent                               | 16,0                                 |          | 18,707      |    | 32,167     |   | 38,575        |   | 53,393           | 158,918   |
| Non-controlling interests                          | 27,6                                 | 2        | 23,395      |    | 42,819     |   | 47,134        |   | 65,240           | 206,260   |

(3) Details of cash flows relating to discontinued operations for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                                      | For the y                    | ear ended                                       | Dece                  | mber 31   | , 2022          | 2                          |  |                        |                    |
|--------------------------------------|------------------------------|---|-----------------------|---|-----------------|----------------------------|--|------------------------|--------------------|
|                                      | Res<br>bus<br>and o<br>SK No | ource<br>iness<br>thers in<br>etworks<br>, Ltd. | b                     | Industrial<br>materials<br>usiness ir<br>(C Co., Lt | 1               | K-s<br>busin<br>and<br>SK  | solutions<br>ness group<br>others in<br>ecoplant<br>o., Ltd. | Т                      | otal               |
| Cash flows from operating activities | ₩                            | 60,782  | ₩                     | (157  | ,098)           | ₩                          | (82,652  | 2) ₩                   | (178,968)          |
| Cash flows from investing activities |                              | (70)  |                       | 796   | ,759            |                            | 444,905  | 5                      | 1,241,594          |
| Cash flows from financing activities |                              | (20,874)  |                       | 281   | ,449            |                            | (78  | 3)                     | 260,497            |
|                                      |                              |   |                       | For th  | ne year e       | nded Dece                  | mber 31, 2021  |                        |                    |
|                                      |                              | Petrole   |                       | Resource  |                 | ŀ                          | K-solutions  |                        |                    |
|                                      |                              | Developr<br>business                            |                       | siness<br>nd others in                              | Indus<br>materi |                            | usiness group<br>nd others in                                | SK TNS                 |                    |
|                                      |                              | SK innova                                       | ation S               | K Networks  | busine          | ss in S                    | K ecoplant   | Co., Ltd.              |                    |
| Cash flows from operating activities |                              | <u>Co., Lt</u><br>₩ (                           | <u>d.</u><br>6,909) ₩ | Co., Ltd.<br>(9,697)                                | SKC C           | o., <u>Ltd</u><br>10,758 ₩ | Co., Ltd. 2<br>542,185 ₩                                     | and others<br>(74,204) | Total<br>₩ 562,133 |
| Cash flows from investing activities |                              |   | 0,909) w<br>7,879     | 94,495  |                 | 25,731)                    | (27,639)   | 283,146                | 372,150            |
| Cash flows from financing activities |                              | (8  | 0,109)                | 5,277   | (·              | 43,494)                    | (865)  | (14,643)               | (133,834)          |

#### 31. Assets and liabilities held for sale

Details of assets and liabilities held for sale as of December 31, 2022 are as follows (Korean won in millions):

|                               |   |   | December 31          | , 2022      |
|-------------------------------|---|---|----------------------|-------------|
|                               |   |   | Assets               | Liabilities |
| Investment securities         | ESR Cayman Limited (*1)   | ₩ | 260,970 ₩            | -           |
|                               | SKC (Jiangsu) High tech Plastics                                  |   | 18,778               | -           |
|                               | Digital Content Korea Investment Association, and others          |   | 5,315                | -           |
| Business segment              | China business segment (*2)                                       |   | 74,772               | 12,693      |
| -                             | Resources business segment (*2)                                   |   | 55,028               | 26,067      |
| Associates                    | Daekyo Confident Content Korea Investment Association, and others |   | 1,062                | -           |
|                               | NanoEnTek Inc.  |   | 46,779               | -           |
|                               | Grab Geo Holdings Pte. Ltd (*3)                                   |   | 30,564               | -           |
| Property, plant and equipment |   |   | 102,255              | 29,000      |
|                               |   | ₩ | 595,523 <del>₩</del> | 67,760      |

- (\*1) The Group decided to sell ESR Cayman Limited before the year ended December 31, 2021, and classified related assets and liabilities as held-for-sale and measured them at the lower of their carrying amounts and fair value less costs to sell. Some of the shares were sold before the year ended December 31, 2021, and the remaining shares are also being reviewed for sale.
- (\*2) SK Networks Co., Ltd., a subsidiary, decided to sell the China and resource business sector. The Group classified related assets and liabilities as held-for-sale and measured them at the lower of their carrying amounts and fair value less costs to sell.
- (\*3) Tmap mobility Co., Ltd., a subsidiary, classified the entire stake in Grab Geo Holdings Pte. Ltd., an investment in associate, as an asset held-for-sale upon its decision to sell the stake as a whole and measured the asset at the lower of net fair value (i.e., fair value less costs to sell) and book value. Accordingly, the entire stake in Grab Geo Holdings Pte. Ltd. was classified as an asset held-for-sale. The Group is scheduled to dispose such investments in the entity in June 2023.
- (\*4) SK E&S Co., Ltd., a subsidiary, decided to sell 3 parcels of land in Namcheon-dong and house no. 545 in Namcheon-dong, Suyeong-gu on December 20, 2022, and assets and liabilities related thereto are classified as held-for-sale. The transaction is expected to be completed by the end of May 2023.

## 32. Lessor

(1) Details of gross investment amount and net investment amount in finance leases as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                   | December :       | 31, 2022       | December 3       | 31, 2021       |
|-------------------|------------------|----------------|------------------|----------------|
|                   | Gross investment | Net investment | Gross investment | Net investment |
| 1 year or less    | ₩ 270,015        | 5 ₩ 253,493    | ₩ 188,312        | ₩ 184,949      |
| 1 year ~ 2 years  | 236,197          | 222,719        | 166,112          | 159,314        |
| 2 year ~ 3 years  | 188,314          | 179,727        | 149,165          | 140,115        |
| 3 year ∼ 4 years  | 129,214          | 123,263        | 103,241          | 94,808         |
| 4 year ∼ 5 years  | 72,690           | 69,212         | 50,789           | 46,568         |
| More than 5 years | 46,859           | 39,617         | 43,475           | 35,848         |
|                   | ₩ 943,289        | ₩ 888,031      | ₩ 701,094        | ₩ 661,602      |

(2) Details of unrealized interest income of finance leases for the year ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                            | <u>Decembe</u> | er 31, 2022 | <u>Decem</u> | <u>ıber 31, 2021</u> |
|----------------------------|----------------|-------------|--------------|----------------------|
| Gross investment           | ₩              | 943,289     | ₩            | 701,094              |
| Net investment             |                | 888,031     |              | 661,602              |
| Unrealized interest income |                | 55,258      |              | 39,492               |

## 33. Cash flow information

(1) Details of non-cash adjustments for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|  | For the year      | ars ended          |
|--|-------------------|--------------------|
|  | December 31, 2022 | December 31, 2021  |
| Provision for pension benefits                                     | ₩ 451,448         | ₩ 460,042          |
| Depreciation   | 7,048,838         | 6,699,911          |
| Amortization   | 1,734,807         | 1,687,803          |
| Bad debt expenses  | 62,088            | 93,158             |
| (Reversal of)Valuation loss on inventories                         | 637,025           | 218,000            |
| Interest expenses  | 2,145,881         | 1,444,113          |
| Loss on foreign currency translation                               | 683,217           | 390,626            |
| Loss on valuation of derivatives                                   | 338,092           | 426,301            |
| Loss on disposal of trade receivables                              | 100,820           | 19,478             |
| Loss on impairment of investments in associates and joint ventures | 375,147           | 35,166             |
| Loss on disposal of property, plant and equipment                  | 72,042            | 94,551             |
| Loss on impairment of property, plant and equipment                | 94,240            | 64,836             |
| Loss on disposal of intangible assets                              | 5,941             | 8,418              |
| Loss on impairment of intangible assets                            | 176,957           | 133,965            |
| Income tax expense   | 2,566,962         | 731,726            |
| Share of profit of subsidiaries and associates                     | (84,667)          | (1,924,360)        |
| Interest income  | (475,779)         | (195,473)          |
| Gain on foreign currency translation                               | (988,638)         | (275,719)          |
| Gain on valuation of derivatives                                   | (681,118)         |                    |
| Dividend income  | (51,928)          | (63,832)           |
| Gain on disposal of trade receivables                              | (1,043)           | (32,633)           |
| Gain on disposal of investments in associates and joint ventures   | (504,791)         | (550,239)          |
| Gain on disposal of property, plant and equipment                  | (581,887)         | (269,703)          |
| Gain on disposal of intangible assets                              | (80,528)          | (147,092)          |
| Gain on disposal of assets held for sale                           | (785,828)         | -                  |
| Others   | 1,468,225         | (1,247,124)        |
|  | ₩ 13,725,523      | <u>₩ 7,472,186</u> |

(2) Details of working capital adjustments for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                            | For the years ended |               |                   |  |  |  |
|----------------------------|---------------------|---------------|-------------------|--|--|--|
|                            | <u>Decei</u>        | mber 31, 2022 | December 31, 2021 |  |  |  |
| Inventories                | ₩                   | (5,508,605)   | ₩ (4,719,207)     |  |  |  |
| Trade receivables          |                     | (2,951,317)   | (2,120,245)       |  |  |  |
| Other receivables          |                     | (928,900)     | (380,299)         |  |  |  |
| Trade payables             |                     | 6,282,388     | 4,369,497         |  |  |  |
| Other payables             |                     | (2,465,180)   | 81,556            |  |  |  |
| Advances received          |                     | 342,662       | (17,094)          |  |  |  |
| Defined benefit obligation |                     | (384,814)     | (390,322)         |  |  |  |
| Plan assets                |                     | (448,848)     | (272,564)         |  |  |  |
| Others                     |                     | (359,628)     | (652,833)         |  |  |  |
|                            | $\overline{\Psi}$   | (6,422,242)   | ₩ (4,101,511)     |  |  |  |

(3) Significant non-cash transactions for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|   |      | For the years ended |          |          |  |  |
|---|------|---------------------|----------|----------|--|--|
|   | Dece | mber 31, 2022       | December | 31, 2021 |  |  |
| Increase in other payables due to                       | ₩    | 898,940             | ₩        | 883,091  |  |  |
| acquisition of property, plant and equipment and others |      |                     |          |          |  |  |

## 33. Cash flow information (cont'd)

(4) Details of changes in liabilities arising from financing activities for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|  |   | For the year ended December 31, 2022 |    |              |        |            |       |           |   |            |
|--|---|--------------------------------------|----|--------------|--------|------------|-------|-----------|---|------------|
|  |   | Non-cash transaction                 |    |              |        |            |       |           |   |            |
|  |   |                                      |    | Cash flows   | Ch     | anges in   |       |           |   |            |
|  |   | Beginning                            | fr | om financing | excl   | nange rate |       |           |   | Ending     |
|  |   | balance                              |    | activities   | an     | d others   |       | Others    |   | balance    |
| Short-term borrowings                  | ₩ | 7,657,381                            | ₩  | 10,426,397   | ₩      | (214,633)  | ₩     | (411,848) | ₩ | 17,457,297 |
| Bonds payable and long-term borrowings |   | 50,448,212                           |    | 5,200,815    |        | 945,980    |       | 419,858   |   | 57,014,865 |
| Long-term trade payables               |   | 1,854,343                            |    | (407,780)    |        | -          |       | 66,644    |   | 1,513,207  |
| Lease liabilities                      |   | 5,054,890                            |    | (1,099,618)  |        | 7,812      |       | 1,543,363 |   | 5,506,447  |
| Dividends payable                      |   | 887                                  |    | (1,708,407)  |        |            |       | 1,708,455 |   | 935        |
|  | ₩ | 65,015,713                           | ₩  | 12,411,407   | ₩      | 739,159    | ₩     | 3,326,472 | ₩ | 81,492,751 |
|  |   |                                      |    | For the vea  | ır end | ed Decembe | er 31 | . 2021    |   |            |
|  |   |                                      |    |              |        | Non-cash   |       |           |   | -          |
|  |   |                                      |    | Cash flows   | Ch     | anges in   |       |           |   |            |
|  |   | Beginning                            | fr | om financing |        | nange rate |       |           |   | Ending     |
|  |   | balance                              |    | activities   | an     | d others   |       | Others    |   | balance    |
| Short-term borrowings                  | ₩ | 6,201,430                            | ₩  | 1,279,570    | ₩      | 28,680     | ₩     | 147,701   | ₩ | 7,657,381  |
| Bonds payable and long-term borrowings |   | 43,060,288                           |    | 5,979,071    |        | 328,920    |       | 1,079,933 |   | 50,448,212 |
| Long-term trade payables               |   | 1,168,784                            |    | (426,462)    |        | -          |       | 1,112,021 |   | 1,854,343  |
|  |   | E CCE OE4                            |    | (1,070,625)  |        | 4,352      |       | 455,212   |   | 5,054,890  |
| Lease liabilities                      |   | 5,665,951                            |    | (1,070,023)  |        | 4,332      |       | 700,212   |   | 3,034,030  |
| Lease liabilities<br>Dividends payable |   | 5,665,951<br><u>840</u>              |    | (1,394,332)  |        | 4,332      |       | 1,394,379 |   | 887        |

## 34. Commitments and contingencies

(1) Guarantees provided for the Group as of December 31, 2022 are as follows (Korean won in millions and foreign currencies in thousands):

| SK Inc.  Korea Software Financial Coporation Seoul Guarantee Insurance Netruck Co., Ltd. Seoul Guarantee Insurance Netruck Co., Ltd. Seoul Guarantee Insurance SK Flank Co., Ltd. Seoul Guarantee Insurance SK Flank Co., Ltd. SK Planet Co., Ltd. SK Broadband Co., Ltd. SK Broadband Co., Ltd. SK Suparance Co., Ltd | Guarantee                | Guarantor                             | Currency | Amount | Description of quarantee                         |
|--|--------------------------|---------------------------------------|----------|--------|--|
| Netruck Co., Ltd. Seoul Guarantee Insurance SK Yelink Co., Ltd. Seoul Guarantee Insurance SK Yelink Co., Ltd. Seoul Guarantee Insurance SK Yelink Co., Ltd. SK Planet Co., Ltd. SK Storadband Co., Ltd. SK St Groadband Co., Ltd. SK St Make St Co., Ltd. Sk St Make Sk Co., Ltd. Sk Sk St St Co., Ltd. Sk Sk St St Co., Ltd. Sk Sk St St St Co., Ltd. Sk Sk St St St Co., Ltd. Sk Sk St S |                          |                                       |          |        |  |
| Netrusk Co., Ltd. Seoul Guarantee Insurance KRW St Telink Co., Ltd. Seoul Guarantee Insurance KRW St Telink Co., Ltd. Sk Planet Co., Ltd. Sk Broadband Co., Ltd. Sk St Square Co., Ltd. Sk Square Co., Ltd. Sk St Square Co., Ltd. Sk Square Co., Ltd. Sk Square Co., Ltd. Sk Sheidus Co., Ltd. Shama Bank Sh Service Co., Ltd. Shama Bank Sh Service Co., Ltd. Shoul Guarantee Insurance Sh Sheidus Comparative Shama Bank Sh Service Co., Ltd. Shoul Guarantee Insurance Sh Sh Sheidus Comparative Shama Bank Sh Service Co., Ltd. Sh Sheidus Comparative Shoul Guarantee Insurance Sh Sh Sheidus Comparative Shama Bank Sh Service Co., Ltd. Sh Sh Sheidus Comparative Shoul Guarantee Insurance Sh Sh Sh Service Co., Ltd. Sh Sh Sheidus Comparative Shoul Guarantee Insurance Sh Sh Service Co., Ltd. Sh S   |                          |                                       |          | ,      |  |
| SR Telink Co., Ltd. Seoul Guarantee Insurance SK Planet Co., Ltd. SK Planet Co., Ltd. SK Planet Co., Ltd. SK Broadband Co., Ltd. Seoul Guarantee Insurance Cooperative SK St Guarantee Co., Ltd. SK Shidus Co., Ltd. Sk Magic Co., Ltd. Sk Magic Co., Ltd. Sk Magic Co., Ltd. Sk Magic Co.,  |                          | Seoul Guarantee Insurance             | KRW      | 23,553 | Performance guarantees for contract and others   |
| SK Planet Co., Ltd.  Secol Guarantee Insurance KRW SK Broadband Co., Ltd.  SK Broadband Co., Ltd.  SK Broadband Co., Ltd.  SK Square Co., Ltd.  SK Shieldus Co., Ltd.  Tmap Mobility Co., Ltd.  SK Shieldus Co., Ltd.  SK M & Service Co., Ltd.  SK M M  | Netruck Co., Ltd.        | Seoul Guarantee Insurance             | KRW      | 5      | Performance insurances for warranties and others |
| SK Planel Co., Ltd.  KE Brana Bank KRW 20,924 Performance guarantees for contract and others KRW 30,406 Guarantee for warranties and others KRW 30,406 Guarantee for warranties contract Cooperative KRW 30,406 Guarantee of warranties contract Cooperative KRW 30,406 Guarantee of warranties contract Cooperative KRW 214,556 Guarantee of warranties and others KRW 214,556 Guarantee of bid payment and others KRW 214,556 Guarantee of bid payment and others Cooperative SK Stare Co., Ltd. Sk Service Co., Ltd. Sk Service Co., Ltd. Sk Service Co., Ltd. Sk Service Co., Ltd. Sk Stare  | SK Telink Co., Ltd.      |                                       |          |        |  |
| KEB Hana Bank KRW 3,000 Performance insurance for warranties and others Korea Content Financial Cooperative KES Square Co., Ltd. KEB Hana Bank KRW 37,761 Guarantee of warranties contract Cooperative KEB Hana Bank KRW 37,761 Guarantee of foreign currencies KRW 214,556 Guarantee of foreign currencies KRW 214,556 Guarantee of bipayment and others KRW 21,556 Guarantee for contract KRW 21,556 Guarantee of bipayment and others KRW 21,556 Guarantee for contract KRW 21,556 Guarantee for |                          | · · · · · · · · · · · · · · · · · · · |          |        |  |
| SK Square Co., Ltd.  Krea Content Financial Cooperative KRW 27761 Guarantee of warranties contract Cooperative KRW 37761 Guarantee of warranties contract Cooperative KRW 1,3766 Guarantee of warranties contract KRW 1,3766 Guarantee of warranties contract Cooperative KRW 1,3766 Guarantee of warranties contract KRW 2,913 Performance guarantees and others Cooperative KRW 2,913 Performance guarantees for contract and others KRW 2,913 Performance guarantees for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for propagnative for contract seasoul Guarantee Insurance KRW 3,688 Guarantee for guarantees for contract and others KRW 4,790 Performance guarantees for contract and others KRW 5,690 Specific debt guarantee KRW 5,790 Performance guarantees for contract seasoul Guarantee Insurance KRW 5,790 Guarantee for poords KRW 5,790 Guarantee for contract seasoul Guarantee Insurance KRW 5,790 Guarant | SK Planet Co., Ltd.      |                                       |          |        |  |
| Korae Content Financial Cooperative SK Square Co., Ltd. KEB Hana Bank KRW SK Sheldus Co., Ltd. KEB Hana Bank KRW SK Sheldus Co., Ltd. KEB Hana Bank KRW SK M & Service Co., Ltd. Sk Sheldus Co., Ltd. Sk Networks Service Co., Ltd. Sk Networks Service Co., Ltd. Sk Magic Service Co., Ltd. Skean Gar | CI/ Draadband Co. Ltd    |                                       |          |        |  |
| SK Square Co., Ltd. Tmap Mobility Co., Ltd. SK Shieldus Co., Ltd. Seoul Guarantee Insurance SK M & Service Co., Ltd. Seoul Guarantee Insurance SK M & Service Co., Ltd. Seoul Guarantee Insurance Sk M & Service Co., Ltd. Seoul Guarantee Insurance Sk M & Service Co., Ltd. Seoul Guarantee Insurance Sk M & Service Co., Ltd. Seoul Guarantee Insurance Sk M & Service Co., Ltd. Sk Store Co., Ltd. Sk  | SK Broadband Co., Ltd.   |                                       |          | ,      |  |
| SK Square Co., Ltd. Tmap Mobility Co., Ltd. SK Shieldus Co., Ltd. SK Shieldus Co., Ltd. SK Shieldus Co., Ltd. SK Shieldus Co., Ltd. SK Service Co., Ltd. Sk Stare Sk M & Service Co., Ltd. Sk Stare Sk M & Service Co., Ltd. Sk Shieldus Co., Ltd. Sk Stare Sk M & Service Co., Ltd. Sk Stare Co., Ltd. Sk Networks Service Co., Ltd. Sk Networks Service Co., Ltd. Sk Magic Co., Ltd. Sk Magic Co., Ltd. Sk Magic Co., Ltd. Sk Magic Service Co., Ltd. Skould Juarantee Insurance Sk Sk Magic Service Co., Ltd. Skould Juarantee Insurance Sk Sk Magic Service Co., Ltd. Skould Juarantee Insurance |                          |                                       | KIXVV    | 37,701 | Guarantee of Warranties Contract                 |
| Tmap Mobility Co., Ltd. SK Shieldus Co., Ltd. SK Shieldus Co., Ltd. SK Shieldus Co., Ltd. SK Shieldus Co., Ltd. SK M & Service Co., Ltd. PS&Marketing Corp. Dreamus company Co., Ltd. One store Co., Ltd. New Service Co., Ltd. New Service Co., Ltd. Seoul Guarantee Insurance SK Store Co., Ltd. New Service Co., Ltd. New Store Co., Ltd. Seoul Guarantee Insurance SK Store Co., Ltd. Seoul Guarantee Insurance SK Store Co., Ltd. SK Oas Co., Ltd. SK Oas Co., Ltd. SK Networks Co., Ltd. SK Networks Service Co., Ltd. SK Networks Service Co., Ltd. SK Magic Service Co., Ltd. SK Networks Service Co., Ltd. SK Networks Service Co., Ltd. SK Networks Service Co., Ltd. SK Magic Service Co., Ltd. Sk Rest Service Co., Ltd. Sk Magic Service Co., Ltd. Skowlard Service Co., Ltd | SK Square Co. Ltd        |                                       | USD      | 499    | Guarantee of foreign currencies                  |
| SK Shieldus Co., Ltd.  Korea Software Financial Coperative SK M & Service Co., Ltd. Seoul Guarantee Insurance SK M & Service Co., Ltd. Seoul Guarantee Insurance Skinhan Bank KRW PS&Marketing Corp. Seoul Guarantee Insurance Seoul Guarantee Insurance KRW PS&Marketing Corp. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW SK Store Co., Ltd. Seoul Guarantee Insurance KRW KSW SSore Co., Ltd. Seoul Guarantee Insurance KRW KSW SSore Co., Ltd. Seoul Guarantee Insurance KRW KSW SSore Co., Ltd. SED Insurance KRW KSW SSore Co., Ltd. SEOU Guarantee Insurance KRW SK O&S Co., Ltd. SEOU Guarantee Insurance KRW SK O&S Co., Ltd. SK Networks Co., Ltd. SK Networks Service Co., Ltd. SK Networks Service Co., Ltd. SK Magic Co., Ltd. SK Magic Co., Ltd. SK Magic Co., Ltd. SK Magic Service Co., Ltd. Skool Guarantee Insurance Seoul Guarantee I |                          |                                       |          |        |  |
| SK M & Service Co., Ltd.  SK M & Service Co., Ltd.  PS&Marketing Corp. Dreamus company Co., Ltd. One store Co., Ltd.  New York Corp.  Home & Service Co., Ltd.  Secul Guarantee Insurance  KRW  PS&Marketing Corp. Dreamus company Co., Ltd. One store Co., Ltd.  New York Corp.  Home & Service Co., Ltd.  Secul Guarantee Insurance  KRW  Secul Guarantee Insurance  KRW  Home & Service Co., Ltd.  KEB Hana Bank  KRW  Secul Guarantee Insurance  KRW  Home & Service Co., Ltd.  KEB Hana Bank  KRW  Secul Guarantee Insurance  KRW  SED Hana Bank  KRW  27,000 Performance guarantees and others  SEX L&S Co., Ltd.  Secul Guarantee Insurance  KRW  Secul |                          | Korea Software Financial              | KRW      |        |  |
| Shinhan Bank   SRW   Toto Guarantee of Korean won  |                          | Cooperative                           |          |        |  |
| PS&Maylic Co., Ltd. Che store Che store Co., Ltd. Che store Che store Che store Che store Co., Ltd. Che store Che st | SK M & Service Co., Ltd. |                                       | KRW      |        |  |
| Dreamus company Co., Ltd. One store Co., Ltd. One St. Networks Service  |                          |                                       |          |        |  |
| Seou   Guarantee Insurance   KRW   100   Guarantee for E-commerce and others   KEB   Hana Bank   KRW   100   Guarantee for peayment method and payment of Korean won   Store Co., Ltd.   Sk Oks    |                          |                                       |          |        |  |
| KEB Hana Bank Home&Service Co., Ltd. Sk Store Co., Ltd. Sk EB Hana Bank KEB Hana Bank Bank Bank Bank Bank Bank Bank B  |                          |                                       |          |        |  |
| Home&Service Co., Ltd. SK Store Co., Ltd. KS Kire Co., Ltd. KSE Hana Bank KRW KSRW Z1,000 Performance guarantees and others KSRW Z2,153 Guarantee of deposit on lease and others Skoul Guarantee Insurance KRW Z3,153 Guarantee of deposit on lease and others Skoul Guarantee Insurance KRW Z3,153 Guarantee of deposit on lease and others Skoul Guarantee Insurance KRW Z2,000 Ferformance guarantees for contract and others Skoul Guarantee Insurance KRW Z2,000 Guarantee of payment for goods Skoul Guarantee Insurance KRW Z2,000 Guarantee of payment for goods Skoul Guarantee Insurance KRW Z2,000 Guarantee of debot KRW Z2,000 Guarantee of debot Skoul Guarantee Insurance KRW Z2,000 Guarantee of debot Skoul Guarantee Insurance Co., Ltd. KEB Hana Bank KRW Z2,000 Guarantee of debot Sk Magic Co., Ltd. KEB Hana Bank KRW Z2,000 Guarantee of debot Sk Magic Co., Ltd. KEB Hana Bank KRW Z2,000 Guarantee of debot Sk Magic Co., Ltd. Sk Magic Co., Ltd. Sk Magic Service Co., Ltd. Sk Nexilis Co., Ltd. Sk Magic Service Co., Ltd. Sk Magic Service Co., Ltd. Sk Nexilis Co., Ltd. Sk Magic Service Co., Ltd. Sk Nexilis Co., Ltd. Sk Oul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Z2,353 Performance guarantees for contract KRW Z2,353 Performance guarantees for contract Sk Magic Service Co., Ltd. Sk Magic Service Sevice Co., Ltd. Sk Magic Service Sevice Co., Ltd. Sk Mag | One store Co., Ltd.      |                                       |          |        |  |
| Home&Service Co., Ltd.   Seoul Guarantee Insurance   KRW   5,690   Specific debt guarantee   SK Store Co., Ltd.   K2EB Hana Bank   K2FW   27,000   Performance guarantees and others   Seoul Guarantee Insurance   K2FW   21,670   Performance guarantees and others   Seoul Guarantee Insurance   K2FW   21,670   Performance guarantees for contract and others   Seoul Guarantee Insurance   K2FW   Seoul Guarantee   Seoul Guarantee Insurance   K2FW   Seoul Guarantee   Seoul   |                          | KEB Hana Bank                         | KKW      | 100    |  |
| SK Store Co., Ltd.  Kokmin Bank KEB Hana Bank KEW 2,000 Guarantee of payment for contract KEB Hana Bank KEW 1,200 Berformance guarantees for contract KEB Hana Bank KEB Hana Bank KEW 2,353 Performance guarantees for contract Mean Machinery Financial Cooperative KEB Hana Bank KEW 2,353 Performance guarantees for contract Machinery Financial Cooperative KEW 1,200 Performance guarantees for contract Machinery Financial Cooperative KEW 1,200 Performance guarantees for contract Machinery Financial Cooperative KEW 1,200 Performance guarantees for contract Machinery Financial Cooperative KEW 1,200 Guarantee of payment Machinery Financial Cooperative KEW 1,200 Guarantee of payment Machinery Financial Cooperative Machinery Fin | Home&Service Co. Ltd     | Secul Guarantee Insurance             | KB/W     | 5 690  |  |
| 11street Co., Ltd.  KEB Hana Bank Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW SCO., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Corporation  KRW KEB Hana Bank KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Gu |                          |                                       |          |        |  |
| Seoul Guarantee Insurance KRW 23,153 Guarantee of peops in on lease and others SK O&S Co., Ltd. Seoul Guarantee Insurance KRW SCO Seoul Guarantee Insurance KRW SCO SCO SEOUL SEOUL GUARANTEE  | •                        |                                       |          |        |  |
| FSK L&S Co., Ltd. Seoul Guarantee Insurance SK O&S Co., Ltd. Seoul Guarantee Insurance KRW Scoul Guarantee Insurance KRW Corporation  SK Networks Service Co., Ltd. SK Magic Co., Ltd. SK Magic Co., Ltd. Seoul Guarantee Insurance KRW Scoul Guarantee Insurance KRW KEB Hana Bank KRW Corporation  SK Magic Service Co., Ltd. SK Magic Service Co., Ltd. SK Magic Service Co., Ltd. SK Rent-a-Car Co., Ltd. SK Rent-a-Car Co., Ltd. SK E&S Co., Ltd. Sk Ewartee Ensurance Sk Ewartee Sk Ewa |                          |                                       |          |        |  |
| SK Networks Co., Ltd.  KEB Hana Bank Soul Guarantee Insurance Korea Trade Insurance Corporation  SK Networks Service Co., Ltd.  SK Networks Service Co., Ltd.  KEB Hana Bank KRW Corporation  SK Magic Co., Ltd.  KEB Hana Bank KRW 15,847 Performance guarantees for contract KRW 11,200 Performance guarantees for contract KRW 12,000 Performance guarantees for contract KRW 15,847 Performance guarantees for contract KRW 12,000 Performance guarantees for contract KRW 12,385 Performance guarantees for contract Maculariate Insurance KRW 12,385 Performance guarantees for contract Maculariate Insurance KRW 12,385 Performance guarantees for contract and others Maculariate Insurance KRW 12,385 Performance guarantees and paproval Maculariate Insurance KRW 13,29 Guarantee of warranties and paproval Maculariate Insurance KRW 1,202 Guarantee of warranties and paproval Maculariate Insurance KRW 1,202 Guarantee of seizure contract and others Maculariate Insurance KRW 1,203 Guarantee of seizure contract and others Maculariate Insurance KRW 1,205 Guarantee of performance guarantees for contract Maculariate Insurance KRW 1,205 Performance guarantees for contract Maculariate Insurance KRW 1,205 Performance | FSK L&S Co., Ltd.        |                                       |          |        |  |
| Seoul Guarantee Insurance KRW 10,658 Performance guarantees for contract KRW corporation SK Networks Service Co., Ltd. Seoul Guarantee Insurance KRW 20,353 Performance guarantees for contract KRW 20,353 Performance guarantees and others Machinery Financial Cooperative KRW 20,353 Performance insurances for warranties and others Machinery Financial Cooperative KRW 20,353 Performance insurances for warranties and others Machinery Financial Cooperative KRW 20,353 Performance insurances for warranties and others Machinery Financial Cooperative KRW 20,353 Performance insurances for warranties and others SK Rent-a-Car Co., Ltd. Seoul Guarantee Insurance KRW 20,353 Performance insurances for warranties and others SK Rent-a-Car Co., Ltd. Seoul Guarantee Insurance KRW 551 Performance guarantees or contract SK Rex 20,000 Guarantee of Contract SK Rex 20,000 Guarantee of payment Scoul Guarantee Insurance KRW 112,785 Performance guarantees for contract and others Scoul Guarantee Insurance KRW 112,785 Performance guarantees for contract and others Scoul Guarantee Insurance KRW 112,785 Performance guarantees for contract and others Scoul Guarantee Insurance KRW 1,000 Guarantee of debt Scoul Guarantee Insurance KRW 1,000 Guarantee of debt Scoul Guarantee Insurance KRW 1,000 Guarantee of warranties and approval Scoul Guarantee Insurance KRW 1,000 Guarantee of warranties and payment Co., Ltd. Scoul Guarantee Insurance KRW 1,000 Guarantee of seizure contract and others Scoul Guarantee Insurance KRW 1,000 Guarantee of performance guarantees for warranties and others Scoul Guarantee Insurance KRW 1,000 Guarantee of performance and approval Scoul Guarantee Insurance KRW 1,000 Guarantee of performance guarantees for warranties and others Scoul Guarantee Insurance KRW 1,000 Guarantee of performance guarantees for contract Co., Ltd. Scoul Guarantee Insurance KRW 1,000 Guarantee of performance guarantees for debt Scoul Guarantee Insurance KRW 1,000 Guarantee Guarantee Insurance KRW 2,755 Performance guarantees for contract Co., Ltd. Scou | SK O&S Co., Ltd.         | Seoul Guarantee Insurance             | KRW      | 50,000 | Performance guarantees for contract              |
| KRW Service Co, Ltd.  KKB Hana Bank KRW 15,847 Performance guarantees for sales contract KRW 1,200 Performance guarantees for contract KRW 1,200 Performance guarantees for contract KRW 1,200 Performance guarantees for contract KRW 20,353 Performance guarantees for contract KRW 20,353 Performance guarantees for contract KRW 20,353 Performance insurances for warranties and others Machinery Financial Cooperative KRW 51 Performance insurances for warranties and others KRW 51 Performance guarantees for contract SK Nexilis Co., Ltd. Seoul Guarantee Insurance KRW 55 Guarantee of payment SK Devolugarantee Insurance KRW 55 Guarantee of payment Schwin Bank USD 80,000 Guarantee of debt Ship Paribas USD 71,000 PPA Bid Guarantee of debt Ship Paribas USD 71,000 PPA Bid Guarantee Of warranties and approval Schwin Bank Shinhan Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 71,000 PPA Bid Guarantee Scoul Guarantee Insurance KRW 936 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of warranties and approval Schwin Bank USD 80,000 Guarantee of scient Payment Coo, Ltd. Scoul Guarantee Insurance KRW 3,755 Performance guarantees for contract Coo, Ltd. Scoul Guarantee Insurance KRW 2,755 Performance guarantees for contract Schwin Bank USD 80, | SK Networks Co., Ltd.    |                                       |          |        |  |
| SK Networks Service Co., Ltd. SK Magic Co., Ltd. SK Magic Co., Ltd. SK Magic Service Co., Ltd. SK Magic Service Co., Ltd. Seoul Guarantee Insurance KRW Machinery Financial Cooperative KRW Magic Service Co., Ltd. Seoul Guarantee Insurance KRW SK Rent-a-Car Co., Ltd. SK Rent-a-Car Co., Ltd. SK Rent-a-Car Co., Ltd. Seoul Guarantee Insurance KRW SK Rent-a-Car Co., Ltd. Seoul Guarantee Insurance KRW SK Nexilis Co., Ltd. Seoul Guarantee Insurance KRW SK Rest Sc Co., Ltd. Seoul Guarantee Insurance KRW SK E&S Co., Ltd. Seoul Guarantee Insurance KRW Shinhan Bank USD Shinhan Bank BNP Paribas USD Machinery Service Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Shinhan Bank BNP Paribas USD T1,000 PPA Bid Guarantee of warranties and others Seoul Guarantee Insurance KRW 11,2785 Performance guarantees for contract and others Seoul Guarantee Insurance KRW T1,2785 Performance guarantees for contract and others Seoul Guarantee Insurance KRW Shinhan Bank USD Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW T1,000 PPA Bid Guarantee of warranties and approval  Seoul Guarantee Insurance KRW T1,000 PPA Bid Guarantee of warranties and others Seoul Guarantee Insurance KRW T1,000 PPA Bid Guarantee of warranties and payment  Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW T1,000 PPA Bid Guarantee of warranties and payment  Seoul Guarantee Insurance KRW T1,000 PPA Bid Guarantee of warranties and others Seoul Guarantee Insurance KRW T1,000 PPA Bid Guarantee of warranties and others T1,000 Guarantee of warranties and others T1,000 PPA Bid Gua |                          |                                       |          |        |  |
| SK Networks Service Co., Ltd. KEB Hana Bank KERW 1,200 Performance guarantees for contract REW 1,203 Performance insurances for warranties and others 1,203 Performance guarantees for contract 1,203 Performance guarantees for contract 1,203 Performance insurances for warranties and others 1,203 Performance guarantees for contract 1,203 Performance guarantees for debt 1,204 Performance guarantees for debt 1,207 Guarantee of besture contract and others 1,209 Guarantee of seizure contract and others 1,209 Guarantee of performance and approval 1,209 Guarantee of performance guarantees for contract 1,200 Performance guarantees for contract 1,200 PA Bid Guarantee of performance and approval 1,200 Performance gua |                          |                                       | KRW      | 3,798  | Guarantee of debt                                |
| Co., Ltd. SK Magic Co., Ltd. SK Magic Co., Ltd. SK Magic Service Co., Ltd. SK Magic Service Co., Ltd. SK Rent-a-Car Co., Ltd. SK Rent-a-Car Co., Ltd. SK Rent-a-Car Co., Ltd. SK E&S Co., Ltd. SK Lexible Co., Ltd. SK E&S Co., Ltd. Seoul Guarantee Insurance KRW Shinhan Bank Seoul Guarantee Insurance Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Seoul Guarantee Insurance KRW Shinhan Bank Seoul Guarantee Insurance Seoul Guarant | OKNI I O :               |                                       | LCDVA    | 45.047 |  |
| SK Magic Co., Ltd.  Seoul Guarantee Insurance Machinery Financial Cooperative Machinery Financ |                          |                                       |          |        |  |
| Machinery Financial Cooperative KRW Set Magic Service Co., Ltd. Seoul Guarantee Insurance KRW Set Performance guarantees for contract SK Rent-a-Car Co., Ltd. Seoul Guarantee Insurance KRW Set Performance guarantees for contract SK Nexilis Co., Ltd. Seoul Guarantee Insurance KRW Set Set Go., Ltd. Set Go., Lt |                          |                                       |          |        |  |
| SK Magic Service Co., Ltd. Sk Rent-a-Car Co., Ltd. Sk Rexits Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Solve Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Solve Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance Co.,  | SK Wagic Co., Ltd.       |                                       |          |        |  |
| SK Rexita-Car Co., Ltd. Seoul Guarantee Insurance SK Nexilis Co., Ltd. Seoul Guarantee Insurance SK E&S Co., Ltd. Seoul Guarantee Insurance KRW Shinhan Bank Shin | SK Magic Service Co. Ltd |                                       |          |        |  |
| SK Nexilis Co., Ltd.  Seoul Guarantee Insurance SK E&S Co., Ltd.  Seoul Guarantee Insurance KRW Sokomin Bank Shinhan Bank Shinhan Bank Shinhan Bank Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance KRW Shinhan Bank Shinhan Bank Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance Co. |                          |                                       |          |        |  |
| SK E&S Co., Ltd.  Seoul Guarantee Insurance KRW USD Shinhan Bank BNP Paribas USD 71,000 PPA Bid Guarantee of debt 980,000 Guarantee of Gebs 980,000  |                          | Seoul Guarantee Insurance             |          |        |  |
| Shinhan Bank BNP Paribas USD 71,000 Guarantee of debt 71,000 PPA Bid Guarantee of Co., Ltd.  Yeongnam Energy Service Co., Ltd. Chonnam Energy Service Co., Ltd. Seoul Guarantee Insurance KRW 936 Guarantee of warranties and payment Co., Ltd. Kangwon City Gas Co., Ltd. Seoul Guarantee Insurance KRW 818 Guarantee of seizure contract and others Seoul Guarantee Insurance KRW 1,202 Guarantee of performance and approval Seoul Guarantee Insurance KRW 434 Performance guarantees and warranties Co., Ltd. Chungcheong Energy Service Co., Ltd. Ko-one Energy Service Co., Ltd. Paju Energy Service Seoul Guarantee Insurance KRW 2,755 Performance guarantees for contract Co., Ltd. Paju Energy Service Seoul Guarantee Insurance KRW 428 Performance guarantees for approval and others Co., Ltd. Yeoju Energy Service Seoul Guarantee Insurance KRW 5,115 Guarantee of license to use state property and others Co., Ltd. Yeoju Energy Service Seoul Guarantee Insurance KRW 3,205 Guarantee of payment of facility restoration and relocation work expenses Seoul Guarantee Insurance KRW 3,205 Guarantee of payment of urban planning facility projects Firm Energy International. KEB Hana Bank Beijing Branch CNY 34,460 Guarantee of Terminal fee  |                          | Seoul Guarantee Insurance             | KRW      |        |  |
| Yeongnam Energy Service Co., Ltd. Chonnam Energy Service Co., Ltd. Chonnam Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Chonnam Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Jeonbuk Energy Service Co., Ltd. Jeonbuk Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Ko-one Energy Service Co., Ltd. Paju Energy Service Co., Ltd. Narae Energy Service Co., Ltd. Narae Energy Service Co., Ltd. Yeoju Energy Service Co., Ltd. Yeoju Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insuran |                          | Kookmin Bank                          |          |        |  |
| Yeongnam Energy Service<br>Co., Ltd.Seoul Guarantee InsuranceKRW1,329 Guarantee of warranties and approvalChonnam Energy Service<br>Co., Ltd.Seoul Guarantee InsuranceKRW936 Guarantee of warranties and paymentCo., Ltd.Busan City Gas Co., Ltd.Seoul Guarantee InsuranceKRW818 Guarantee of seizure contract and othersKangwon City Gas Co., Ltd.Seoul Guarantee InsuranceKRW1,202 Guarantee of performance and approvalJeonbuk Energy Service<br>Co., Ltd.Seoul Guarantee InsuranceKRW434 Performance guarantees and warrantiesChungcheong Energy<br>Service Co., Ltd.Seoul Guarantee InsuranceKRW3,755 Performance insurances for warranties and othersKo-one Energy Service<br>Co., Ltd.Seoul Guarantee InsuranceKRW2,755 Performance guarantees for contractCo., Ltd.Seoul Guarantee InsuranceKRW428 Performance guarantees for approval and othersNarae Energy Service<br>Co., Ltd.Seoul Guarantee InsuranceKRW5,115 Guarantee of license to use state property<br>and othersYeoju Energy Service<br>Co., Ltd.Seoul Guarantee InsuranceKRW10,406 Performance guarantees for deposit on approval<br>and othersSeoul Guarantee Insurance<br>Co., Ltd.Seoul Guarantee InsuranceKRW3,205 Guarantee of payment of facility restoration<br>and relocation work expensesSeoul Guarantee Insurance<br>Co., Ltd.Seoul Guarantee InsuranceKRW25 Permission for development activities and approval<br>for implementation of urban planning facility projects  |                          |                                       |          | ,      |  |
| Co., Ltd. Chonnam Energy Service Co., Ltd. Busan City Gas Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Seoul Guarantee Insurance Co., Ltd. Chungcheong Energy Service Seoul Guarantee Insurance KRW Service Co., Ltd. Chungcheong Energy Service Co., Ltd. Chungcheong Energy Service Seoul Guarantee Insurance KRW Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Chungcheong Energy Service Seoul Guarantee Insurance KRW Service Co., Ltd. Seoul Guarantee Insurance KRW Service Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee of Insurance of Insu |                          |                                       |          |        |  |
| Chonnam Energy Service Co., Ltd.  Busan City Gas Co., Ltd.  Seoul Guarantee Insurance KRW  818 Guarantee of seizure contract and others  Kangwon City Gas Co., Ltd.  Seoul Guarantee Insurance KRW  1,202 Guarantee of performance and approval  Jeonbuk Energy Service Co., Ltd.  Chungcheong Energy Service Co., Ltd.  Ko-one Energy Service Co., Ltd.  Ko-one Energy Service Co., Ltd.  Kapi Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance KRW  5,115 Guarantee of license to use state property and others  Seoul Guarantee Insurance KRW  10,406 Performance guarantees for deposit on approval and others  Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance KRW  3,755 Performance guarantees for contract  KRW  5,115 Guarantee of license to use state property and others  Seoul Guarantee Insurance KRW  10,406 Performance guarantees for deposit on approval and others  Seoul Guarantee Insurance Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW  3,205 Guarantee of payment of facility restoration and relocation work expenses  KRW  5 Permission for development activities and approval for implementation of urban planning facility projects  Prism Energy International.  KEB Hana Bank Beijing Branch CNY  34,460 Guarantee of Terminal fee   |                          | Seoul Guarantee Insurance             | KRW      | 1,329  | Guarantee of warranties and approval             |
| Co., Ltd.  Busan City Gas Co., Ltd.  Busan City Gas Co., Ltd.  Seoul Guarantee Insurance Kangwon City Gas Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Chungcheong Energy Service Co., Ltd.  Ko-one Energy Service Co., Ltd.  Paju Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Co., Ltd.  Co., Ltd.  Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd.  Co |                          | Social Cuarantes Incurance            | KDW      | 026    | Cuarantae of warrantice and navment              |
| Busan City Gas Co., Ltd. Kangwon City Gas Co., Ltd. Jeonbuk Energy Service Co., Ltd. Chungcheong Energy Service Co., Ltd. Ko-one Energy Service Co., Ltd. Narae Energy Service Co., Ltd. Narae Energy Service Co., Ltd. Narae Energy Service Co., Ltd. Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW A28 Performance guarantees for contract Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Co., Ltd. Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for contract KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for contract KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for contract KRW A28 Performance guarantees for contract KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approval and others Seoul Guarantee Insurance KRW A28 Performance guarantees for approva |                          | Seoul Guarantee insurance             | KKVV     | 930    | Guarantee of warranties and payment              |
| Kangwon City Gas Co., Ltd. Jeonbuk Energy Service Co., Ltd. Chungcheong Energy Service Co., Ltd. Ko-one Energy Service Co., Ltd. Narae Energy Service Co., Ltd. Narae Energy Service Co., Ltd. Narae Energy Service Co., Ltd. Yeoju Energy Service Co., Ltd. Yeoju Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Narae Energy Service Co., Ltd. Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul Guarantee Insurance KRW Seoul Guarantee Insurance Co., Ltd. Seoul  |                          | Seoul Guarantee Insurance             | KRW      | 818    | Guarantee of seizure contract and others         |
| Jeonbuk Energy Service Co., Ltd. Chungcheong Energy Service Co., Ltd. Ko-one Energy Service Co., Ltd.  Seoul Guarantee Insurance KRW 3,755 Performance insurances for warranties and others Service Co., Ltd. Ko-one Energy Service Co., Ltd.  Paju Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Yeoju Energy Service Co., Ltd.  Yeoju Energy Service Co., Ltd.  Seoul Guarantee Insurance KRW 5,115 Guarantee of license to use state property and others  Yeoju Energy Service Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW 3,205 Guarantee of payment of facility restoration and relocation work expenses  Seoul Guarantee Insurance KRW 2,755 Performance guarantees for contract KRW 5,115 Guarantee of license to use state property and others  10,406 Performance guarantees for deposit on approval and others  3,205 Guarantee of payment of facility restoration and relocation work expenses  Seoul Guarantee Insurance KRW 25 Permission for development activities and approval for implementation of urban planning facility projects  Prism Energy International.  KEB Hana Bank Beijing Branch CNY 34,460 Guarantee of Terminal fee   |                          |                                       |          |        |  |
| Co., Ltd. Chungcheong Energy Service Co., Ltd. Ko-one Energy Service Co., Ltd.  Raju Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Yeoju Energy Service Co., Ltd.  Yeoju Energy Service Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW  Agwarantee Insurance KRW  Energy Service Seoul Guarantee Insurance KRW  Energy International.  Energy International.  Energy International.  Energy International.  Energy International.  Energy Service Seoul Guarantee Insurance KRW  Energy International.  Energy International.  Energy International.  Energy International.  Energy International Insurance Insuranc |                          |                                       |          |        |  |
| Service Co., Ltd.  Ko-one Energy Service Co., Ltd.  Paju Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insura |                          |                                       |          |        | 3  |
| Ko-one Energy Service Co., Ltd.  Paju Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Narae Energy Service Co., Ltd.  Yeoju Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Yeoju Energy Service Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee | Chungcheong Energy       | Seoul Guarantee Insurance             | KRW      | 3,755  | Performance insurances for warranties and others |
| Co., Ltd.  Paju Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Narae Energy Service Co., Ltd.  Yeoju Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Yeoju Energy Service Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insur | Service Co., Ltd.        |                                       |          |        |  |
| Paju Energy Service Co., Ltd.  Narae Energy Service Co., Ltd.  Yeoju Energy Service Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Energy Service Seoul Guarantee Insurance Co., Ltd.  Energy International.  Energy International  Energy Internat |                          | Seoul Guarantee Insurance             | KRW      | 2,755  | Performance guarantees for contract              |
| Co., Ltd.  Narae Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarante |                          |                                       |          |        |  |
| Narae Energy Service Co., Ltd.  Yeoju Energy Service Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insuranc |                          | Seoul Guarantee Insurance             | KRW      | 428    | Performance guarantees for approval and others   |
| Co., Ltd.  Yeoju Energy Service Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW Co., Ltd.  Seoul Guarantee Insurance ARW Co., Ltd.  Seoul Guarantee Insurance |                          | CI C                                  | KDM      | E 44E  | O  |
| Yeoju Energy Service Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance KRW Dangjin Haengbok Solar Seoul Guarantee Insurance Seoul Guarantee Insurance KRW Dangjin Haengbok Solar Seoul Guarantee Insurance Seoul G |                          | Seoul Guarantee Insurance             | KKW      | 5,115  | , , ,  |
| Co., Ltd.  Dangjin Haengbok Solar Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Seoul Guarantee Insurance Co., Ltd.  Prism Energy International.  KEB Hana Bank Beijing Branch  ARW  Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance CNY  ARW Seoul Guarantee Insurance Seoul Guarantee Insurance ARW Seoul Guarantee Insurance Seoul Guarantee Insurance CNY  ARW Seoul Guarantee Insurance Seoul Guarantee Insurance Seoul Guarantee In |                          | Social Guarantee Insurance            | KD/W     | 10.406 |  |
| Dangjin Haengbok Solar Co., Ltd. Shinanjeungdo Sunlight Co., Ltd. Prism Energy International.  Seoul Guarantee Insurance KRW Seoul Guarantee of payment of facility restoration and relocation work expenses Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee of payment of facility restoration and relocation work expenses Seoul Guarantee Insurance KRW Seoul Guarantee Insurance KRW Seoul Guarantee Insurance SCRW Seoul Guarantee Insurance ARW Seoul Guarantee Insurance SCRW Seoul Guarantee Insurance SCRW Seoul Guarantee Insurance ARW Seoul Guarantee Insurance SCRW Seoul Gua |                          | Seoul Guarantee insurance             | KKVV     | 10,400 |  |
| Co., Ltd.  Shinanjeungdo Sunlight Co., Ltd.  Prism Energy International.  KEB Hana Bank Beijing Branch  Seoul Guarantee Insurance KRW  ARW  Seoul Guarantee Insurance KRW  Seoul Guarantee Insurance KRW  Seoul Guarantee Insurance KRW  Seoul Guarantee Insurance KRW  Seoul Guarantee Insurance CNY  Seoul Guarantee Insurance KRW  Seoul Guarantee Insurance Seoul Guarantee Insurance CNY  Seoul Guarantee Insurance Seoul Guarantee Insurance CNY  Seoul Guarantee Insurance Seoul Guarantee Insurance CNY  Seoul Guarantee Insurance Seoul Guarantee |                          | Seoul Guarantee Insurance             | KRW      | 3 205  |  |
| Shinanjeungdo Sunlight Co., Ltd. Prism Energy International. KEB Hana Bank Beijing Branch KRW 25 Permission for development activities and approval for implementation of urban planning facility projects 34,460 Guarantee of Terminal fee  |                          | Cook Carantoo modianoo                | 13177    | 0,200  |  |
| Co., Ltd. for implementation of urban planning facility projects Prism Energy International. KEB Hana Bank Beijing Branch CNY 34,460 Guarantee of Terminal fee   |                          | Seoul Guarantee Insurance             | KRW      | 25     |  |
|  |                          |                                       |          |        |  |
| Zhoushan Limited   |                          | KEB Hana Bank Beijing Branch          | CNY      | 34,460 | Guarantee of Terminal fee                        |
|  | Zhoushan Limited         |                                       |          |        |  |

| Guarantee SK Ecoplant Co., Ltd.                    | Guarantor HSBC and others                                   | Currency<br>USD | Amount    | Description of guarantee Performance guarantees  |
|--|---|-----------------|-----------|--|
| SK Ecopiani Co., Liu.                              | FIGDO and others  |                 |           | for overseas construction and others   |
|  |   | KWD             |           | Performance guarantees for overseas construction and others                            |
|  |   | QAR             | 30,938    | Performance guarantees for overseas construction and others                            |
|  |   | TRY             | 26,264    | Performance guarantees   |
|  |   | THB             | 153,040   | for overseas construction and others Performance guarantees                            |
|  |   | KZT             | 7,568,929 | for overseas construction and others Performance guarantees                            |
|  |   | VND             |           | for overseas construction and others   |
|  |   |                 |           | Performance guarantees for overseas construction and others                            |
|  |   | HKD             | 24,921    | Performance guarantees for overseas construction and others                            |
|  |   | AED             | 119,780   | Performance guarantees for overseas construction and others                            |
|  |   | NOK             | 370,295   | Performance guarantees   |
|  |   | SGD             | 752       | for overseas construction and others Performance guarantees                            |
|  | KEB Hana Bank   | USD             | 161 695   | for overseas construction and others<br>Performance guarantees                         |
|  | NED Hand Bank   |                 |           | for overseas construction and others   |
|  |   | SAR             | 182,198   | Performance guarantees for overseas construction and others                            |
|  |   | EUR             | 84,938    | Performance guarantees for overseas construction and others                            |
|  |   | KRW             | 82,705    | Performance guarantees   |
|  |   | GBP             | 18,900    | for overseas construction and others Performance guarantees                            |
|  | Busan Bank  | KRW             | 5.500     | for overseas construction and others Performance guarantees                            |
|  | Shinhan Bank  | KRW             |           | for overseas construction and others   |
|  | SHIIIIIdii Dalik  |                 |           | Performance guarantees for overseas construction and others                            |
|  |   | USD             | 10,911    | Performance guarantees for overseas construction and others                            |
|  |   | EUR             | 1,658     | Performance guarantees for overseas construction and others                            |
|  | Korea Development Bank                                      | KRW             | 3,000     | Performance guarantees   |
|  | Korea Eximbank  | USD             | 107,317   | for overseas construction and others Performance guarantees                            |
|  |   | EUR             | 12        | for overseas construction and others<br>Performance guarantees                         |
|  |   |                 |           | for overseas construction and others   |
|  |   | NOK             | •         | Performance guarantees for overseas construction and others                            |
|  | Korea Housing Guarantee Co., Ltd. Seoul Guarantee Insurance | KRW<br>KRW      |           | Housing guarantees and others Performance guarantees for domestic construction         |
|  | Engineering Financial Cooperative                           | KRW             |           | and others  Domestic construction contract   |
|  | Construction Guarantee                                      | KRW             |           | Performance guarantees for domestic construction                                       |
|  | Cooperative  Machinery Financial Cooperative                | KRW             | 401,825   | and others Performance guarantees for construction and others                          |
|  | and others<br>Korea Trade Insurance                         | KRW             | 169 473   | Insurance of overseas investment and others  |
| Faring and Manager                                 | Corporation   |                 | •         |  |
| Environment Management<br>Corporation Co., Ltd.    | Construction Guarantee<br>Cooperative                       | KRW             | 86,338    | Performance guarantees for business, construction, warranties and others               |
|  | Seoul Guarantee Insurance                                   | KRW             | 116,018   | Performance guarantees for contract, payment, construction, advance payment and others |
|  | Engineering Financial Cooperative                           | KRW             | 157,449   | Guarantees for contract, advance payment, warranties and others                        |
|  | Korea Life Pyegimul Fraternal Union                         |                 |           | Guarantees for contract and warranties   |
| SK Specialty Co., Ltd.<br>SK Materials Performance | Seoul Guarantee Insurance<br>Korea Trade Insurance          | KRW<br>USD      |           | Performance guarantees and others Insurance of short-term export                       |
| Co., Ltd.<br>SK Biopharmaceuticals                 | Corporation.<br>Hupis Co., Ltd.                             | KRW             | 1 904     | Guarantee of deposit on lease  |
| Co., Ltd.  | •   |                 |           | ·  |
| SK Signet Inc.                                     | Seoul Guarantee Insurance                                   | KRW             |           | Performance guarantees for contract, payment, warranties and deposits                  |
| SK Pinx Co., Ltd.<br>Hweechan Co., Ltd.            | Seoul Guarantee Insurance<br>Seoul Guarantee Insurance      | KRW<br>KRW      |           | Performance guarantees for sales contract Performance guarantees for contract          |
|  |   |                 |           | for underground water and convenience stores   |
| SK Tri Chem Co., Ltd.                              | Seoul Guarantee Insurance                                   | KRW             | 1,185     | Performance guarantees and others  |

(2) Guarantees provided to others as of December 31, 2022 are as follows (Korean won in millions and foreign currencies in thousands):

| Guarantee                                    | Guarantor  | Currency | Amount    | Description of guarantee  |
|--|--|----------|-----------|---|
| SK Geo Centric Co., Ltd.                     | SABIC SK Nexlene   | USD      | 195.000   | Guarantee of debt   |
| ,  | Company Pte. Ltd.  |          | *         |   |
| Iberian Lube Base Oils S.A.                  | Puertos del Estado   | EUR      | 929       | Guarantees for construction   |
|  | Railway Administration and others  | EUR      | 265       | Guarantee for installing facilities and others                        |
| SK Innovation Co., Ltd.                      | Terra Power, LLC   | USD      | 151,000   | Performance guarantees for investment                                 |
| SK Telink Co., Ltd.                          | IOT Wave Co., Ltd. and others  | KRW      |           | Performance guarantees for insurance and others                       |
| SK Communications Co., Ltd.                  | Purchaser or right holder  | KRW      | 1,100     | Protection of user funds from electronic financiers                   |
|  | of electronic payment method   |          |           |   |
| Dreamus Company Co., Ltd.                    | Youngkwang Precision Industry Co., Ltd.  | KRW      | 216       | Performance guarantees for contract                                   |
| SKC Co., Ltd.                                | PI Advanced Materials Co., Ltd.  | USD      | 7,836     | Guarantee for litigation  |
|  | SKC, Inc.  | USD      | 169,000   | Local Finance Payment Guarantee                                       |
|  | SKC (Jiangsu) High Tech  | USD      | 49,950    | Local Finance Payment Guarantee                                       |
|  | Plastics Co., Ltd  | CNY      |           | Local Finance Payment Guarantee                                       |
| SK E&S Co., Ltd.                             | Boryeong LNG Terminal Co., Ltd.  | KRW      | 320,000   | Guarantee of debt   |
|  | Jeonnam Offshore Wind Power Co., Ltd.  | EUR      | 25,143    | Assurance of selected share price                                     |
| Environment Management Corporation Co., Ltd. | Dongbugwon Puleunmul Co., Ltd. and others  | KRW      | 29,860    | Guarantee of debt   |
| - 1  | Geochang Malgunmool Sarang<br>Co., Ltd. and others                                   | KRW      | 44,943    | Guarantee for loan agreement  |
|  | Gyeongsan Pure Water Co., Ltd. and others  | KRW      | 3,090     | Performance guarantees for business                                   |
| SK Ecoplant Co., Ltd.                        | SBC General Trading & Contracting Co. WLL and others                                 | KWD      | 3,500     | Performance guarantees for contract and others                        |
|  | Pohang Clean Water Co., Ltd. and others  | KRW      | 874,807   | Cash deficiency support agreement                                     |
|  | Gweonseon District 6<br>redevelopment maintenance<br>business association and others | KRW      | 195,558   | Guarantees for reconstruction project financing                       |
|  | Customers of Pangyo SK view  | KRW      | 952,104   | Guarantee of payment of intermediate payment and moving expenses loan |
|  | Lu 1 City SK leaders view and others   | KRW      | 4,058,630 | Guarantee of completion   |
|  | Fuel cell power generation project   | KRW      | 164,423   | Performance assurance related to long-term                            |
|  |  |          |           | maintenance contracts   |
|  |  | USD      | 206,330   | Performance assurance related to long-term maintenance contracts      |
|  | Contractor issuing guarantee for sale  | k KRW    | 2,242,500 | Joint surety  |

In addition, SK Ecoplant Co., Ltd., a subsidiary of the Group, provides other construction companies with performance guarantees for domestic construction, and the amount of the guarantees is \$731,638 million as of December 31, 2022.

## (3) Pending litigations

The Group's significant pending litigations as of December 31, 2022, in which the Group is a plaintiff are as follows (Korean won in millions and foreign currencies in thousands):

| Plaintiff  | Defendant   | Description  | C          | laim    | Status   |
|--|---|--|------------|---------|--|
| SK Shieldus Co., Ltd.  | Individual and others   | Claim for damages for breach of contract and others  | KRW        | 710     | First trial in progress                                    |
| SK Planet Co., Ltd.  | Fair Trade Commission   | Claim for revocation of corrective order and others  | KRW        | 335     | First trial in progress                                    |
| 11Street Co., Ltd  | Individual and others   | Claim for payment and others   | KRW        | 8,000   | Third trial in progress and others                         |
| SK Broadband Co., Ltd.   | Fair Trade Commission and others                                | Claim for payment and others   | KRW        | 5,371   | Third trial in progress and others                         |
| SK Telecom Co., Ltd.   | Individual and others   | Claim for payment and others   | KRW        | 4,005   | Third trial in progress and others                         |
| PS&Marketing Corp.   | Individual and others   | Claim for payment and others   | KRW        | 3,903   | Second trial in progress and others                        |
| Dreamus Company Co., Ltd.<br>SK Networks Co., Ltd.             | Ebo Tech<br>Individual and others                               | Claim for payment of goods<br>Claim for lease deposit  | KRW<br>KRW |         | First trial in progress<br>Second trial in progress        |
| SK Magic Co., Ltd.   | YK DONGRAMI Co.,Ltd. and others                                 | and others Request for payment of rental fee and others                                      | KRW        | 426     | and others First trial in progress and others              |
| SK Specialty Co., Ltd.<br>SK Rent-a-Car Co., Ltd.              | Byuckwoo Co.,Ltd.<br>Individual and others                      | Lawsuit for a return of money<br>Claim for payment and others                                | KRW<br>KRW |         | First trial in progress Third trial in progress and others |
| SK E&S Co., Ltd.   | Gwangyang City mayor  | Claim for cancellation of<br>imposition of refusal of<br>request for correction              | KRW        | 1,176   | First trial in progress                                    |
| Narae Energy Service Co., Ltd.                                 | Hanam City Hall   | Claim for cancellation of<br>the imposition of the contribution<br>to the water supply cause | KRW<br>n   | 3,171   | First trial in progress                                    |
| Paju Energy Service Co., Ltd.                                  | Paju City mayor   | Claim for cancellation of<br>imposition of refusal of<br>request for correction              | KRW        | 1,703   | First trial in progress                                    |
| LNG Americas, Inc.<br>(formerly, Cailip Gas<br>Marketing, LLC) | ChevronU.S.A.Inc  | Claim for compensation for loss of natural gas supply  | USD        | 84,531  | First trial in progress                                    |
| SK Incheon Petrochem Co., Ltd.                                 | Dongatanker Co., Ltd.<br>and others                             | Claim for payment  | KRW        | 10,075  | First trial in progress                                    |
| SK Ecoplant Co., Ltd.  | Korea Rail Network Authority                                    | Claim for payment of construction and others   | KRW        | 4,279   | Second trial in progress and others                        |
|  | Korea Specialty Contractor<br>Financial Cooperative             | Claim for deposit of construction performance and others                                     | KRW        | 3,456   | First trial in progress                                    |
|  | Plant & Mechanical Contractors Financial Cooperative and others | Claim for deposit of construction performance  | KRW        | 5,403   | Third trial in progress                                    |
|  | Korea National Oil Corporation                                  | Claim for payment of<br>Construction   | KRW        | 13,294  | Second trial in progress and others                        |
|  | Korea Land & Housing Corporation                                | Claim for payment of construction  | KRW        | 1,090   | Second trial in progress                                   |
|  | NSRP  | Claim for payment of construction  | KRW        | 235,718 | Arbitration in progress                                    |
|  | PNPC  | Claim for payment of construction  | KRW        | 193,263 | Arbitration in progress                                    |
|  | Seogeumsa Redevelopment<br>Association and others               | Claim for payment and others   | KRW        | 118,189 | First trial in progress<br>and others                      |
|  | Legal manager of<br>Seobon Construction Co., Ltd.               | A final and conclusive bond investigation trial of KNPCCFP                                   | KRW        | 1,940   | First trial in progress                                    |
|  | Goseong Green Power Co., Ltd.                                   | Claim for payment of<br>construction   |            |         | First trial in progress                                    |
| Environment Management Corporation Co., Ltd.                   | Siheung City and others   | Claim related to settlement of<br>operating and management<br>expenses and others            | KRW        | 26,720  | First trial in progress and others                         |
| SK Oceanplant Co.,Ltd.   | Green ST Co., Ltd.<br>and others                                | Claim for transfer<br>corporeal movables<br>and others                                       | KRW        | 607     | First trial in progress                                    |
| Green Environment Technology Co., Ltd.                         | Da Moa Machinery and others                                     | Claim related to balance of machine sales  | KRW        | 40      | Second trial in progress                                   |
| E-MEDI ONE CO.,LTD.  | Individual  | Claim for a loan   | KRW        | 1,341   | First trial in progress                                    |

The Group's significant pending litigations as of December 31, 2022, in which the Group is a defendant are as follows (Korean won in millions):

| Defendant                                    | Plaintiff   | Description  | C   | laim    | Status                              |
|--|---|--|-----|---------|-------------------------------------|
| SK Shieldus Co., Ltd.                        | Individual and others                               | Claim for damages and others   | KRW | 1,866   | Second trial in progress and others |
| 11Street Co., Ltd                            | Individual and others                               | Litigation for Claims for<br>Settlement and others                       | KRW | 1,685   | Second trial in progress and others |
| SK Broadband Co., Ltd.                       | Individual and others                               | Claim for damages and others   | KRW | 11,190  | Second trial in progress and others |
| SK Telecom Co., Ltd.                         | Individual and others                               | Claim for damages and others   | KRW | 24,366  | Third trial in progress and others  |
| SK Communications Co., Ltd.                  | Individual and others                               | Claim for confirmation of the<br>invalidity of dismissal<br>and others   | KRW | 4       | First trial in progress             |
| SK M&SERVICE CO.,LTD.                        | Individual and others                               | Claim for confirmation of the invalidity of dismissal and others         | KRW | 50      | Second trial in progress            |
| SK Networks Co., Ltd.                        | Individual and others                               | Claim for damages and others   | KRW | 3,484   | Second trial in progress and others |
| SK Magic Co., Ltd.                           | Individual and others                               | Claim for confirmation of the<br>scope of trademark rights<br>and others | KRW | 226     | Second trial in progress and others |
| SK Rent-a-Car Co., Ltd.                      | Individual and others                               | Claim for compensation and others  | KRW | 1,257   | Second trial in progress and others |
| SK Nexilis Co., Ltd.                         | Individual and others                               | Claim for damages  | KRW | 3,498   | Second trial in progress            |
| Ko-one Energy Service Co., Ltd.              | Korea Land & Housing corporation                    | Claim for cancellation of allotted charges                               | KRW | 1,286   | Second trial in progress            |
| Busan City Gas Co., Ltd.                     | HDC-labs Co., Ltd.                                  | Claim for payment of construction  | KRW | 534     | First trial in progress             |
| Narae energy service Co., Ltd.               | Korea Electric Power Corporation                    |  | KRW | 2,694   | First trial in progress             |
| SK Ecoplant Co., Ltd.                        | K-Water Resources Corporation                       | Claim for design compensation cost return and others                     | KRW | 3,004   | Third trial in progress             |
|  | Incheon Metropolitan City                           | Claim for design compensation cost return and others                     | KRW | 7,804   | Third trial in progress and others  |
|  | Hanwha Engineering & Construction Corp.             | Claim for cost share   | KRW | 5,087   | First trial in progress             |
|  | Suwon Sky View resident's representative and others | Claim for damages and others   | KRW | 26,801  | Second trial in progress and others |
|  | NSRP  | Claim for payment of construction  | KRW | 111,269 | First trial in progress             |
|  | PNPC  | Claim for payment of construction  | KRW | 411,873 | First trial in progress             |
|  | IMCO and others                                     | Claim for payment of construction and others                             | KRW | 150,278 | First trial in progress and others  |
|  | Republic of Korea                                   | Claim for damages and others   | KRW | 5,326   | First trial in progress and others  |
|  | Woori Bank  | Claim for payment of construction  | KRW | 12,096  | Second trial in progress            |
| Environment Management Corporation Co., Ltd. | Siheung City and others                             | Claim for cost share and others  | KRW | 2,300   | First trial in progress and others  |
| SK Oceanplant Co.,Ltd.                       | AT Co., Ltd. and others                             | Claim for payment of construction  | KRW | 4,831   | Second trial in progress and others |
| Green Environment                            | Daesang Co., Ltd. and others                        | Claim for payment of construction  | KRW | 253     | Second trial in progress and others |

On May 15, 2021, SK Innovation Co., Ltd., a subsidiary of the Group, LG Chem Co., Ltd. and LG Energy Solution Co., Ltd., which split-off from LG Chem Co., Ltd. agreed to withdraw all domestic and foreign disputes, be exempt from all related obligations, prohibit similar or identical disputes for 10 years, and permanent licenses for trade secrets and patents. Accordingly,  $\mbox{$\mathbb{W}$1}$  trillion in cash throughout 2021 and 2022 and royalties up to  $\mbox{$\mathbb{W}$1}$  trillion corresponding to a certain percentage of sales from 2023 will be paid to LG Energy Solution Ltd.  $\mbox{$\mathbb{W}$1}$  trillion out of the total paybles to LG Energy Solution Co., Ltd., has been paid in cash as of December 31, 2022, and the amount of royalties will be expensed at the point when any events resulting payment incur.

On May 4, 2020, the Attorney General Office of California, USA, filed a civil lawsuit in the California District Court located in San Francisco against Vitol Inc., SK Trading International Co., Ltd. and SK Energy Americas Inc., the subsidiaries of the Group, for manipulating the market price of gasoline products and anti-competitive and unfair practices during the refinery explosion in 2015. The case is currently in progress, and the duration and final outcome are not estimable at the moment. Since May 6, 2020, end-users of gasoline have filed a number of collective lawsuits in California federal court. The duration and final outcome thereof are also not estimable at the moment.

E&P business in 8th block of Peru, a subsidiary of SK Innovation Co., has been suspended due to the liquidation of operator (Pluspetrol Norte S.A.) and the business is in progress of closing.

The Perupetro S.A., a Peruvian state-owned oil company and mining rights management agency, received an injunction from the local judiciary to suspend the liquidation procedure of the operator for the year ended December 31, 2021 and the Peruvian Environmental Assessment and Supervision Authority (OEFA) fined the operator related to the restoration of the workplace and environmental pollution charge for the year ended December 31, 2021. Accordingly, SK Innovation Co., Ltd. paid expenses of  $\mbox{W1,527}$  million and  $\mbox{W1,611}$  million for the year ended December 31, 2021 and the year ended December 31, 2022, respectively, upon request of the operator which were accounted as non-operating expenses.

The Perupetro S.A. has filed international proceedings with the International Chamber of Commerce against the parties to the mining contract, including SK Innovation Co., Ltd., in accordance with the dispute settlement clause in the mine contract to the effect that the mining right contract is not terminated only by the initiation of liquidation of the operator. The status of the arbitration is currently pending, and the final outcomes of the arbitration cannot be predicted at the moment.

SKC Co., Ltd., a subsidiary of the Group, guarantees 50% of claim amounts related to the patent litigation filed by Kaneka Corporation against PI Advanced Materials Co., Ltd. As of December 31, 2022, the appeal of the lawsuit in the U.S. was rejected and the jury's verdict determined damages, but the final ruling was not made because some of the compensation for damages were not confirmed. Meanwhile, Kaneka Corporation filed a lawsuit against PI Advanced Materials Co., Ltd. in Korea based on a portion of final judgment on the U.S. jury's verdict. Accordingly, the Group paid PI Advanced Materials Co., Ltd. USD 7,836 thousand which is 50% of USD 15,671 thousand in damages. Based on the final results of litigation, the Group may have to pay more according to the ratio as specified by the payment arrangement. As of December 31, 2022, the final result of trial 1 and the timing of payment of compensation for damage are not estimable.

#### (4) Commitments

- 1) In accordance with the Commercial Code of the Republic of Korea, the Company, SK Innovation Co., Ltd., SK Energy Co., Ltd., SK Geo Centric Co., Ltd.(formerly, SK Global Chemical Co., Ltd.), SK Enmove Co., Ltd.(formerly, SK Lubricants Co.), Ltd., SK Incheon Petrochem Co., Ltd., SK Trading International Co., Ltd., SK ie technology Co., Ltd., SK On Co., Ltd, and SK Earthon Co., Ltd. are collectively responsible for any obligations of the Company arising before the spin-off. The Company and SK Biopharmaceuticals Co., Ltd. are collectively responsible for any obligations of the Company that occurred before the spin-off on April 1, 2011 and the Company and SK Specialty Co., Ltd. are collectively responsible for any obligations of SK Materials Co., Ltd. (formerly) that occurred before the spin-off on December 1, 2021.
- 2) The Company has signed a lease contract for the head office building from SK REITs Co., Ltd. The lease contract period under this lease contract is until July 5, 2026, and we have the option of extending the lease contract by five years before the end of the contract. On the other hand, we have been granted preferential purchase rights for landlords to purchase at fair prices when selling the building.
- 3) The Company holds IT outsourcing and IT system maintenance agreements to provide hardware and information systems maintenance and development service entered into between the Company and SK Group companies and others.
- 4) The Company entered into a contract with Gyeonggi province on May 31, 2011 to purchase land located in Pangyo Land Development District. The total agreement amount is \$\footnote{W}82,964\$ million (the Company's portion: \$\footnote{W}45,536\$ million (54.9%)), which will be used for the construction of urban infrastructure facilities ("designated purpose" of the land). The contract includes requirements to be complied with and restrictions in transfer of ownership of the land. Should there be non-compliance, the contract may be terminated or cancelled.
- 5) The Company has total return swap contracts in regards to SK Shipping Co., Ltd.'s issuance of ordinary shares and sale of existing shares, and details are as follows:

|                  | Subscription of new shares  | Sale of existing shares       |
|------------------|---|-------------------------------|
| Investor         | Special Situation 1st Fund  | Corporate Turnaround 1st Fund |
| Number of shares | 6,548,672   | 4,808,259                     |
| Contract date    | April 11, 2017  | May 11, 2017                  |
| Expiry date      | April 10, 2022  | May 10, 2022                  |
| Settlement       | The Company and the investor make a cash settlement of the amount that deducts the issue price from the net selling price. If the amount is positive, the investor pays to the Company, and if the amount is negative, the Company pays to the investor. In case where the sale is not complete, the selling price of the shares is considered to be nil. |                               |
| Premium          | The Company pays to the investor the amount equivalent to 3.14% of the total shares held by the investor annually. When the investor receives dividends on the shares held, the amount is paid to the Company.  |                               |
| Call option      | The Company has the right to purchase the shares held by the investor at issued price of the ordinary shares with certain level of additional charges   |                               |

As of March 30, 2022, the Company signed an agreement to changes in total profit swap including extension of expiry date, etc. with the investor of the common stock above. The changes are effective from the termination date of investment (expiry date of the existing agreement). The main details of the changes to the agreement are as follows:

| Description      | Subscription of new shares   | Sale of existing shares                      |  |
|------------------|--|--|--|
| Investor         | Special Situation 1st Fund   | Corporate Turnaround 1st Fund                |  |
| Number of shares | 6,548,672  | 4,808,259                                    |  |
| Contract date    | March 30, 2022   | March 30, 2022                               |  |
| Expiry date      | April 12, 2027   | May 10, 2027                                 |  |
| Settlement       | The Company and the investor make  | e a cash settlement of the amount that       |  |
|                  | deducts the issue price from the net s   | elling price. If the amount is positive, the |  |
|                  | investor pays to the Company, and if the amount is negative, the Company   |  |  |
|                  | pays to the investor. In case where the  | ne sale is not complete, the selling price   |  |
|                  | of the shares is considered to be nil.   |  |  |
| Premium          | The Company pays to the investor the   | he amount equivalent to 3.899% of the        |  |
|                  | total shares held by the investor quarterly. When the investor receives dividends on the shares held, the amount is paid to the Company. |  |  |
|                  |  |  |  |
| Call option      | On every first year between the end of the investment and the expiration date  |  |  |
|                  | the Company has the right to purchas   | se the shares held by the investor at the    |  |
|                  | contract price of the ordinary shares with certain level of additional charges   |  |  |

6) The Group entered into total return swap contracts with ordinary shareholders of SK Siltron Co., Ltd., one of the subsidiaries. Details are as follows:

|                  | Total return swap  |  |
|------------------|--|--|
| Investor         | Warmachine Sixth Co., Ltd. and others  |  |
| Number of shares | 13,140,440   |  |
| Contract date    | August 25, 2017  |  |
| Expiry date      | August 24, 2022  |  |
| Settlement       | The Company and the investors are to settle the amount that deducts the issue price from the net selling price. If the amount is positive, the investor pays to the Company, and if the amount is negative, the Company pays to the investor. In case where the sale is not complete, the selling price of the shares is considered to be nil. |  |
| Premium          | The Company is to pay 0.5% of the initial contract amount at the closing date of the transaction and pay to the investor the amount equivalent to 3.20% of the total shares held by the investors annually. When the investor receives dividends on the shares held, the amount is paid to the Company.  |  |
| Call option      | On a three-month basis from the closing date of sale ("the quarterly payment day"), the Company has the right to purchase the shares held by the investor at the initial contract price of the ordinary shares with a certain level of additional charges.   |  |

As of August 16, 2022, the Company signed an agreement to changes in total profit swap including extension of expiry date, etc. with the investor of the common stock above. The changes are effective from August 30, 2022(effective date of contract). The main details of the changes to the agreement are as follows:

| Description      | Total return swap contracts   |  |
|------------------|---|--|
| Investor         | Warmachine Sixth Co., Ltd. and others   |  |
| Number of shares | 13,140,440  |  |
| Contract date    | August 16, 2022   |  |
| Expiry date      | August 30, 2027   |  |
| Settlement       | The Company and the investors settle the amount that deducts the issue price from the net selling price in cash. If the amount is positive, the investor shall pay to the Company, and if the amount is negative, the Company shall pay to the investor. In case where the sale is not complete, the selling price of the shares is considered to be 0. |  |
| Premium          | The Company shall pay 0.5% of the initial contract amount within 5 operating day from the effective date of contract and shall pay to the investors the amount equivalent to 4.948% of the total shares held by investors on a three-month basis. When the investor receives dividends on the shares held, the amount shall be paid to the Company.     |  |
| Call option      | On a three-month basis from the effective date of contract ("the quarterly payment day"), the Company has the right to purchase the shares held by the investors at the initial contract price of the ordinary shares with certain level of additional charges.   |  |

As of December 31, 2022, the value of the agreements amounting to  $\mbox{$\mathbb{W}$}169,131$  million is recognized in long-term borrowings (See Note 16).

7) The Group entered into total return swap contracts with ordinary shareholders of SK E&S Co., Ltd., one of the subsidiaries. Details are as follows:

|                  | Total return swap  |  |
|------------------|--|--|
| Investor         | MD Prime 1st Co., Ltd.   |  |
| Number of shares | 4,640,199  |  |
| Contract date    | November 14, 2017  |  |
| Expiry date      | November 16, 2022  |  |
| Settlement       | The Company and the investors are to settle the amount that deducts the issue price from the net selling price. If the amount is positive, the investor pays to the Company, and if the amount is negative, the Company pays to the investor. In case where the sale is not complete, the selling price of the shares is considered to be nil. |  |
| Premium          | The Company is to pay to the investor the amount equivalent to 3.07% of the total shares held by the investors annually. When the investor receives dividends on the shares held, the amount is paid to the Company.   |  |
| Call option      | The Company may make a purchase request in the amount of common shares held by the investor plus a certain amount on every premium payment date and and every quarterly payment date between the date of the board's resolution to select the IPO organizer and the date of submission of a preliminary listing review.                        |  |

As of November 4, 2022, the Company signed an agreement to changes in total profit swap including extension of expiry date, etc. with the investor of the common stock above. The changes are effective from November 16, 2022(effective date of contract). The main details of the changes to the agreement are as follows:

| Description      | Total return swap  |  |
|------------------|--|--|
| Investor         | MD Prime 1st Co., Ltd.   |  |
| Number of shares | 4,640,199  |  |
| Contract date    | November 4, 2022   |  |
| Expiry date      | November 16, 2027  |  |
| Settlement       | The Company and the investors are to settle the amount that deducts the issue price from the net selling price. If the amount is positive, the investor pays to the Company, and if the amount is negative, the Company pays to the investor. In case where the sale is not complete, the selling price of the shares is considered to be nil.   |  |
| Premium          | At the date when three months passed after the last premium payment date or the effective date ("premium payment date") during the period from the effective date to the expiration date of this Agreement, the Company shall pay the remaining contract amount of the remaining shares multiplied by the TRS Premium (rate of return on final asking price of 91-day Transferable Certificate of Deposit (CD) plus 1.80% of annual rate). On the other hand, if an investor receives dividends or other receivables from holding the target stock, the relevant amount must be paid to the Company. |  |
| Call option      | On each premium payment date (every three months from the effective date of this contract), the Company may claim all remaining underlying assets (ordinary shares that SK E&S issued and an investor purchased from the Company) to the remaining contract amount of the underlying assets plus the call option exercise fee, securities exchange tax, and special tax for rural development.   |  |

- 8) The Company entered into a cash deficiency support agreement with Hudson Energy NY, LLC, a subsidiary of Plutus Capital NY, Inc., to lend funds for the shortfall of payment for loans and credit limit of USD 226,000 thousand.
- 9) The Company entered into a cash deficiency support agreement with Abrasax Investment Inc., a subsidiary of SK Pharmteco Inc. to lend funds for the shortfall of payment for loans and credit of up to USD 315,000 thousand.
- 10) The Company has a shareholder-to-share agreement with Showa Denko K.K. in relation to the investment of subsidiary SK Resonac Corporation, and Showa Denko K.K. has the right to sell 630,000 shares (15%) of SK Resonac Corporation at \$\psi\$ 5,000 per share in the event of a specific case of this agreement.
- 11) The Company have signed a contract between shareholders that allows certain shareholders to sell their shares to us for ₩50,000 per share if certain conditions are met for shares held by certain shareholders of its subsidiary SK Signet Co., Ltd.
- 12) As of December 31, 2022, Prism Energy International Pte., Ltd., a subsidiary, provides LOU (Letter of Understanding) to ship owners HHIENS1 Shipholding S.A., HHIENS2 Shipholding S.A., HHIENS3 Shipholding S.A. and HHIENS4 Shipholding S.A. in connection with LNG carriers. Accordingly, if SK Shipping Co., Ltd. fails to fulfill the contract (BBCHP) signed with the shipping Company, SK E&S Co., Ltd. will assume all obligations related to the execution of the contract.
- 13) LNG Americas, Inc.(formerly, LAI LNG, LLC), one of the subsidiaries, is scheduled to be provided with liquefaction service for 20 years from FLNG Liquefaction 3, LLC, which plans to operate natural gas liquefaction plants in Texas starting from 2019. As of December 31, 2022, SK E&S Co., Ltd., one of the subsidiaries, is responsible for performance guarantee in case of LNG Americas, Inc.(formerly, LAI LNG, LLC)'s inability to make payments for service or for claims against breach of obligation. In regard to this, the Company provides performance guarantee for SK E&S Co., Ltd.'s guarantee.

14) As of December 31, 2022, details of contracts of the subsidiaries of SK E&S Co., Ltd. are as follows:

| Contracting parties                               | Description of contract                                | Counterparty  | Term of contract                  |
|---|--|---|-----------------------------------|
| Kangwon City Gas Co., Ltd. and 7 subsidiaries     | Contract for the supply of long-term. natural gas (*1) | Korea Gas Corporation Co., Ltd.                       | -                                 |
| SK E&S Co., Ltd.                                  | Contract of supply for natural gas                     | Tangguh PSC Contractor Parties                        | 2006.1 ~ 2026.7                   |
|   | Contract for the repair and                            | GE International Inc.                                 | 2004.6 ~ 2026.12                  |
|   | maintenance of gas turbine                             |   | (estimated)                       |
|   | Contract for the storage and vaporization              | POSCO ENERGY Co., Ltd.                                | 2005.6 ~ 2025.12                  |
|   | service of natural gas                                 | D0000 0 111   | 2020.7 ~ 2040.12                  |
|   | Rental contract of the plant and tower site            |   | 2003.8 ~ 2028.12                  |
|   | Contract for the REC trading                           | Godeok Green Energy Co., Ltd. and others              | 20 years from contract            |
|   | Direct power transaction contract                      | SK Specialty Co., Ltd.                                | 20 years from the                 |
|   | •  | and others  | time of supply                    |
|   | Power supply contract                                  | Dangjin Haengbok Solar Co., Ltd.                      |                                   |
| Paju Energy Service Co., Ltd.                     | Contract for the long term maintenance                 | and others<br>Siemens AG and others                   | time of supply<br>2014.6 ~ 2031.6 |
| Faju Ellergy Service Co., Ltd.                    | Contract for the long-term maintenance program         | Siemens AG and others                                 | (estimated)                       |
|   | Contract for the REC trading                           | GeoGeum Solar Park Co., Ltd.                          | 15 years from 2018                |
|   | 3  | and others  | ,                                 |
|   | Contract for LTSA                                      | Doosan Fuelcell Co., Ltd.                             | 10 years from                     |
|   |  |   | performance                       |
| Naraa Enarry Candaa Ca. Ital                      | Contract for the lang term maintenance                 | Siamana AC and athera                                 | warranty date                     |
| ivarae Eriergy Service Co., Ltd.                  | Contract for the long-term maintenance program         | Siemens AG and others                                 | 2015.1 ~ 2032.1<br>(estimated)    |
|   | Contract for the long-term maintenance                 | Doosan Enerbility Co., Ltd.                           | (committed)                       |
|   | program  | (formerly, Doosan Heavy                               | 12 years from 2012                |
|   |  | Industries & Construction                             |                                   |
|   | Contract for the constitution and                      | Co., Ltd.)  | 00454 00054                       |
|   | Contract for the operation and<br>Maintenance program  | Jeonbuk Group Energy Co.,<br>Ltd. and Gimcheon Energy | 2015.1 ~ 2025.1                   |
|   | Maintenance program                                    | Service Co., Ltd.                                     |                                   |
|   | Contract for the supply of long-term                   | Korea Gas Corporation                                 | 20 years from                     |
|   | natural gas  | Co., Ltd.   | 2015.5                            |
|   | Contract for the REC trading                           | K Solar E Ho Co., Ltd.<br>and others                  | 20 years from contract            |
| Narae Energy Service                              | Contract for the use plumbing system                   | Korea Gas Corporation                                 | 20 years from 2017                |
| Co., Ltd. and Paju Energy                         | Community and and planing dyelem                       | Co., Ltd.   | 20 years nom 2011                 |
| Service Co., Ltd.                                 |  |   |                                   |
| SK E&S Co., Ltd. and                              | Contract for the storage and vaporization              | Boryeong LNG Terminal                                 | 20 years from 2017                |
| Narae Energy Service<br>Co., Ltd. and Paju Energy | service of natural gas                                 | Co., Ltd.   |                                   |
| Service Co., Ltd.                                 |  |   |                                   |
| Yeoju Energy Service                              | Integrated Environmental Management                    | SK Ecoengineering Co., Ltd. (*2)                      | 2019.1 ~ 2023.10                  |
| Co., Ltd.   | Licensing Service                                      |   |                                   |
|   | Contract for LTSA                                      | Siemens Gas & Power Gmbh                              | 2019.12 ~ 2047.12                 |
| D Cit. C C. 144                                   | Dontal contract  | Siemens Energy Ltd.                                   | (estimated)                       |
| Busan City Gas Co., Ltd.                          | Rental contract  | Megamart Co., Ltd. and others                         | 2024.06.30<br>(agreement)         |
| LNG Americas, Inc.                                | Contract for the liquefaction and                      | FLNG Liquefaction 3, LLC                              | 20 years from 2020                |
| (formerly, LAI LNG, LLC)                          | storage of natural gas                                 | , ,   | ,                                 |
|   | Contract for the use pipeline of                       | Kinder Morgan, Inc.                                   | 20 years from 2020                |
| D:  | natural gas  |   | 0040 0 0000 0                     |
| Prism Energy International Pte. Ltd.              | Contract of supply for natural gas                     | SHELL EASTERN TRADING PTE LTD and others              | 2019.6 ~ 2033.3                   |
| i te. Ltd.  | Time charter contract                                  | SK Shipping Co., Ltd.                                 | 20 years from                     |
|   |  | 511 51ppig 55., 216.                                  | ship delivery date                |
|   | Contract of supply for LNG                             | Generadora San Felipe Limited                         | 10 years from                     |
| CK FOC Australia Dt. 144                          | Contract for EDCO                                      | Partnership   | commencement date                 |
| SK E&S Australia Pty. Ltd.                        | Contract for FPSO                                      | BW Offshore Singapore Pte. Ltd. (Australia Branch)    | 15 years from service date        |
|   | Contract for the liquefaction                          | Darwin LNG Pty. Ltd.                                  | 2020.12 (contract)                |
|   | service of natural gas                                 | and others  | 15 years from service date        |
|   |  |   | (estimated)                       |
| Prism Energy International                        | Contract for the storage and vaporization              | ENN (Zhoushan) LNG Co., Ltd.                          | 2020.7 ~ 2030.7                   |
| Zhoushan Limited                                  | service of natural gas                                 |   |                                   |

<sup>(\*1)</sup> The Company has signed a contract with Korea Gas Corporation for natural gas supply for 20 years.

<sup>(\*2)</sup> During the year ended December 31, 2022, SK Ecoengineering Co., Ltd. comprehensively succeeded to the contractual status with the consolidated entity and the rights and obligations accordingly through the division and merger of SK Ecoplant Co., Ltd.

15) As of December 31, 2022, details of construction contracts about the subsidiaries of SK E&S Co., Ltd. are as follows (Korean won in millions):

| Description of contract          | Name of subsidiaries           | Contract opponent | Term of contract       | Amount  |
|----------------------------------|--------------------------------|-------------------|------------------------|---------|
| Contract for heat piping         | Narae Energy Service Co., Ltd. | DREAMLINE.CO,LTD. | 2022.04 ~ 2023.06 ₩    | 7,225   |
| and others                       |                                | and others        |                        |         |
| Yeoju natural gas power          | Yeoju Energy Service Co., Ltd. | SK Ecoengineering | 2019.12 ~ 2023.08 ₩    | 664,091 |
| Plant EPC contract (*1)          |                                | Co., Ltd. (*2)    |                        |         |
| By-product hydrogen liquefaction | on IGE Co., Ltd.               | SK Ecoengineering | 2021.07 ~ completion ₩ | 444,950 |
| Plant EPC contract (*1)          |                                | Co., Ltd. (*2)    |                        |         |

- (\*1) For the purpose of performing the contract, Yeoju Energy Service Co., Ltd., IGE Co., Ltd. received blank checks from SK Ecoengineering Co., Ltd.
- (\*2) During the year ended December 31, 2022, SK Ecoengineering Co., Ltd. comprehensively succeeded to the contractual status with the consolidated entity and the rights and obligations accordingly through the division and merger of SK Ecoplant Co., Ltd.
- 16) As of December 31, 2022, details of material contracts of resource development by the subsidiaries of SK E&S Co., Ltd. are as follows:

| Description of contract                                  | Name of subsidiaries   | Counterparty                                   | Equity ownership |
|--|--|--|------------------|
| Barossa-Caldita,<br>Australia                            | SK E&S Australia Pty. Ltd.   | Santos NA Barossa Pty. Ltd.                    | 37.5%            |
| Woodford, USA  | Dew Blaine Energy, LLC   | Continental Resources, Inc.                    | 49.9%            |
| East Timor Bayu-Undan<br>gas field and pipeline<br>asset | BU12 Australia Pty. Ltd.<br>BU13 Australia Pty. Ltd.<br>SK E&S Australia Pty. Ltd.<br>Prism DLNG Pte. Ltd. | Santos NA Darwin Pipeline Pty. Ltd. and others | 25.0%            |

- 17) SK E&S Co., Ltd., a subsidiary of the Group, has agreed to invest a total of \widetilde{\pi}10 billion in the Tcha Partners Asset Management Co., Ltd. for hydrogen business cooperation, and has completed 69.22% of the total investment agreement.
- 18) SK Energy Co., Ltd., SK Incheon Petrochem Co., Ltd., SK On Co., Ltd. and SK Geo Centric Co., Ltd., subsidiaries of the Group, pay electricity bills and tariffs through B2B corporate agreement contracts and national tax cards signed with some financial institutions, and pay the bill to the credit card Company at the end of the credit donation period under the agreement. As of December 31, 2022, the related payables and others are \(\pi\)976,213 million, which are classified as current liabilities.
- 19) SK Energy Co., Ltd., a subsidiary of the Group, signed an option contract regarding the shares of ordinary stocks held by non-controlling shareholders of goodsFLOW Co., Ltd. The terms of the contract for this option are as follows:

| Description   | Put option  | Call option  | Call option   |
|---|---|--|---|
| Purpose of Contract<br>Option rights holder<br>Option obligor | Acquisition of equity<br>Tae-jin Jung, Byung-wook Oh and others<br>SK Energy Co., Ltd.  | SK Energy Co., Ltd.<br>Tae-jin Jung, Byung-wook Oh<br>and others | SK Energy Co., Ltd.<br>Hanyu Energy Co., Ltd.<br>and others   |
| Payment method  | Cash  |  |   |
| Object of exercise  | A total of 1,014,362 shares (43.83%) of goo<br>by Tae-jin Jung, Byung-wook Oh, shareho  |  | A total of 351,076 shares<br>(15.17%) of goodsFLOW<br>Co., Ltd.'s shares held<br>by Hanyu Energy Co., Ltd.,<br>shareholders of<br>goodsFLOW Co., Ltd. |
| Time of exercise  | The date on which three years have elapse or the date agreed between the parties, where the parties is the same of the date agreed between the parties. |  |   |
| Price of exercise   | Price per share W33,553   |  | Fair value at the time of exercise of the call option.  |

- 20) SK Innovation Co., Ltd., a subsidiary of the Group, sold its holdings (40%) of SK Enmove Co., Ltd. (formerly, SK Lubricants Co., Ltd.), a subsidiary of the Group to Eco Solution Holdings Co., Ltd. (the "investor") on July 30, 2021. The shareholder agreement between the Investor and SK Innovation Co., Ltd., the largest shareholder of SK Enmove Co., Ltd. (formerly, SK Lubricants Co., Ltd.), in event of selling the stake, includes the following key terms:
  - Investor's Tag-along right and Co-Sale Process
  - Investor's right to make decisions on dividend policies, under certain conditions
  - The largest shareholder's right to request for sale of shares and Investor's right to demand the purchase of shares, under certain conditions
  - Restriction on disposal of shares of the largest shareholder and investor under certain conditions, etc.

Details of rights granted to investor are as follows:

| Description                           | Conditions   | Rights  |
|---------------------------------------|--|---|
| Tag-Along Right                       | The largest shareholder sells shares when accomplishing certain conditions   | The right to sell Investor's shares on the same conditions as the largest shareholder   |
| Co-Sale Process                       | Failure of Initial Public Offering ("IPO") within the agreed period (8 years) and the total amounts of available for dividend are less than 2.5% of the annual interest rates based on IRR | The right to sell shares held<br>by the largest shareholder<br>along with shares held by  |
| Dividend policy decision-making right | Failure of IPO within the agreed period (5 years)  | The right to make decisions on dividend policies within   |
| Default Put Option                    | In the event of a serious violation<br>of a specific obligation clause<br>agreed with Investor for a<br>deliberate and malicious purpose   | The right to sell the investors shares to the largest shareholder at an amount amount calculated by applying 10% annual interest rate based on IRR for the investment principal (\text{\psi}1,091,948 million). |

SKInnovation Co., Ltd., the Company's subsidiary, has signed a shareholders' agreement with investors related to shares newly issued through the paid-in capital increase of its subsidiary, SK ON Co., Ltd. The agreement between the largest shareholder, SK Innovation Co., Ltd., and investors includes the following key terms:

- Investor's tag-along right
- Investor's drag-along right and largest shareholder's call option responding to drag-along right exercised by investors
- Investor's put option
- Restriction on disposal of shares of the largest shareholder under certain conditions.

Put option

Details of rights granted to investor are as follows:

| Description      | Conditions  | Rights  |
|------------------|---|---|
| Tag-along right  | In the case of transferring all or part of the shares held by the largest shareholder   | Investors may sell their own shares on the same conditions as the largest shareholder.                            |
| Drag-along right | When a qualified listing requiring certain conditions, such as 7.5% or higher IRR, is not completed within 4 years of agreement period (which can be extended twice by one year, respectively). | Investors may request<br>the largest shareholder<br>to sell its shares<br>along with shares held by<br>investors. |

In the event of a serious violation

deliberate and malicious purpose

of a specific obligation clause

agreed with investors for a

Investors may sell their own

shareholder at the exercise

shares to the largest

price of the put option for the investment principal

(₩824,329 million).

The Group recognized  $\ensuremath{\mathbb{W}}$  140,462 million of derivative liabilities for rights included in the shareholders' agreement above, such as the investor's drag-along rights and the largest shareholder's call option.

SK Battery America Inc., a subsidiary, has signed a project agreement with Jackson County Industrial Development Authority and the Georgia Department of Economic Development (hereinafter referred to as "contract") to provide incentives such as property tax reduction. Under the contract, SK Battery America, Inc. transferred legal ownership of assets subject to property tax reduction to state agencies and received bonds issued by state agencies. The Group recognized the bonds and financial liabilities generated in the transaction as net amounts as they meet the offsetting criteria of KIFRS 1032, and the amount of bonds and financial liabilities set off as of December 31, 2022 is USD 2,887 million, and the book value after offset is \$%0.

21) SK Telecom Co., Ltd., a subsidiary of the Group, sells its mobile handsets to customers on an installment payment plan through agents. SK Telecom Co., Ltd. entered into transfer agreements with the agents for the receivables of handset's installment payments, under which all the rights and obligations of the receivables are transferred to SK Telecom Co., Ltd. Then, SK Telecom Co., Ltd. entered into an asset securitization contract with a special purpose Company for the receivables, and accordingly, the balance of the receivables which is recorded as other receivables and long-term other receivables as of December 31, 2022 and December 31, 2021 is \#357,467 million and \#493,277 million, respectively.

- 22) SK Telecom Co., Ltd., a subsidiary, decided to purchase and sell shares to strengthen strategic cooperation with Hana Financial Group at its board of directors meeting on July 22, 2022. According to the resolution, on July 27, 2022, SK Telecom Co., Ltd. sold all of Hana Card Co., Ltd.'s common shares (39,902,323 shares) and Finnq Inc.'s common shares (6,370,000 shares) to Hana Financial Group Inc. for \(\pmax330,032\) million and \(\pmax5,733\) million, respectively. By the agreement with Hana Financial Group Inc., SK Telecom Co., Ltd. is obligated to purchase Hana Financial Group Inc.'s common shares from July 27, 2022 to January 31, 2024, after depositing \(\pmax330,032\) million in a specific money trust and has completed the purchase during the year ended December 31, 2022. As part of the above transaction, SK Telecom Co., Ltd. sold all of its common shares (767,011 shares) in SK Square to Hana Card Co., Ltd. for \(\pmax31,563\) million on July 27, 2022, and Hana Card Co., Ltd. is obligated to purchase SK Telecom Co., Ltd.'s common shares from July 27, 2022 to January 31, 2024 after depositing \(\pmax68,437\) million in a specific money trust. The shares acquired by SK Telecom Co., Ltd., Hana Financial Group Inc. and Hana Card Co., Ltd. cannot be sold until the end of March 2025.
- 23) SK Siltron Co., Ltd., a subsidiary, acquired redeemable convertible preferred shares from Korea Credit Guarantee Fund for the current period in connection with the acquisition of shares in Terraon Co., Ltd., a subsidiary investment. Depending on the nature of the financial instrument, the Group has the option to convert 9,740 shares of Terraon Co., Ltd. into common shares, and the duration is 10 years from the date of issuance and can be exercised until November 18, 2030.
- 24) SK ecoplant Co., Ltd., a subsidiary, settles the trade payables arising from main business activities by the arrangement for corporate purchase only card entered into with some financial institutions, and the payment is made to the credit card company at the end of the credit offering period. As of December 31, 2022, there are no related outstanding payables.
- 25) SK Ecoplant Co., Ltd., a Subsidiary, holds call options for shares held by non-controlling shareholders of its subsidiary, Eco Frontier PTE. LTD., and has signed a shareholders' agreement prescribing that when SK Ecoplant Co., Ltd. does not excercis the call option and non-controlling shareholders sell their shares to the third party, the difference between the exercise price of call option and sale price of non-controlling shareholders' share shall be preserved.
- 26) In February 2019, SK Biopharmaceuticals Co., Ltd., a subsidiary, signed a technology transfer contract with the European-based entity, Arvelle Therapeutics International GmbH (formerly Arvelle Therapeutics GmbH), in order to grant the exclusive rights of Cenobamate, an epilepsy treatment, in Europe. At the time of signing the technology transfer contract, SK Biopharmaceuticals Co., Ltd. received an Upfront Payment of USD 100,000,000 and recognized as a profit at the time of the receipt. In addition, in March 2021, the Milestone Payment of USD 110,000,000 was recognized as a profit at the time of notification of the permit in accordance with the marketing permission of European regulators (March 30, 2021). Following the merger of Arvelle Therapeutics International GmbH and Angelini Pharma S.p.A. in December 2022, the counterparty to the technology transfer agreement has changed and the terms of the agreement remain unchanged. When the terms under the agreement are fulfilled in future periods, additional Milestone Payment of up to USD 320,000,000 will be recognized.

In October 2020, SK Biopharmaceuticals Co., Ltd. signed a technology transfer contract with Ono Pharmaceutical Co., Ltd., an entity located in Japan, in order to grant the exclusive rights of Cenobamate in Japan and received an upfront payment of JPY 5,000,000,000. The upfront payment is recognized as a profit by allocating the amount in a reasonable way according to the contract. When the rights are approved by the Japanese regulator and succeed in commercializing in the future, SK Biopharmaceuticals Co., Ltd. will recognize the Milestone Payments of up to JPY 48,100,000,000 as a profit.

27) During November 2021, SK Biopharm Co., Ltd., a subsidiary, signed a license agreement to grant commercialization rights for nine new drugs, including Ignis Theraputics and Cenobamate in the Cayman Islands (China, Hong Kong, Macau, Taiwan), and received USD 20,000,000 in cash and 150 million preferred shares (USD 150,000,000). In the case of the down payment, the intellectual property right transfer fee and the clinical trial obligation were allocated, and the intellectual property right recognizes revenue at once with the license, and the completion of the service over the expected period of service. In the event licensing and commercialization is achieved, up to USD 15,000,000 Milestone Payment and Royalty Payment may be recognized.

In addition, during December 2021, a technology transfer agreement with Endo Ventures Limited was entered into in Canada to grant exclusive rights of Cenobamate in Canada and a down payment of USD 20,000,000 was received. The down payment was recognized as revenue at the same time as the right-of-use for intellectual property rights, and the maximum amount of milestone payment of CAD 21,000,000 may be recognized as revenue under the permission and commercialization of Canadian regulators in the future.

28) SK Biopharmaceuticals Co., Ltd., a subsidiary, signed a technology transfer contract with DEXCEL LTD. in Israel in May 2022 to grant exclusive rights of Cenobamate in Israel and Palestine (West bank, including Gaza district), and received a deposit of USD 3,000,000(Upfront Payment), which has been allocated to the transfer consideration of intellectual property right and performance obligation of supplying semi-finished product at no cost. Revenue will be recognized for intellectual property right as right-of-use asset at a point in time and the revenue for semi-finished product will be recognized at the time of supply.

In addition, in July 2022, SK Biopharmaceuticals Co., Ltd., a subsidiary, signed a technology transfer agreement with Eurofarma Laboratorios S.A. based in Brazil to grant exclusive rights of Cenobamate in 17 Latin American countries, including Brazil and Mexico, and received an upfront payment of USD 15,000,000. The upfront payment has been recognized at a point in time, considering the right-of-use for the intellectual property rights. In the future, Milestone Payments of up to USD 47,000,000 shall be recognized as revenue if the terms of the agreement are satisfied, such as permission by regulators and commercialization in Brazil and Mexico.

29) SK Biopharmaceuticals Co., Ltd., a subsidiary, is a limited partner in the LifeSci Venture Partners Fund in the United States. As of December 31, 2022, investments in the fund amount to USD 8,926,355 (investments in money: USD 7,781,455, revenue distributions reinvested: USD 1,144,900), and the investment period agreed between the parties has ended, but additional investments can be made up to USD 1,800,000 for subsequent investments in existing investments.

## (5) Hybrid bonds

Details of hybrid bonds as of December 31, 2022 and 2021 are as follows (Korean won in millions):

|                           |   |            |               |               | For the ye   | ars ended    |
|---------------------------|---|------------|---------------|---------------|--------------|--------------|
|                           |   |            | Maturity date | Interest      | December 31, | December 31, |
| Issue segment             | <u>Description</u>                            | Issue date | (*1)          | rate (%) (*2) | 2022         | 2021         |
| Group of SK<br>Innovation | 1st private equity bond type                  | 2019.03.15 | 2049.03.15    | 4.20          | ₩ 600,000    | ₩ 600,000    |
| Group of SK<br>Telecom    | 2-1 private                                   | 2018.06.07 | 2078.06.07    | 3.70          | 300,000      | 300,000      |
| reiecom                   | equity bond type 2-2 private equity bond type | 2018.06.07 | 2078.06.07    | 3.65          | 100,000      | 100,000      |
| Group of SK E&S           | 2nd Korean currency type                      | 2019.10.11 | 2049.10.11    | 3.30          | 330,000      | 330,000      |
|                           | 3rd Korean currency type                      | 2020.07.14 | 2050.07.14    | 3.60          | 400,000      | 400,000      |

<sup>(\*1)</sup> The issuing company may decide on early repayment and extension of maturity date when certain period is lapsed.

## (6) Others

As of December 31, 2022, 43 notes (including 41 blank notes) and 74 checks (including 73 blank checks) are provided to financial institutions as collateral for borrowings.

<sup>(\*2)</sup> After a certain period from the issue date, the interest rate will fluctuate in accordance with the contract.

## 35. Pledged assets

The following assets were pledged as collateral for the Group's borrowings and others as of December 31, 2022 (Korean won in millions and foreign currencies in thousands):

|   |   |            | Collateralized    |   |  |
|---|---|------------|-------------------|---|--|
| Company   | Asset   | Currency   | amount (*1)       | Provided to   | Description  |
| SK Innovation Co., Ltd.                                       | Investments in associates                                   | KRW        | -                 | Yemen LNG Company   | Collateral for project                                 |
| Natural Ca. Ltd   | Dranarty plant and assignment                               | KDW        | 4 500             | and others  | financing  |
| Netruck Co., Ltd.<br>Won Poll Co., Ltd.                       | Property, plant and equipment Property, plant and equipment | KRW<br>KRW | 4,500<br>3,360    | Shinhan Bank<br>Shinhan Bank                                  | Collateral for borrowing<br>Collateral for borrowing   |
| Wolf Foll Co., Ltd.   | Financial instruction                                       | KRW        | 430               | Shinhan Bank  | Collateral for borrowing                               |
| SK Broadband Co., Ltd.  | Property, plant and equipment                               | KRW        | 1,513             | Industrial Bank of Korea                                      | Restricted real rights for                             |
|   | 1 2/1   |            | ,-                | and others  | office lease   |
| Panasia Semiconductor   | Investment securities                                       | KRW        | 21,981            |   | Collateral for borrowing                               |
| Materials, LLC  | Einangial instruction                                       | KRW        | 24.021            | and others  | Dorformanaa guarantaaa                                 |
| Incross Co., Ltd.   | Financial instruction                                       | KKVV       | 24,921            | Naver Co., Ltd. and others                                    | Performance guarantees<br>for contract                 |
| One store Co., Ltd.   | Investment property   | KRW        | 612               | Shinhan Bank  | Collateral for borrowing                               |
| SK Networks Co., Ltd.   | Property, plant and equipment                               | KRW        | 390,526           | Korea Development Bank  | Collateral for sales                                   |
|   | and others  |            |                   | and others  | and others   |
| SK Magic Co., Ltd.  | Property, plant and equipment                               | KRW        | 96,000            | Korea Development Bank  | Collateral for borrowing                               |
| SK Rent-a-Car Co., Ltd.                                       | Property, plant and equipment                               | KRW        | 287,876           | Korea Development Bank<br>and others                          | Collateral for borrowing                               |
|   | Financial instruction                                       | KRW        | 300               | Kodit 2022 the 5 <sup>th</sup> Securitization                 | Collateral for borrowing                               |
|   | i manola modadion   |            | 000               | Specialty Co., Ltd.   | Condition to Domesting                                 |
|   |   | KRW        | 300               | Kodit Global 2022-1 Co., Ltd.                                 | Collateral for borrowing                               |
| SKC Solmics Co., Ltd.   | Property, plant and equipment                               | KRW        | 91,100            | Korea Development Bank  | Collateral for borrowing                               |
| SK pucore Co., Ltd.   | Property, plant and equipment                               | KRW        | 63,349            | Korea Development Bank  | Collateral for borrowing                               |
| SKCFTH Co., Ltd.  | Investment subsidiaries                                     | KRW        | 828,000           | and others<br>Korea Development Bank                          | Collateral for stock                                   |
| SKCI III Co., Ltd.  | investment subsidiaries                                     | KIXVV      | 020,000           | and others  | Collateral for Stock                                   |
| SK Nexilis Co., Ltd.  | Property, plant and equipment                               | KRW        | 396,000           | Korea Development Bank  | Collateral for borrowing                               |
| - ,   | 1 2/1   |            | ,                 | and others  | 3  |
|   | Investment subsidiaries                                     | KRW        | 240,570           | Korea Development Bank  | Collateral for stock                                   |
| 01/ 010 01 1 10 111   | 5   | 145044     | 20.000            | and others  | 0 11 11 11 1   |
| SK PIC Global Co., Ltd.<br>SKC, Inc.                          | Property, plant and equipment<br>Financial instruction      | KRW<br>KRW | 33,600<br>166,000 | Korea Development Bank<br>KEB Hana Bank                       | Collateral for borrowing<br>Collateral for pledging    |
| SKC, IIIC.  | Financial instruction                                       | KKVV       | 100,000           | NED Halla Balik   | and others   |
| SK E&S Co., Ltd.  | Investments in subsidiaries                                 | KRW        | 470,000           | Korea Development Bank  | Collateral for PF                                      |
|   |   |            | -,                | and others  |  |
|   |   | VND        | 1,059,599,930     | Joint Stock Commercial Bank                                   | Collateral for PF                                      |
|   | I   | KDW        | 470.000           | For Foreign Trade of Vietnam                                  | O-11-416DE   |
|   | Investments in joint ventures                               | KRW        | 179,220           | Korea Development Bank<br>and others                          | Collateral for PF                                      |
|   |   | USD        | 14,000            | BANGKOK BANK PUBLIC   | Collateral for PF                                      |
|   |   | 005        | 14,000            | COMPANY LIMITED   | Conditional for the                                    |
|   | Investments in associates                                   | KRW        | 18,621            | Industrial Bank of Korea                                      | Collateral for PF                                      |
|   |   |            |                   | and others  |  |
| Ko-one energy service Co., Ltd.                               | Investments in associates                                   | KRW        | 2,711             | Kookmin Bank and others                                       | Collateral for PF                                      |
| (formerly, Daehan City Gas Co., Ltd.)                         |   |            |                   |   |  |
| New Renewable Energy  | Investments in the application                              | VND        | 1,042,074,648     | Joint Stock Commercial Bank                                   | Collateral for PF                                      |
| No.1 JSC  | of equity method  |            | , , , , , , ,     | For Foreign Trade of Vietnam                                  |  |
| Pusan City Gas Co., Ltd.                                      | Investments in associates                                   | KRW        | 5,645             | Shinhan Bank and others                                       | Collateral for PF                                      |
| D: 5 0 : 0 !!!  | Investment property   | KRW        | 3,840             | Megamart Co., Ltd. and others                                 | Leasehold deposits                                     |
| Paju Energy Service Co., Ltd.<br>Chonnam City Gas Co., Ltd.   | Property, plant and equipment Property, plant and equipment | KRW<br>KRW | 360,000<br>81     | Kookmin Bank and others<br>LG Hello Vision Co., Ltd.          | Collateral for borrowing<br>Collateral for deposits    |
| Chomiani City Gas Co., Etc.                                   | Property, plant and equipment                               | KIXVV      | 01                | EG Hello Vision Co., Eta.                                     | received   |
| Narae Energy Service Co., Ltd.                                | Property, plant and equipment                               | KRW        | 505,000           | Korea Development Bank  | Collateral for borrowing                               |
| 3,  | and others  |            | ,                 | and others  | 3  |
| Yeoju Energy Service Co., Ltd.                                | Property, plant and equipment                               | KRW        | 601,200           | Korea Development Bank  | Collateral for PF                                      |
| December 1  | December of such and a minute of                            | KDW        | 400.000           | and others  | 0-11-41-61   |
| Busan Jungkwan<br>Energy Co., Ltd.                            | Property, plant and equipment                               | KRW        | 100,800           | NH Bank and others  | Collateral for borrowing                               |
| IGE Co., Ltd.   | Property, plant and equipment                               | KRW        | 493,800           | Korea Development Bank  | Collateral for borrowing                               |
| 10L 00., Ltd.   | and others  | 14.44      | 400,000           | Rorda Bevelopment Bank  | Conditional for borrowing                              |
| Key Capture Energy, LLC.                                      | Financial instruction                                       | USD        | 99,605            | CIT/RABOBANK/SIEMENS  | Collateral for   |
|   |   |            |                   |   | service use  |
| SK Ecoplant Co., Ltd.   | Investment securities and others                            | KRW        | 226,658           | CAPE Investment & Securities                                  | Collateral for borrowing                               |
|   | Investments in subsidiaries                                 | KRW        | 1,369,343         | Co., Ltd. and others<br>Korea Development Bank                | and others<br>Collateral for borrowing                 |
|   | invesiments in subsidiaries                                 | KKVV       | 1,309,343         | and others  | Collateral for borrowing                               |
| Seongju Tech Co., Ltd.  | Property, plant and equipment                               | KRW        | 10,206            | Woori Bank  | Collateral for borrowing                               |
| DDS Co., Ltd.   | Property, plant and equipment                               | KRW        | 3,000             | Korea Development Bank  | Collateral for borrowing                               |
| Samwon ENT Co., Ltd.  | Others  | KRW        | 58,800            | KB Securities   | A pledge of insurance                                  |
| D   | December of such and a main manual                          | KDW        | F 000             | K DI DI-  | and others   |
| Daewon Green Energy Co., Ltd.<br>Green Environment Technology |   | KRW        | 5,280             | Korea Development Bank  | Collateral for borrowing                               |
| Co., Ltd.   | Property, plant and equipment                               | KRW        | 9,600             | Korea Development Bank  | Collateral for borrowing                               |
| JA Green Co., Ltd.  | Property, plant and equipment                               | KRW        | 14,400            | Kyungnam Bank   | Collateral for borrowing                               |
| DY Indus Co., Ltd.  | Property, plant and equipment                               | KRW        | 6,222             | Industrial Bank of Korea                                      | Collateral for borrowing                               |
| DY Polymer Co., Ltd.  | Property, plant and equipment                               | KRW        | 3,800             | Industrial Bank of Korea                                      | Collateral for borrowing                               |
| SK Oceanplant Co., Ltd.                                       | Property, plant and equipment                               | KRW        | 228,980           | Industrial Bank of Korea and other                            |  |
|   | Financial instruction Financial instruction and others      | KRW<br>USD | 35,229<br>555     | Industrial Bank of Korea and other<br>Shinhan Bank and others | s Collateral for borrowing<br>Collateral for guarantee |
|   | i manciai instruction and others                            | บอบ        | 555               | Gillinian Dank and Others                                     | and others   |
|   | Debt instrument   | KRW        | 7,578             | Korea Defense Guarantee                                       | Collateral for guarantee                               |
|   |   |            |                   | Cooperative and others  | ·  |
|   | Others  | KRW        | 93,466            | Seoul Guarantee Insurance                                     | Insurance pledge                                       |
|   |   |            |                   |   | and others   |
|   |   |            |                   |   |  |

## 35. Pledged assets (cont'd)

|  |  |          | Collateralized |   |  |
|--|--|----------|----------------|---|--|
| Company                                      | Asset                                    | Currency | amount (*1)    | Provided to   | Description  |
| Environment Management                       | Property, plant and equipment            | KRW      | 33,973         | KEB Hana Bank and others                                  | Collateral for borrowing                                 |
| Corporation Co., Ltd                         | Investments in subsidiaries              | KRW      | 529,311        | Korea Development Bank<br>and others                      | Collateral for borrowing                                 |
|  | Investment securities and others         | KRW      | 10,470         | Industrial Bank of Korea and others                       | Collateral for borrowing                                 |
|  | Others                                   | KRW      | 1,485,616      | KEB Hana Bank and others                                  | Establishing pledge and others                           |
| SK Industrial Development<br>China Co., Ltd. | Others                                   | CNY      | 2,000,000      | Bank of China communications                              | Collateral for borrowing                                 |
| SK Specialty Co., Ltd.                       | Property, plant and equipment            | KRW      | 137,000        | Korea Development Bank                                    | Collateral for borrowing                                 |
| •  |  | USD      | 3,500          | Korea Development Bank                                    | Collateral for borrowing                                 |
|  |  | JPY      | 3,690,000      | Korea Development Bank                                    | Collateral for borrowing                                 |
|  |  | KRW      | 1,668          | Yeongju city and<br>Gyeongsang Buk-do                     | Government subsidy                                       |
|  | Financial instruction                    | KRW      | 60             | Kodit 2022 the 9th Securitization<br>Specialty Co., Ltd.  | Collateral for borrowing                                 |
|  |  | KRW      | 75             | Kodit 2022 the 10th Securitization<br>Specialty Co., Ltd. | Collateral for borrowing                                 |
|  |  | KRW      | 165            | Kodit Global 2022-1 Co., Ltd.                             | Collateral for borrowing                                 |
| SK Specialty Japan Co., Ltd.                 | Property, plant and equipment            | JPY      | 315,000        | MUFG Bank   | Collateral for borrowing                                 |
| SK Materials Airplus Inc.                    | Property, plant and equipment            | KRW      | 60.000         | Kyungnam Bank and others                                  | Collateral for borrowing                                 |
| SK Tri Chem Co., Ltd.                        | Property, plant and equipment            | KRW      | 3,692          | Sejong City   | Local investment promotion<br>subsidy support collateral |
| SK Resonac Corporation                       | Property, plant and equipment            | KRW      | 30,000         | Korea Development Bank                                    | Collateral for borrowing                                 |
| SK Siltron Co., Ltd.                         | Property, plant and equipment and others | KRW      | 529,672        | Korea Development Bank and others                         | Collateral for borrowing                                 |
| SK Biotek Co., Ltd.                          | Property, plant and equipment            | KRW      | 90.000         | Korea Development Bank                                    | Collateral for borrowing                                 |
| Hweechan Co., Ltd.                           | Property, plant and equipment            | KRW      | 13,440         | KEB Hana Bank   | Collateral for borrowing                                 |
| SK REITs Co., Ltd.                           | Investment property                      | KRW      | 1.147.466      | The lender and the lessor                                 | Collateral for borrowing                                 |
| Clean Energy REITs<br>Co., Ltd.              | Investment property                      | KRW      | 572,314        | The lender and the lessor                                 | Collateral for borrowing                                 |
| SK China Company, Ltd.                       | Financial instruction                    | USD      | 2,600          | Kookmin Bank (Beijing)                                    | Collateral for<br>Subsidiary stake sale                  |
| SK South East Asia<br>Investment Pte, Ltd.   | Property, plant and equipment and others | VND      | 236,214,010    | ADB and Vietcombank                                       | Collateral for borrowing and others                      |
| Yespowertechnix                              | Property, plant and equipment            | KRW      | 1.320          | Industrial Bank of Korea                                  | Collateral for borrowing                                 |
| SK Materials Performance                     | Property, plant and equipment            | KRW      | 16,650         | Korea Development Bank                                    | Collateral for borrowing                                 |
| Co., Ltd.                                    | . 2/1                                    |          | -,             | •   | .9   |
| Total Value 1 REITs<br>Co., Ltd.             | Investment property                      | KRW      | 315,601        | The lender and the lessor                                 | Collateral for borrowing                                 |

(\*1) The carrying amount of securities provided as collaterals for PF loans and facility borrowings are included.

SK Sheildus Co., Ltd., a subsidiary, provides its shares in Capstec Co., Ltd. as collateral for its long-term borrowing of \$1,713,291 million.

Tmap Mobility Co., Ltd., a subsidiary, has signed a stock pledge establishment contract with the seller in connection with the acquisition of common shares of Seoul Airbus Co., Ltd. The seller has established the shares equivalent to 20% of the total number of shares issued by Seoul Airbus Co., Ltd. as the first priority in order to secure all debts to be borne in the future under Tmap Mobility Co., Ltd.'s stock trading contract and shareholder contract.

## 36. Guarantees provided among the Group entities

Guarantees provided among the Group entities as of December 31, 2022 are as follows (Korean won in millions and foreign currencies in thousands):

| Guarantor                   | Guarantee  | Currency | Amount     | Description of guarantee                      |
|-----------------------------|--|----------|------------|---|
| SK Inc.                     | Abrasax Investment Inc.                                    | USD      | 315,000    | Cash deficiency support of debt               |
|                             | Hudson Energy NY, LLC                                      | USD      | 226,000    | Cash deficiency support of debt               |
| SK Innovation Co., Ltd.     | SK Battery America, Inc.                                   | USD      | 1,670,000  | Guarantee of debt                             |
|                             | SK On Hungary Kft.   | USD      | 250,000    | Guarantee of debt                             |
|                             | SK Hi-tech Battery Materials                               | USD      | 5,000      | Guarantee of debt                             |
|                             | (Jiangsu) Co., Ltd.  | OOD      | 3,000      | Guarantee of debt                             |
|                             | BlueOval SK, LLC   | USD      | 125,000    | Guarantee of debt                             |
|                             |  | USD      | 500,000    | Guarantee of debt                             |
|                             | SK Battery Manufacturing Kft.                              |          |            |   |
|                             |  | HUF      | 34,194,000 |   |
|                             | BlueOval SK, LLC and others                                | USD      | 6,600,000  | Performance guarantees for invest             |
|                             |  | USD      | 7,000,000  | Performance guarantees for contract           |
|                             | SK Earthon Co., Ltd.                                       | USD      | 34,000     | Guarantee of mandatory work load              |
| SK Innovation Co., Ltd. and | SK On Hungary Kft.   | HUF      | 9,810,000  | Guarantee of local factory construction       |
| SK On Co., Ltd.             |  |          |            |   |
| SK Geo Centric Co., Ltd.    | SK Global Chemical Americas, Inc.                          | USD      | 160,000    | Guarantee of payment for principal of debt    |
|                             | SK Functional Polymer, S.A.S                               | EUR      | 181,000    | Guarantee of payment for principal of debt    |
| SK ie technology Co., Ltd.  | SK Hi-Tech Battery Materials(Jiang Su)                     | CNY      | 1,180,000  | Guarantee of debt                             |
| •                           | Co., Ltd.  |          |            |   |
|                             | SK hi-tech battery materials Poland                        | USD      | 369,200    | Guarantee of debt                             |
|                             | sp. z o.o.   |          | ,          | <del> </del>                                  |
| SK Networks Co., Ltd.       | SK Networks Hong Kong Ltd.                                 | USD      | 90,600     | Standing surety for investee                  |
| OK NELWORKS CO., Etc.       | SK Networks (Shanghai) Co., Ltd.                           | USD      | 12.000     | Standing surety for investee                  |
|                             | SK Networks (Shanghar) Co., Ltd.                           |          |            |   |
|                             | OK N-+   | CNY      | 54,000     | Standing surety for investee                  |
|                             | SK Networks (Xiamen) Steel Processing Center               | CNY      | 68,000     | Standing surety for investee                  |
|                             | Co., Ltd.  |          |            |   |
| SKC Co., Ltd.               | SK Telesys Co., Ltd.                                       | KRW      | 10,000     | Guarantee of corporate bond                   |
|                             | SKC (Natong) PU Specialty Co., Ltd.                        | CNY      | 110,700    | Guarantee of payment                          |
|                             |  | USD      | 7,000      | Guarantee of payment                          |
|                             | SKC (Natong) Semiconductor Materials                       | USD      | 4,680      | Guarantee of payment                          |
|                             | Technology Co., Ltd.                                       |          |            |   |
| SK E&S Co., Ltd.            | LNG Americas, Inc.   | USD      | 210,000    | Guarantee for derivative hedge and others     |
| ,                           | (formerly, CAILIP Gas Marketing, LLC)                      |          | .,         | · ·   |
|                             | Paju Energy Service Co., Ltd.                              | KRW      | 350,000    | Guarantee of debt                             |
|                             | Narae Energy Service Co., Ltd.                             | KRW      | 270,000    | Guarantee of debt                             |
|                             | Yeoju Energy Service Co., Ltd.                             | KRW      | 200,000    | Guarantee of debt                             |
|                             | Prism Energy International Pte. Ltd.                       |          |            |   |
|                             |  | USD      | 761,000    | Guarantee for derivative hedge and others     |
|                             | LNG Americas, Inc.   | USD      | 99,000     | Guarantee for derivative hedge and others     |
|                             | (formerly, LAI LNG, LLC)                                   |          |            |   |
|                             | IGE Co., Ltd.  | KRW      | 130,000    | Guarantee of debt                             |
|                             | BU12 Australia Pty. Ltd.,                                  | USD      | 306,650    | Guarantee for BU gas field recovery cost      |
|                             | BU13 Australia Pty. Ltd.                                   |          |            |   |
|                             | New Renewable Energy No.1                                  | USD      | 20,000     | Guarantee of debt                             |
|                             | Joint Stock Company  |          |            |   |
| SK E&S Americas, Inc.       | LNG Americas, Inc.   | USD      | 40,000     | Performance guarantee for contract and others |
|                             | (formerly, CAILIP Gas Marketing, LLC)                      |          |            | •   |
|                             | GridSolutionII, LLC  | USD      | 100.000    | Performance guarantee for contract            |
|                             | LNG Americas, Inc.   | USD      | 14,342     |   |
|                             | (formerly, LAI LNG, LLC)                                   |          | ,=         |   |
|                             | PassKey, Inc.  | USD      | 52,313     | Performance guarantee for contract            |
| SK Ecoplant Co., Ltd.       | SKEC Anadolu, LLC  | EUR      | 30,666     | Performance guarantee for contract and others |
| SK Ecopiani Co., Etc.       | Silvertown Investco Co., Ltd.                              | GBP      | 10,671     | Guarantee of financial obligation             |
|                             |  |          |            |   |
|                             | Sunlake Co., Ltd.  | CAD      | 6,000      | Guarantee of financial obligation             |
|                             | SK E&C Betek Corporation                                   | USD      | 108,500    | Guarantee of financial obligation             |
|                             | Environment Management                                     | KRW      | 46,413     | Fund supplement agreement for loan agreement  |
|                             | Corporation Co., Ltd.                                      |          |            |   |
|                             | Samwon ENT Co., Ltd.                                       | KRW      | 85,000     | Conditional debt acquisition                  |
|                             | Eco Frontier (Singapore) Pte. Ltd.                         | USD      | 420,000    | Guarantee of payment and others               |
|                             | SK Oceanplant Co., Ltd.                                    | KRW      | 58,203     | Guarantee of payment and others               |
| Environment Management      | Gyeongsan Clean Water Way Co., Ltd.                        | KRW      | 8,200      | Guarantee of debt and others                  |
| Corporation Co., Ltd        | Dalseong Maleunmulgil Co., Ltd.                            | KRW      | 3,200      | Guarantee of debt and others                  |
| •                           | Honam Environment Energey Co., Ltd.                        | KRW      | 4.920      | Guarantee of deb                              |
| SK Oceanplant Co., Ltd.     | SAM KANG S&C Co., Ltd.                                     | KRW      | 76.910     | Guarantee of debt                             |
| SK Specialty Co., Ltd.      | SK Specialty Jiangsu Co., Ltd.                             | USD      | 26,000     |   |
| S. C. Spoolally Co., Etc.   | SK Specialty Taiwan Co., Ltd.                              | USD      | 2,000      | Guarantee of debt                             |
|                             | SK Specialty Japan Co., Ltd.                               | JPY      | 276,000    | Guarantee of debt                             |
| SK Biotok Co. 114           | SK Specially Japan Co., Ltd.<br>SK Biotek Ireland Limited. |          |            |   |
| SK Biotek Co., Ltd.         | ON DIOLEK ITEIANU LIMILEU.                                 | USD      | 30,000     | Guarantee for credit limit                    |
| CI/ Ciltura Co. I tel       | CK Ciltron CCC LLC   | EUR      | 10,000     | Performance guarantees                        |
| SK Siltron Co., Ltd.        | SK Siltron CSS, LLC  | USD      | 133,000    | Guarantee of debt                             |

#### 37. Deposits restricted in use

Deposits restricted in use as of December 31, 2022 and 2021 are as follows (Korean won in millions):

| Account                          | Classification                                    | Institution  | De | ecember 31,<br>2022 | D | ecember 31,<br>2021 | Description of restriction       |
|----------------------------------|---|--|----|---------------------|---|---------------------|----------------------------------|
| Cash and cash equivalents        | Borrowing-related pledge establishment and others | KB Securities and others                           | ₩  | 43,175              | ₩ | 2,017               | Pledged on collateral and others |
| Short-term financial instruments | Charitable fund<br>and others                     | Industrial Bank of Korea and others                |    | 432,267             |   | 189,146             | Money on deposits and others     |
| Long-term financial instruments  | CO2 emission<br>allowances fund<br>and others     | Samsung Securities<br>and others                   |    | 105,190             |   | 38,548              | Money on deposits<br>and others  |
| Others                           | Refund guarantee and others                       | Korea Software Financial<br>Cooperative and others | ₩  | 3,917<br>584,549    | ₩ | 3,853<br>233,564    | Deposits and others              |

#### 38. Financial risk management

Regarding financial instruments, the Group is exposed to a variety of financial risks: credit, liquidity and market. This note presents information related to risk exposures of the Group and the main objective, strategy, evaluation of risk, management process and capital management. Additional quantitative information is stated throughout the condensed consolidated financial statements.

#### 38.1 Financial risk management

#### 38.1.1 Risk management activities

The board of directors has overall responsibility for the establishment and oversight of the Group's risk management framework. The board of directors has established the risk management committee, which is responsible for developing and monitoring the Group's risk management policies. The risk management committee reports regularly to the board of directors on its activities. The Group audit committee is assisted in its oversight role by internal audit.

Internal audit undertakes both regular and ad hoc reviews of risk management controls and procedures, the results of which are reported to the Group audit committee. The Group's risk management policies are established to identify and analyze the risks faced by the Group, to set appropriate risk limits and controls and to monitor risks and adherence to limits. Risk management policies and systems are reviewed regularly to reflect changes in market conditions and the Group's activities. The Group, through its training and management standards and procedures, aims to develop a disciplined and constructive control environment in which all employees understand their roles and obligations.

## 38.1.2 Credit risk

Credit risk is the risk of financial loss of the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations. In addition, the maximum exposure to credit risk as of December 31, 2022 and 2021 is as follows (Korean won in millions):

|   |   | December 31, 2022 | D. | ecember 31, 2021 |
|---|---|-------------------|----|------------------|
| Financial assets measured at FVTPL            | ₩ | 9,121,159         | ₩  | 10,871,691       |
| Financial assets measured at FVOCI            |   | 663               |    | 7,799            |
| Financial assets measured at amortized cost   |   | 38,367,580        |    | 25,365,205       |
| Derivatives designated as hedging instruments |   | 563,170           |    | 263,779          |
|   | ₩ | 48,052,572        | ₩  | 36,508,474       |

On the other hand, the Group has provided payment guarantees for others including related parties, associates and others. The Group, due to its payment guarantees, is exposed to credit risk (See Note 34).

#### 38.1.2.1 Trade and other receivables

The Group enters into transactions only with customers that are credit worthy. Credit quality of a customer is assessed based on an extensive credit rating scored and individual credit limits are defined in accordance with this assessment. Outstanding customer receivables are regularly monitored and credit quality may be adjusted to reflect the appropriate appetite of credit risk in accordance with the Group's risk management policies.

The Group applies a simplification method that recognizes lifetime expected credit losses as a loss allowance for trade and other receivables. To measure expected credit losses, sales receivables and contract assets were divided based on credit risk characteristics and past due dates.

As of December 31, 2022 and 2021, the aging of trade receivables and other receivables for which a loss allowance has not been accrued, as the allowance is deemed to be recoverable from a customer or counterparty later although the amount is past due, are as follows (Korean won in millions):

|                      | Decembe           | r 31, 2022        | December 31, 2021 |                   |  |  |
|----------------------|-------------------|-------------------|-------------------|-------------------|--|--|
|                      | Trade receivables | Other receivables | Trade receivables | Other receivables |  |  |
| Less than one month  | ₩ 832,908         | ₩ 185,391         | ₩ 296,524         | ₩ 42,096          |  |  |
| One~three months     | 302,880           | 18,073            | 220,408           | 42,640            |  |  |
| Three~six months     | 289,265           | 17,120            | 97,056            | 42,822            |  |  |
| More than six months | 235,445           | 353,048           | 263,456           | 372,119           |  |  |
|                      | ₩ 1,660,498       | ₩ 573,632         | ₩ 877,444         | ₩ 499,677         |  |  |

Changes in the loss allowance on trade receivables and others for the years ended December 31, 2022 and 2021 are as follows (Korean won in millions):

|                   |   | For the ye        | ears ended        |
|-------------------|---|-------------------|-------------------|
|                   |   | December 31, 2022 | December 31, 2021 |
| Beginning balance | ₩ | 916,879           | ₩ 902,777         |
| Bad debt expense  |   | 82,489            | 93,158            |
| Write-off         |   | (119,587)         | (211,319)         |
| Others (*1)       |   | 577,792           | 132,263           |
| Ending balance    | ₩ | 1,457,573         | ₩ 916,879         |

(\*1) Others include net foreign currency translation differences, changes in the scope of consolidation and others.

## **38.1.2.2 Guarantee**

SK Ecoplant Co., Ltd., one of the subsidiaries, offers payment guarantees for loans of project financing. The financing liabilities related to the payment guarantees recognized are \$23,772 million as of December 31, 2022. The Group recognizes the financial guarantee liabilities related to the payment guarantees contracted with the Group, such as SK Ecoplant Co., Ltd., as of December 31, 2022 (Korean won in millions):

|                         | Decen                   | nber 31, 2022 |   | December 31, 2021 |
|-------------------------|-------------------------|---------------|---|-------------------|
| SK Innovation Co., Ltd. | ₩                       | 321           | ₩ | 1,137             |
| SK Ecoplant Co., Ltd.   |                         | 23,772        |   | 15,921            |
| SKC Co., Ltd.           |                         | 563           |   | -                 |
| SK Biotek Co., Ltd.     |                         | 237           |   | 472               |
| SK Resonac Corporation  |                         | 15            |   | 22                |
|                         | $\overline{\mathbb{W}}$ | 24,908        | ₩ | 17,552            |

In addition, the Group has provided payment guarantees for others, including subsidiaries and others. (See Notes 34 and 36).

#### 38.1.2.3 Other financial assets

Credit risk arising from other financial assets consists of long-term and short-term financial instruments, occurrence of trade opponent arising from the bankruptcy, etc. In this case, the credit risk exposure of the Group will be the same as the book value of the maximum applicable financial instruments. On the other hand, the management of the Group's credit rating, because it is excellent to deal with financial institutions, is judged to have limited impact on the credit risk of the financial institutions of the Group.

#### 38.1.3 Liquidity risk

Liquidity risk is the risk that the Group encounters difficulty in meeting the obligations of the financial liabilities. The Group's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Group's reputation.

The contractual maturity of financial liabilities as of December 31, 2022 is as follows. Amounts include interests paid and presented at gross amounts (Korean won in millions):

|                                  | Book value      | Contractual cash flow    | Less than<br>3 months | 3 ~ 12<br>months 1 | ~ 5 years  | More than 5 vears |
|----------------------------------|-----------------|--------------------------|-----------------------|--------------------|------------|-------------------|
| Borrowings                       | ₩ 38,609,196 ₩  | 40,839,226 ₩             | 6,719,801 ₩           | 14,814,754 ₩       | 16,395,073 | ₩ 2,909,598       |
| Bonds                            | 35,862,966      | 38,812,925               | 1,288,043             | 7,713,556          | 23,287,784 | 6,523,542         |
| Derivative financial liabilities | 581,365         | 581,365                  | 52,223                | 154,839            | 374,303    | -                 |
| Trade payables                   | 14,024,892      | 14,024,892               | 12,636,093            | 1,388,799          | -          | -                 |
| Lease liabilities                | 5,506,447       | 6,180,528                | 144,150               | 1,193,242          | 3,300,151  | 1,542,985         |
| Other liabilities                | 14,374,262      | 14,519,962               | 7,919,143             | 4,393,690          | 1,957,431  | 249,698           |
|                                  | ₩ 108,959,128 ₩ | 114,958,898 <del>₩</del> | 28,759,453 ₩          | 29,658,880 ₩       | 45,314,742 | ₩ 11,225,823      |

#### 38.1.4 Market risk

Market risk is the fluctuating risk in fair value of the financial instruments or future cash flows caused by the changes in market price. Market risk consists of currency risk, interest rate risk, crude oil and petroleum product price risk, and others. The fundamental goal of market price management is the maximization of the profit and the limit of the exposure to market risk within an acceptable level. The Group sells and purchases financial derivatives and financial instruments or financial liabilities for the purpose of controlling the market risk. In general, the Group applies hedge accounting in order to minimize the volatility of profit.

## 38.1.4.1 Currency risk

The Group is exposed to foreign currency risk arising from sales and purchases denominated in currencies other than functional currency. Main currencies used for these transactions are USD, JPY, CNY and EUR.

Details of foreign currencies and liabilities as of December 31, 2022 and 2021 are as follows (Korean won in millions and foreign currencies in thousands):

|             |          | December 31, 2022 |   | Decembe           | r 31,      | 2021 |            |
|-------------|----------|-------------------|---|-------------------|------------|------|------------|
|             | Currency | Foreign           |   | orean won         | Foreign    |      | Korean won |
|             | Currency | currencies        |   | <u>equivalent</u> | currencies |      | equivalent |
| Assets      | USD      | 10,858,465        | ₩ | 13,760,933        | 7,542,986  | ₩    | 8,942,210  |
|             | JPY      | 15,508,882        |   | 147,828           | 16,318,984 |      | 168,125    |
|             | CNY      | 2,467,000         |   | 447,612           | 2,468,361  |      | 459,757    |
|             | EUR      | 428,677           |   | 579,228           | 400,449    |      | 537,539    |
|             | Others   |                   |   | 851,123           |            |      | 912,134    |
|             |          |                   | ₩ | 15,786,724        |            | ₩    | 11,019,765 |
| Liabilities | USD      | 15,930,325        | ₩ | 20,188,501        | 11,908,339 | ₩    | 14,117,336 |
|             | JPY      | 18,068,553        |   | 172,226           | 10,970,493 |      | 113,022    |
|             | CNY      | 7,443,749         |   | 1,350,594         | 1,024,139  |      | 190,756    |
|             | EUR      | 427,227           |   | 577,269           | 167,922    |      | 225,408    |
|             | Others   |                   | - | 392,210           |            |      | 531,211    |
|             |          |                   | ₩ | 22,680,800        |            | ₩    | 15,177,733 |

Should the exchange rate of the aforementioned currencies fluctuate by 10%, the effects on equity would be as follows (Korean won in millions):

|     |  |   | Decembe         | er 31, 2022     | Decembe         | er 31, 2021 |
|-----|--|---|-----------------|-----------------|-----------------|-------------|
|     | Currency Increase by 10% Decrease by 1 |   | Decrease by 10% | Increase by 10% | Decrease by 10% |             |
| USD |  | ₩ | (642,757)       | ₩ 642,757       | ₩ (517,513)     | ₩ 517,513   |
| JPY |  |   | (2,440)         | 2,440           | 5,510           | (5,510)     |
| CNY |  |   | (90,298)        | 90,298          | 26,900          | (26,900)    |
| EUR |  |   | 196             | (196            | ) 31,213        | (31,213)    |

The Group is hedging currency risk by using derivative financial instruments such as currency swaps, currency forwards and others (See Note 21).

## 38.1.4.2 Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Group's exposure to the risk of changes in market interest rates relates primarily to the Group's long-term debt obligations with floating interest rates. As of December 31, 2022, floating-rate bonds payable and floating-rate borrowings are \(\pi\)14,769,154 million (December 31, 2021: \(\pi\)8,562,981 million). The Group's management has entered into the foreign currency swap and interest rate swap contracts to manage its interest rate risk (See Note 21).

When all other variables are fixed and the interest rates are changed for the years ended December 31, 2022 and 2021, the effects of interest expense by fluctuated interest-bearing loan are as follows (Korean won in millions):

|                   | For the years ended      |           |                          |   |        |  |  |  |  |  |
|-------------------|--------------------------|-----------|--------------------------|---|--------|--|--|--|--|--|
|                   | December 31,             | 2022      | December 31, 2021        |   |        |  |  |  |  |  |
| Interest expenses | 100 basis point increase | ₩ 147.692 | 100 basis point increase | ₩ | 85.630 |  |  |  |  |  |

## 38.1.4.3 Crude oil and petroleum product price risk

Crude oil and petroleum product price risk is the risk that profit or cash flow will fluctuate because of changes in international market prices of crude oil and petroleum products. The Group manages these risks to maintain stable margins through the use of fixed-price contracts with customers and derivative contracts of fluctuations in fair values according to changes in international market prices. Key management of the Group determined that the risk from changes in the price of crude oil and petroleum products and the risk to fluctuations in fair values are approximately managed.

## 38.1.5 Enforceable master netting agreement or similar agreement

Carrying amount of financial instruments recognized for which offset agreements are applicable as of December 31, 2022 and 2021 is as follows (Korean won in millions):

|   | December 31, 2022 |  |    |  |   |  |  |  |  |  |  |
|---|-------------------|--|----|--|---|--|--|--|--|--|--|
|   |                   | Gross financial<br>instruments<br>recognized |    | Gross financial<br>instruments<br>offset | Net financial instruments presented in the consolidated statement of financial position |  |  |  |  |  |  |
| Financial assets: Trade receivables and other receivables         | ₩                 | 421,311                                      | ₩  | (261,664)                                | ₩   | 159,647  |  |  |  |  |  |
| Financial liabilities:<br>Other payables<br>and other liabilities | ₩                 | 380,583                                      | ₩  | (261,664)                                | ₩   | 118,919  |  |  |  |  |  |
|   | December 31, 2021 |  |    |  |   |  |  |  |  |  |  |
|   |                   | Gross financial<br>instruments<br>recognized |    | Gross financial<br>instruments<br>offset |   | Net financial<br>instruments<br>presented in the<br>consolidated<br>statement of<br>financial position |  |  |  |  |  |
| Financial assets: Trade receivables                               | ₩                 | 368,869                                      | ₩  | (214,549)                                | ₩   | 154,320  |  |  |  |  |  |
| and other receivables Financial liabilities:                      | **                | 300,009                                      | ** | (214,049)                                | **  | 104,020  |  |  |  |  |  |
| Other payables and other liabilities                              | ₩                 | 341,738                                      | ₩  | (214,549)                                | ₩   | 127,189  |  |  |  |  |  |

## 38.2 Capital risk management

The fundamental goal of capital management is to keep a sound financial structure. The Group is using the debt ratio, calculated as total debt divided by total amount of capital, as an indicator of capital management. The Group maintains a debt ratio of 170.9% as of December 31, 2022. The maturity of the debt is dispersed in the long term; so, debt-repayments are not demanding.

The Group's debt ratio as of December 31, 2022 and 2021 is as follows (Korean won in millions):

|                   |   | December 31, 2022 | December 31, 2021 |
|-------------------|---|-------------------|-------------------|
| Total liabilities | ₩ | 122,697,070 ₩     | 99,815,712        |
| Total equity      |   | 71,808,790        | 65,552,651        |
| Debt ratio        |   | 170.9%            | 152.3%            |

#### 39. Greenhouse Gas Emissions and Emissions Liabilities

(1) As of December 31, 2022, the quantity of free allocation emission rights for each year of implementation in the third planned period (2021-2025) is as follows (in tCO2-eq):

 Zero Pree-allocated emission rights(\*1)
 Zero Pree-allocated emission rights(\*1)
 Zero Proe-allocated emission

- (\*1) Presents the amount of free-allocated emission right granted initially plus the amount granted additionally less the amount cancelled.
- (2) Changes in the quantity of emission rights held for the purpose of performing obligations and the carrying amount as of December 31, 2022 are as follows (in tCO2-eq and Korean won in millions):

|                                      | 2021                | (*1)     | 202        | 2          | 2023 ~     | 2025       | Total        |            |  |
|--------------------------------------|---------------------|----------|------------|------------|------------|------------|--------------|------------|--|
|                                      | Quantity Book value |          | Quantity   | Book value | Quantity   | Book value | Quantity     | Book value |  |
| Beginning balance allocated for free | 24,628,894          | 1,305    | 24,031,690 | -          | 59,895,811 | -          | 108,556,395  | 1,305      |  |
| Carried over                         | 305,002             | 1,178    | 1,761,666  | 2,139      | -          | -          | 2,066,668    | 3,317      |  |
| Purchase (disposal)                  | 272,067             | 13,599   | (583,789)  | 705        | -          | -          | (311,722)    | 14,304     |  |
| Government submission                | (23,473,590)        | (13,943) | -          | -          | -          | -          | (23,473,590) | (13,943)   |  |
| Carried forward                      | (1,761,666)         | (2,139)  | -          | -          | -          | -          | (1,761,666)  | (2,139)    |  |
| Others                               | 29,293              | -        | 116,416    | -          | -          | -          | 145,709      | -          |  |
| Ending balance                       | -                   | -        | 25,325,983 | 2,844      | 59,895,811 | -          | 85,221,794   | 2,844      |  |

(\*1) Changes in the quantity of emission rights for the year ended December 31 include the amount of estimates for the year ended December 31, 2021 which has been adjusted to fixed value for the year ended December 31, 2022.

Meanwhile, as of December 31, 2022, there are no emission rights provided as collateral and no emission rights held for gains on trading.

(3) The details of changes in emission liabilities for the year ended December 31, 2022 are as follows (Korean won in millions):

| Segments           | For the year ended December 31, 2022 |
|--------------------|--------------------------------------|
| Beginning balance  | 18,402                               |
| Transferred        | 11,460                               |
| Returned           | (21,395)                             |
| Ending balance(*1) | 8.467                                |

(\*1) Emissions liabilities are included in current provisions.

Meanwhile, the estimated amount of greenhouse gas emissions for the year ended December 31, 2022 is 21,603,627 tonnes (tCO2-eq).

#### 40. Business combination

As of December 31, 2022, details of business combination are as follows.

#### (1) General information

SKC Co., Ltd., a subsidiary, acquired real control over 100% of SK Pucore Co., Ltd. as the deemed acquisition date on January 1, 2022, and included it in the scope of its connection to strengthen its manufacturing and sales business of Polyol.

Mobility Solution II Inc., a subsidiary, gained control by acquiring a 100% stake in EverCharge, Inc. on March 23, 2022.

SK Ecoplant Co., Ltd., a subsidiary, established Eco Frontier (Singapore) Pte. Ltd. during the year ended December 31, 2022 to enter the electronic electrical waste recycling business and acquired a 100% stake in Tes-Envirocorp Pte. Ltd. on April 30, 2022. In addition, for the purpose of expanding the environmental business portfolio during the year ended December 31, 2022, the company acquired a 100% stake in JA Green Co., Ltd. with June 30, 2022 as the deemed acquisition date.

## 40. Business combination (cont'd)

In order to strengthen the SiC power semiconductor business, which is expected to grow high, the company acquired control as its stake became 74.89% through the acquisition of an additional stake in Yespowertechnix in May 2022. Meanwhile, additional acquisition was made in July and August 2022, and the stake at the end of the current term is 98.59%.

T Map Mobility Co., Ltd., a subsidiary, acquired a 100% stake in Seoul Airbus Co., Ltd. on May 2, 2022 to expand and strengthen its business portfolio.

T Map Mobility Co., Ltd., a subsidiary, acquired 100% stake in Logisoft Co., Ltd. on August 8, 2022 to expand and strengthen its business portfolio.

SK Ecoplant Co., Ltd., a subsidiary, acquired a 31.52% stake in SK Oceanplant Co., Ltd. with August 31, 2022 as the deemed acquisition date for the purpose of entering the offshore wind power business.

In order to strengthen its G-class substrate business for computing, SKC Co., Ltd., a subsidiary, acquired 80.58% of its stake on December 31, 2022 as the deemed acquisition date and gained real control over Absolute Inc. This changed the classification of Absolics Inc. from joint venture investment to subsidiary investment.

The above business combinations that occurred during the year ended December 31, 2022 were accounted for by the acquisition method, and the consolidated financial statements include the financial performance of the acquiree from the acquisition date to the end of the current period.

### (2) Identifiable assets acquired and liabilities assumed

Identifiable assets acquired and liabilities assumed due to merger are as follows (Korean won in millions):

|                               | SK                                       |         |            |            | Tes-      |              | YESPOWER |          | SEOUL     |         |   |          |            |           |
|-------------------------------|--|---------|------------|------------|-----------|--------------|----------|----------|-----------|---------|---|----------|------------|-----------|
|                               | pucore                                   |         | Evercharge | Envirocorp |           | JA GREEN     | TE       | CHNIX    | AIRPORT   | AIRPORT |   | GISOFT.  | Oceanplant | Absolics  |
|                               | Co., Ltd. Co., Ltd. Pte., Ltd. Co., Ltd. |         | C          | o., Ltd.   | LIMOUSINE |              |          | o., Ltd. | Co., Ltd. | Inc.    |   |          |            |           |
| Assets:                       | _  |         |            |            |           |              |          |          |           |         |   |          |            |           |
| Cash and cash                 | ₩  | 11,986  | ₩ 967      | ₩          | 80,531    | ₩ 1,198      | ₩        | 12,677   | ₩         | 328     | ₩ | 11,659 ₹ | ₹ 483,274  | ₩ 129,023 |
| equivalents                   |  |         |            |            |           |              |          |          |           |         |   |          |            |           |
| Trade and other               |  | 119,230 | 1,138      |            | 126,204   | 2,278        |          | 601      |           | 1,019   |   | 49       | 146,594    | 186       |
| receivables                   |  |         |            |            |           |              |          |          |           |         |   |          |            |           |
| Inventories                   |  | 96,576  | 2,906      |            | 19,298    | -            |          | 7,665    |           | 36      |   | -        | 3,305      | -         |
| Property, plant and           |  | 103,718 | 186        |            | 75,796    | 38,865       |          | 8,064    |           | 7,240   |   | 25       | 422,617    | 43,101    |
| equipment                     |  |         |            |            |           |              |          |          |           |         |   |          |            |           |
| Right-of-use assets           |  | 10,204  |            |            | 36,738    | <del>-</del> |          | 1,259    |           | 5       |   | 4        | 11,257     | 6,458     |
| Intangible assets             |  | 133,545 | 132,825    |            | 209,145   | 117,231      |          | 26,426   | 4         | 4,461   |   | 41,049   | 2,714      | 83,642    |
| operations                    |  |         |            |            |           |              |          |          |           |         |   |          |            |           |
| Other assets                  |  | 414,536 | 637        |            | 53,022    | 1,899        |          | 1,942    |           | 2,710   |   | 6,690    | 154,989    | 1,234     |
|                               |  | 889,795 | 138,659    |            | 600,734   | 161,471      |          | 58,634   | 5         | 5,799   |   | 59,476   | 1,224,750  | 263,644   |
|                               |  |         |            |            |           |              |          |          |           |         |   |          |            |           |
| Liabilities:                  |  |         |            |            |           |              |          |          |           |         |   |          |            |           |
|                               |  | 400.050 | 4 507      |            | 400 507   | 4 400        |          | 4.040    |           | 4 500   |   | 05.000   | 04 400     | 40.000    |
| Trade and other payables      |  | 102,359 | 1,527      |            | 133,597   | 4,199        |          | 1,849    |           | 1,560   |   | 25,386   | 84,406     | 13,202    |
| Borrowing liabilities         |  | 113,774 |            |            | 47,791    | 12,100       |          | 4.497    |           |         |   | 61       | 406,538    |           |
| Lease liabilities             |  | 10.204  | -          |            | 36,738    | 12,100       |          | 1,234    |           | 5       |   | -        | 14.350     | 6,645     |
| Current income tax liabilitie |  | 3,878   | _          |            | 3,479     | _            |          | 1,204    |           | 3       |   | 82       | 7.745      | 0,043     |
| Defined benefit liabilities   | 3  | 682     | _          |            | 3,413     | -            |          | 80       |           | 163     |   | 355      | 1,227      | _         |
| Deferred tax liabilities      |  | 18,540  | 35,428     |            | 41.157    | 28.748       |          | 6.364    |           | 9.695   |   | 4.016    | 175        | _         |
| Other Liatilities             |  | 12.815  | 350        |            | 1.190     | 11,082       |          | 141      |           | 213     |   | 15,808   | 236,485    | 287       |
| Outer Liamines                | _  | 262,252 | 37,305     |            | 263,952   | 56,129       | _        | 14,165   | 1         | 1,636   |   | 45,708   | 750,926    | 20,134    |
|                               |  | _0_,_0_ | 37,000     |            | _55,002   | 30,120       |          | , 100    |           | .,500   |   | .0,.00   | . 50,020   | 20,101    |
| Fair value of                 |  |         |            |            |           |              |          |          |           |         |   |          |            |           |
| identifiable                  |  |         |            |            |           |              |          |          |           |         |   |          |            |           |
| Net assets                    | ₩  | 627,543 | ₩ 101,354  | ₩          | 336,782   | ₩105,342     | ₩        | 44,469   | ₩ 4       | 4,163   | ₩ | 13,768   | ₩ 473,824  | ₩ 243,510 |

As of December 31, 2022, the fair value of the assets acquired and liabilities assumed was determined tentatively because independent valuation was not completed.

## 40. Business combination (cont'd)

#### (3) Goodwill

Goodwill arising from business combination is as follows (Korean won in millions):

|  | SK<br>pucore<br><u>Co., Ltd.</u> |         | pucore Eve |         | Evercharge<br>Co., Ltd. |   | Tes-<br>Envirocorp<br>Pte., Ltd. | JA GREEN<br>Co., Ltd. |          | YESPOWER<br>TECHNIX<br>Co., Ltd. |        | SEOUL<br>AIRPORT<br>LIMOUSINE |        | LOGISOFT.<br>Co., Ltd. |   | SK<br>Oceanplant<br>Co., Ltd. | Absolics<br>Inc. |  |
|--|----------------------------------|---------|------------|---------|-------------------------|---|----------------------------------|-----------------------|----------|----------------------------------|--------|-------------------------------|--------|------------------------|---|-------------------------------|------------------|--|
| Assets:  |                                  |         |            |         |                         |   |                                  |                       |          |                                  |        |                               |        |                        |   |                               |                  |  |
| a. The total consideration transferred (*1)     b. Fair value of proportionate share of acquired net assets: | ₩                                | 741,760 | ₩          | 338,102 | ₩ 1,342,873             | ₩ | 175,568                          | ₩                     | 84,068   | ₩                                | 57,797 | ₩                             | 53,703 | ₩ 342,595              | ₩ | 196,227                       |                  |  |
| Fair value of the net<br>Identifiable assets<br>Non-controlling  |                                  | 627,543 |            | 101,354 | 336,782                 |   | 105,342                          |                       | 44,469   |                                  | 44,163 |                               | 13,768 | 473,824                | : | 243,510                       |                  |  |
| Interests (*2)   |                                  |         |            |         |                         |   |                                  |                       | (11,166) |                                  |        |                               |        | (324,488               | ) | (47,283)                      |                  |  |
|  |                                  | 627,543 |            | 101,354 | 336,782                 |   | 105,342                          |                       | 33,303   |                                  | 44,163 |                               | 13,768 | 149,336                | ز | 196,227                       |                  |  |
| c. Goodwill(c=a-b)   | ₩                                | 114,217 | ₩          | 236,748 | ₩ 1,006,091             | H | ₹ 70,226                         | ₩                     | 50,765   | ₩                                | 13,634 | ₩                             | 39,935 | ₩ 193,259              |   | -                             |                  |  |

<sup>(\*1)</sup> It includes the fair value of interests of investments in associates and joint ventures held before the business combination.

#### 41. Events after the reporting period

#### 41.1 Sale of Turo Inc.

The Company decided to dispose of 7,496,251 shares of Turo Inc. (Ownership percentage: 2.98%) at the Board of Directors meeting on February 14, 2023. Shares amounting to USD 67 million was disposed of on February 17, 2023.

## 41.2 Disposal of treasury stocks of SK Telecom Co.,Ltd.

SK Telecom Co., Ltd., the Company's subsidiary, decided to dispose of its treasury stock at the Board of Directors meeting on February 7, 2023, and completed the disposal as follows.

| <u>Details</u>                    |
|-----------------------------------|
| 324,580 common shares             |
| ₩46,700 per share                 |
| ₩15,158 million                   |
| February 9, 2023.                 |
| Bonus payment for treasury stocks |
| Off-site disposal                 |
|                                   |

#### 41.3 Sales of SK Square Co., Ltd.'s shares in SK Shields Co., Ltd.

SK Square Co., Ltd., the Company's subsidiary, will acquire 47,903,598 shares (Ownership percentage: 63.1%) of Korea Security Holdings Co., Ltd., the entity to be newly established as a result of legally bounding inclusive share transfer requiring SK Square Co., Ltd. to transfer the entire amount of shares in SK Shields Co., Ltd., and singed a stock trading agreement to sell 21,870,273 shares (Ownership percentage: 28.8%) of the common shares to be acquired to Soteria Bidco SCSp. The total sale amount is \$864,600 million, of which \$414,600 million will be received on the scheduled date of disposal, and \$450,000 million will be received within two years from the scheduled date of disposal. The scheduled disposal date is September 19, 2023, and will be confirmed upon the achievement of the prerequisites, including the acceptance of the Fair Trade Commission's business combination report under the stock trading agreement.

Meanwhile, Blue Security Investment Ltd., a shareholder of SK Shields Co., Ltd., will sell 27,982,239 common shares (36.9% stake) of Korea Security Holdings Co., Ltd. to Soteria Bidco SCSp on the scheduled date of disposal.

<sup>(\*2)</sup> Non-controlling interests arising from the merger are measured in proportion to the non-controlling interests in identifiable net assets of the merged company.

## 41.4 The merger of SK Telesys Co., Ltd. by SK NPulse Co., Ltd. (formerly, SKC Solmix Co., Ltd.)

SK ENPULSE Co., Ltd. (formerly, SKC Solmix Co., Ltd.), the Company's subsidiary, merged SK Telesys Co., Ltd. on February 1, 2023. SK ENPULSE Co., Ltd. decided to merge with SK Telesys Co., Ltd. at the Board of Directors meeting held on November 7, 2022 to accelerate growth and improve management efficiency through integrated operation of the semiconductor business. The merger was finally approved at an extraordinary shareholders' meeting held for the merger on December 30, 2022. The key points related to the merger are as follows.

- Surviving company after merger: SK ENPULSE Co., Ltd.
- Company extinguished after merger: SK Telesys Co., Ltd.
- Merger date: February 1, 2023
- Merger ratio: SK ENPULSE Co., Ltd.: SK Telesys Co., Ltd. = 1:0.1443182

## 41.5 Issuance of preferred stocks by SK E&S Co., Ltd.

SK E&S Co., Ltd., the Company's subsidiary, issued 625,000 convertible preferred shares without voting rights on January 11, 2023, and the total amount of the shares issued is  $\mbox{$W$}367,500$  million. The Company shall have the right to repay all of its preferred shares in cash or other assets depending on the Company's decision made by resolution of the Board of Directors. If the preferred shareholder issues a written notice of scheduled conversion to the Company within the conversion request period and a written notice to the Company presenting its intention to exercise the right to repay or not to exercise the right to repay within two months from the date when the Company receives the notice, the preferred shareholder may exercise the right to convert.

## 41.6 Issuance of bonds by SK E&S Co., Ltd.

SK E&S Co., Ltd., the Company's subsidiary, issued unguaranteed public bonds after the reporting period, and the details of issuance are as follows.

|                                   |                |                 |               | Amount of |   |
|-----------------------------------|----------------|-----------------|---------------|-----------|---|
|                                   | Issuance date  | Expiration date | Interest rate | issuance  | _ |
| 18-1st Unguaranteed Company Bonds | March 03, 2023 | March 03, 2026  | 4.488%        | ₩ 150,000 |   |
| 18-2nd Unguaranteed Company Bonds | March 03, 2023 | March 03, 2026  | 4.766%        | ₩ 250,000 |   |
| Total                             |                |                 |               | ₩ 400.000 |   |

## 41.7 Issuance of preferred bonds by SK Ecoplant Co., Ltd.

On February 23, 2023, SK Ecoplant Co., Ltd., a subsidiary of the Company, issued \$200,000 million of unguaranteed bonds with bearer certificates.

## 42. Introduction and impact of Global Minimum Tax

The Organization for Economic Co-operation and Development (OECD)/G20 Inclusive Framework on Base Erosion and Profit Shift (BEPS) addresses the tax challenges arising from the digitalization of the global economy. Global Minimum Tax (Pillar Two) were released and they apply to Multinational Enterprises (MNEs) with revenue in excess of EUR 750 million per their consolidated financial statements. National Assembly of South Korea passed into law new Global Minimum Tax rules to align with the OECD BEPS Pillar Two in December 2022. The regulation will be included in the Adjustment of International Taxes Act and will be effective for fiscal years beginning on or after January 1, 2024. However, the Enforcement Decrees that provide further detail on the application of the legislation is not amended as of December 31, 2022. In South Korea, Pillar Two legislation is not yet considered substantively enacted as of December 31, 2022. The Group therefore has not recognized any tax effect arising from the Global Minimum Tax in its consolidated financial statements as of and for the year ended December 31, 2022.