# GS Engineering & Construction Corporation and Subsidiaries

Consolidated Financial Statements December 31, 2020 and 2019

# **GS Engineering & Construction Corporation and Subsidiaries Index**

## **December 31, 2020 and 2019**

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#### **Independent Auditor's Report**

(English Translation of a Report Originally Issued in Korean)

To the Board of Directors and Shareholders of GS Engineering & Construction Corporation

#### **Opinion**

We have audited the accompanying consolidated financial statements of GS Engineering & Construction Corporation and its subsidiaries (collectively referred to as the "Group") which comprise the consolidated statement of financial position as of December 31, 2020, and the consolidated statement of profit or loss, consolidated statement of comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year 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 GS Engineering & Construction Corporation and its subsidiaries as of December 31, 2020, and its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with International Financial Reporting Standards as adopted by the Republic of Korea (Korean IFRS).

## **Basis for Opinion**

We conducted our audit in accordance with Korean Standards on Auditing. 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 of the Republic of Korea that are relevant to our audit of the consolidated financial statements and we have fulfilled our other ethical responsibilities in accordance with the ethical requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

## **Key Audit Matters**

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

A. Revenue recognition based on input method

#### Why it is determined to be a key audit matter

As explained in the Note 2 to the consolidated financial statements, the Group recognizes revenue over the construction periods for the construction services, which the Group creates or enhances an asset that the customer controls as the asset is created or enhanced, such as construction of a building on the customer's land. The Group measures progress towards completion (percentage-of-completion method) based on input method for construction services. Meanwhile, for housing contracts satisfying conditions under Korea Accounting Institute's Question and Answer, 2017-I-KQA015, the Group recognizes revenue over the period that controls are transferred and also measures progress towards completion based on input method for those services.

As explained in the Note 3 to the consolidated financial statements (Accounting Estimates and Assumptions), the measurement of total contract revenue is affected by the uncertainty of future events relating to project scope changes, claims and incentive payments and penalties, etc. arising from the course of construction. In addition, total contract costs are estimated based on future estimates of material costs, labor costs, construction period and others involving uncertain changes.

We considered the revenue recognition based input method is a key audit matter for certain contracts which are judged to have a significant impact on the consolidated financial statements due to significant uncertainty in the estimation of total contract revenue and total contract costs by management among the total construction contracts of the Group.

#### How our audit addressed the key audit matter

In respect of the above-mentioned material construction contracts, we performed the following audit procedures.

- Appropriateness of revenue recognition based on input method
  - We obtained an understanding of the accounting policies regarding recognition of revenue for construction contract adopted by the Group.
  - We assessed the appropriateness of applying input method in case that it was used for revenue recognition.
  - We determined whether the revenue recognition for housing contract is in compliance with Korean IFRS.
- Appropriateness of total contract revenue
  - We obtained an understanding the internal control in relation to engagement or amendment of construction contracts and tested the effectiveness of design and operations of the key controls.
  - We tested the contract amount and material terms and conditions by inspecting construction contracts.
  - We inquired of management if there were any variations in project scope which affected total contract revenue and verified whether the contacts have been modified.

- We reviewed the reasonableness of the Group's review on possibilities of liquidated damages.
- Uncertainty of estimated total contract costs
  - We obtained an understanding the internal controls in relation to amendment or approval of contract costs and tested the effectiveness of design and operations of the key controls.
  - We examined if the total contract cost used for input method were finally approved by the appropriate approvers, and reconciled the total contract cost used for input method with total contract cost on accounting management system.
  - We evaluated the appropriateness of estimation by comparing accumulated incurred contract costs against the estimated total contract costs of construction sites that construction has been completed.
  - We examined whether there were any significant changes in total contract costs after at the end of reporting period.
  - We inquired for projects with significant changes in total contract costs and reviewed the reason for changes.
- Accumulated incurred contract costs of construction site and accuracy of revenue calculation
  - We obtained an understanding the internal controls in relation to aggregated and approved cost incurred of construction sites and tested the effectiveness of design and operations of the key controls.
  - We tested the completeness and accuracy of the accumulated costs incurred of construction sites by reconciling the costs incurred with the amount recorded in general ledger.
  - We tested the occurrence of constructions costs and accuracy of corresponding construction sites by inspecting external support documents.
  - We performed independent recalculation of revenue based on percentage-of-completion method of construction sites.

B. Recoverability of financial assets and contract assets for contracts with impairment indicators

## Why it is determined to be a key audit matter

As explained in the Note 6 (Trade and Other Receivables) and Note 7 (Construction Contracts) to the consolidated financial statements, the Group recognized  $\forall$  483,684 million of allowance for doubtful accounts for receivables from construction contracts, receivables from apartment sales and contract assets as of December 31, 2020. Certain construction contracts involve the management's significant accounting estimates and judgments regarding the recoverability of financial assets including trade receivables and contract assets due to disagreement with the customer, deteriorating financial status of the customer, and the increase in unsold apartment sales. Therefore, we considered the recoverability of financial assets and contract assets for contracts with impairment indicators is a key audit matter.

## How our audit addressed the key audit matter

In respect of the aforementioned recoverability of financial assets and contract assets for contracts with impairment indicators, we performed the following audit procedures.

- We obtained an understanding the internal controls in relation to contracts with impairment indicators and tested the effectiveness of design and operations of the key controls.
- We reviewed the reasons for the delayed invoicing for contract assets of contracts with impairment indicators and examined customers' financial status.
- We assessed the appropriateness of management's analysis on collectability of financial assets and contract assets held by construction sites with impairment indicators.

#### **Emphasis of Matter**

Without modifying our opinion, we draw attention to Note 3 to the consolidated financial statements of the Group. Note 3 to the consolidated financial statements describes management's plans and action taken to resolve uncertainty relating to the impact of Coronavirus disease 2019 (COVID-19) on the Group's operating circumstances.

#### **Other Matters**

The consolidated financial statements of the Company for the year ended December 31, 2019, were audited by Ernst & Young Han Young who expressed an unqualified opinion on those statements on March 19, 2020.

Auditing standards and their application in practice vary among countries. The procedures and practices used in the Republic of Korea to audit such consolidated financial statements may differ from those generally accepted and applied in other countries.

## 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 Korean IFRS, and for such internal control as management determines is necessary to enable the preparation of 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.

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 Korean Standards on Auditing 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 Korean Standards on Auditing, 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 entity'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 Jeong-Hun Lee, Certified Public Accountant.

Seoul, Korea March 18, 2021

This report is effective as of March 18, 2021, the review report date. Certain subsequent events or circumstances, which may occur between the audit report date and the time of reading this report, could have a material impact on the accompanying consolidated financial statements and notes thereto. Accordingly, the readers of the audit report should understand that there is a possibility that the above audit report may have to be revised to reflect the impact of such subsequent events or circumstances, if any.

# **GS** Engineering & Construction Corporation and its subsidiaries

Consolidated financial statements for the years ended December 31, 2020 and 2019

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

Byeong Yong Lim Chief Executive Officer GS Engineering & Construction Corporation

## GS Engineering & Construction Corporation and Subsidiaries Consolidated Statements of Financial Position December 31, 2020 and 2019

| Page   | (in millions of Korean won)                           | Notes            | 2020         | 2019         |
|---|---|------------------|--------------|--------------|
| Cash and cash equivalents   | Assets  |                  |              |              |
| Total and other receivables, net  | Current assets  |                  |              |              |
| Contract assets inventories         7,32         1,023,767         1,097,486           Inventories in finencial assets         5,9,11,32,33         275,870         284,372           Other current assets         7,251,910         273,28,857           Non-current assets         7,251,910         3,28,857           Non-current assets         7         1,426,773         1,176,032           Property, plant and equipment, net inangible assets, are time in the properties         15         1,021,872         918,272           Investment properties         15         1,021,872         918,272           Investments in associates         12         101,687         52,95           Long-term trade and other recevables, net         6,9,30,32,33         866,621         92,256           Long-term trade and other recevables, net         6,9,30,32,33         866,621         92,256           Long-term trade and other recevables, net         8,90,30,32,33         866,621         92,256           Investments in associates         28         962,406         846,852           Long-term trade and other recevables, net         8,10,33         9,4466         93,868           Other current assets         8         117,012         9,43           Total investions         9,103,93         9   | Cash and cash equivalents                             | 5,9,32,33        | ₩ 2,118,919  | ₩ 1,792,956  |
| Non-current financial assets  | Trade and other receivables, net                      |                  | 1,957,065    | 2,407,744    |
| Description   |   |                  |              |              |
| Other current assets         8         446,238         871,235           Total current assets         7,251,910         7,322,835           Non-current assets         Property, plant and equipment, net         13         1,426,773         1,176,032           Intangible assets, net         14         474,305         498,999           Investment properties         15         10,21,872         918,272           Right-of-use assets         16         411,820         519,044           Investments in associates         12         101,887         52,395           Long-term trade and other receivables, net         6,93,03,233         866,621         922,588           Long-term financial assets         59,30,32,33         161,600         676,734           Deferred income tax assets         28         962,406         292,588           Financial assets at fair value through profit or loss         9,10,33         249,466         239,688           Other non-current assets         8         117,012         9.88           Total assets         9         1,73,03,23         W         1,403,146         W         1,629,980           Current liabilities         9,17,30,32,33         Y         1,403,446         W         1,629,980  |   |                  |              |              |
| Non-current assets  |   |                  |              |              |
| Non-current assets         Property, plant and equipment, net         13         1,426,773         1,176,032           Intangbie assets, net         14         744,305         489,994           Investment properties         15         1,021,872         918,272           Right-of-use assets         16         411,820         519,044           Investments in associates         12         101,887         52,395           Long-term trade and other receivables, net         6,33,03,233         866,621         922,558           Long-term financial assets         5,93,03,233         866,621         922,558           Long-term financial assets at fair value through profit or loss         9,10,33         249,466         239,686           Financial assets         8         952,406         86,582,589           Financial assets         8         9,17,33         249,466         239,686           Other non-current assets         8         117,012         10         10         10         10         11,712         10         10         10         13,171,206         10         10         13,171,206         10         10         13,171,206         10         13,171,206         10         10         13,171,206         10         13,171,206         10  |   | 8                |              |              |
| Property, plant and equipment, net         13         1,426,773         1,176,032           Intangible assets, net         14         744,357         918,272           Right-of-use assets         16         411,820         519,044           Investment properties         16         411,820         519,044           Investments in associates         12         101,687         52,358           Long-term francial assets         59,30,32,33         616,806         77,334           Deferred income tax assets         28         962,406         346,852           Financial assets at fair value through profit or loss         8         117,012         29,868           Other non-current assets         8         117,002         29,868           Total anon-current assets         8         117,003         249,466         29,868           Total assets         2         8         117,003         249,466         5,842,349           Current liabilities           Trade and other payables         9,17,30,32,33         1,193,472         991,732           Total assets         9,17,30,32,33         1,193,472         991,732           Current liabilities         9,17,30,32,33         1,193,472         991,732           T   | Total current assets                                  |                  | 7,251,910    | 7,328,857    |
| Intangible assets, net   14   | Non-current assets                                    |                  |              |              |
| Investment properties   | Property, plant and equipment, net                    | 13               | 1,426,773    | 1,176,032    |
| Right-of-use assets   16  | Intangible assets, net                                | 14               | 744,305      | 489,994      |
| Divestments in associates   | Investment properties                                 | 15               | 1,021,872    | 918,272      |
| Description   Part   | Right-of-use assets                                   | 16               | 411,820      | 519,044      |
| Deferred income lax assests   5,9,30,32,33   616,806   677,344     Deferred income lax assests   28   962,406   239,868     Chier non-current assets   7   170,102   170,102     Total non-current assets   8   117,012   170,100     Total assets   7   170,100   170,100   170,100     Total assets   7   170,100   170,100   170,100     Total assets   7   170,100   170,100     Total assets   7   170,100   170,100     Total assets   7   170,100   170,100     Trade and other payables   9,17,30,32,33   1,193,472   991,732     Contract liabilities   7   1,781,861   2,176,743     Income tax payable   28   196,998   133,844     Current provisions   7,20   195,710   135,707     Other current liabilities   7,917,30,33   957,674   732,885     Total current liabilities   7,917,30,33   957,788,861   5,800,891     Total current liabilities   9,17,31   189,394   189,394     Current provisions   9,17,33   189,394   189,394     Long-term trade and other payables   9,17,33   189,394   189,394   189,394     Long-term trade and other payables   9,17,33   189,394 | Investments in associates                             | 12               | 101,687      | 52,395       |
| Deferred income tax assets         28         962,006         346,852           Financial assets at fair value through profit or loss         9,10,33         249,466         239,868           Other non-current assets         8         117,012         −           Total non-current assets         W 13,770,678         5,842,349           Current liabilities           Current liabilities           Trade and other payables         9,17,30,32,33         W 1,403,146         W 16,29,980           Short-term financial liabilities         9,11,16,18,32,33         1,193,472         991,732           Contract liabilities         7         1,781,861         2,176,743           Income tax payable         28         196,995         133,844           Current provisions         7,20         196,971         135,707           Other current liabilities         7,917,30,33         95,767         732,885           Total current liabilities         9,17,33         189,394         -           Long-term trade and other payables         9,17,33         189,394         -           Long-term trade and other payables         9,17,33         189,394         -           Long-term trade and other payables         9,17,33         189,394  | Long-term trade and other receivables, net            | 6,9,30,32,33     | 866,621      | 922,558      |
| Financial assets at fair value through profit or loss         9,10,33         249,466         239,868           Other non-current assets         8         117,012         −           Total non-current assets         w 13,770,678         5,823,409           Total assets         w 13,770,678         w 13,171,206           Liabilities         v 17,30,32,33         w 1,403,146         w 1,629,980           Short-term financial liabilities         9,17,30,32,33         w 1,403,146         w 1,629,980           Short-term financial liabilities         9,17,30,32,33         w 1,403,146         w 1,629,980           Short-term financial liabilities         7         1,781,861         2,176,43           Income tax payable         28         196,998         133,844           Current provisions         7,20         195,710         135,707           Other current liabilities         9,17,33         189,394         -5,800,891           Non-current liabilities         9,17,33         189,394         -5,800,891           Non-current provisions         9,15,16,18,32,33         2,957,979         2,685,035           Not defined benefit liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Not defined benefit liabilities         9,13         3,72,20<  | Long-term financial assets                            | 5,9,30,32,33     | 616,806      | 677,334      |
| Other non-current assets         8         117,012  | Deferred income tax assets                            | 28               | 962,406      | 846,852      |
| Other non-current assets         8         117,012  | Financial assets at fair value through profit or loss | 9,10,33          | 249,466      | 239,868      |
| Total assets         W         13,770,678         W         13,171,206           Liabilities         W         13,770,678         W         13,171,206           Current liabilities           Trade and other payables         9,17,30,32,33         W         1,403,146         W         1,629,980           Short-term financial liabilities         9,11,16,18,32,33         1,193,472         991,732         20,716,743         1,781,861         2,176,743         1,781,861         2,176,743         1,000,743         1,781,861         2,176,743         1,781,861         2,176,743         1,000,743         1,781,861         2,176,743         1,000,744         1,000,744         1,000,744 <t< td=""><td></td><td></td><td></td><td>,<br/>-</td></t<>   |   |                  |              | ,<br>-       |
| Labilities           Current liabilities           Trade and other payables         9,17,30,32,33         ₩ 1,403,146         ₩ 1,629,980           Short-term financial liabilities         9,11,16,18,32,33         1,193,472         991,732           Contract liabilities         7         1,781,861         2,176,743           Income tax payable         28         196,998         133,844           Current provisions         7,20         195,710         135,707           Other current liabilities         7,917,30,33         957,674         732,885           Total current liabilities         9,17,33         189,394         -           Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         265,855           Deferred income tax liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total villabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248<  | Total non-current assets                              |                  |              | 5,842,349    |
| Labilities           Current liabilities           Trade and other payables         9,17,30,32,33         ₩ 1,403,146         ₩ 1,629,980           Short-term financial liabilities         9,11,16,18,32,33         1,193,472         991,732           Contract liabilities         7         1,781,861         2,176,743           Income tax payable         28         196,998         133,844           Current provisions         7,20         195,710         135,707           Other current liabilities         7,917,30,33         957,674         732,885           Total current liabilities         9,17,33         189,394         -           Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         265,855           Deferred income tax liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total villabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248<  |   |                  |              |              |
| Trade and other payables         9,17,30,32,33         w         1,403,146         w         1,629,980           Short-term financial liabilities         9,11,16,18,32,33         1,193,472         991,732           Contract liabilities         7         1,781,861         2,176,743           Income tax payable         28         196,998         133,844           Current provisions         7,20         195,710         135,707           Other current liabilities         7,917,30,33         957,674         732,885           Total current liabilities         7,917,30,33         957,674         732,885           Non-current liabilities         9,17,33         189,394         -           Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total viliabilities   |   |                  | ₩ 13,770,678 | ₩ 13,1/1,206 |
| Trade and other payables         9,17,30,32,33         ₩         1,403,146         ₩         1,629,980           Short-term financial liabilities         9,11,16,18,32,33         1,193,472         991,732           Contract liabilities         7         1,781,861         2,176,743           Income tax payable         28         196,998         133,844           Current provisions         7,20         195,710         135,707           Other current liabilities         7,917,30,33         957,674         732,885           Total current liabilities         7,917,30,33         957,674         732,885           Non-current liabilities         9,17,33         189,394         -           Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total visual properti liabilit  | Current liabilities                                   |                  |              |              |
| Short-term financial liabilities         9,11,16,18,32,33         1,193,472         991,732           Contract liabilities         7         1,781,861         2,176,743           Income tax payable         28         196,998         133,844           Current provisions         7,20         195,710         135,707           Other current liabilities         7,9,17,30,33         957,674         732,885           Total current liabilities         9,17,33         189,394         -           Long-term trade and other payables         9,17,33         189,394         -           Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total inon-current liabilities         9,17,33         55,003         76,248           Total ron-current liabilities         9,17,33         55,003         76,248           Total liabilities         9,17,33         4,48,561         9,028,1  |   | 0 17 30 32 33    | 1 103 116    | ът 1 620 080 |
| Contract liabilities         7         1,781,861         2,176,743           Income tax payable         28         196,998         133,844           Current provisions         7,20         195,710         135,707           Other current liabilities         7,917,30,33         957,674         732,885           Total current liabilities         9,17,33         189,394            Long-term trade and other payables         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total inon-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total liabilities         9,17,33         55,003         76,248           Total viliabilities         9,17,33         55,003         76,248   |   |                  |              |              |
| Income tax payable  |   |                  |              |              |
| Current provisions         7,20         195,710         135,707           Other current liabilities         7,9,17,30,33         957,674         732,885           Total current liabilities         5,728,861         5,800,891           Non-current liabilities         \$1,733         189,394         -           Long-term frade and other payables         9,17,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total representation of current liabilities         9,17,33         55,003         76,248           Total liabilities         9,458,561         9,028,179           Equity         2         3,729,700         3,227,288           Equity         2         403,541         400,489           Share capital         1,22         403,541         400,489           Share premium         2         (36,716)  |   |                  |              |              |
| Other current liabilities         7,9,17,30,33         957,674         732,885           Total current liabilities         5,728,861         5,800,891           Non-current liabilities         9,17,33         189,394         -           Long-term frade and other payables         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         3,729,700         3,227,288           Total liabilities         9,17,33         3,729,700         3,227,288           Total propertium         9,458,561         9,028,179           Equity         Equity         2         403,541         400,489           Share aprimium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retaine   | • •   |                  |              |              |
| Non-current liabilities         5,728,861         5,800,891           Non-current liabilities         9,17,33         189,394         -           Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total liabilities         9,458,561         9,028,179           Equity           Equity           Equity           Equity attributable to owners of the parent           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23<   | •   |                  |              |              |
| Non-current liabilities           Long-term trade and other payables         9,17,33         189,394         -           Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total liabilities         9,17,33         55,003         76,248           Total liabilities         9,17,33         55,003         76,248           Total liabilities         9,458,561         9,028,179           Equity         Equity attributable to owners of the parent         59,458,561         9,028,179           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         <  |   | 7,9,17,30,33     |              | ·            |
| Long-term trade and other payables         9,17,33         189,394         -           Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,17,33         55,003         76,248           Total liabilities         9,458,561         9,028,179           Equity           Equity attributable to owners of the parent           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Non-controlling interests         170,897         168,345           Total equity  | Total current habilities                              |                  | 3,720,001    | 3,000,001    |
| Long-term financial liabilities         9,15,16,18,32,33         2,957,979         2,685,035           Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         9,458,561         9,028,179           Equity           Equity attributable to owners of the parent           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Non-controlling interests         170,897         168,345           Total equity         4,141,220         3,974,682   |   |                  |              |              |
| Net defined benefit liabilities         19         17,772         49,810           Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         3,729,700         3,227,288           Equity           Equity attributable to owners of the parent           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027  | Long-term trade and other payables                    | 9,17,33          | 189,394      | -            |
| Non-current provisions         20,32         353,727         285,855           Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         3,729,700         3,227,288           Equity           Equity attributable to owners of the parent           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027   | Long-term financial liabilities                       | 9,15,16,18,32,33 | 2,957,979    | 2,685,035    |
| Deferred income tax liabilities         28         155,825         130,340           Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         3,729,700         3,227,288           Total liabilities         9,458,561         9,028,179           Equity           Equity attributable to owners of the parent           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027  | Net defined benefit liabilities                       | 19               | 17,772       | 49,810       |
| Other non-current liabilities         9,17,33         55,003         76,248           Total non-current liabilities         3,729,700         3,227,288           Total liabilities         9,458,561         9,028,179           Equity         Equity attributable to owners of the parent           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027   | Non-current provisions                                |                  | 353,727      | 285,855      |
| Total non-current liabilities         3,729,700         3,227,288           Total liabilities         9,458,561         9,028,179           Equity         Equity attributable to owners of the parent           Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027   | Deferred income tax liabilities                       |                  |              |              |
| Fequity         9,458,561         9,028,179           Equity attributable to owners of the parent         Share capital         1,22         403,541         400,489           Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027  | Other non-current liabilities                         | 9,17,33          |              |              |
| Equity         Equity attributable to owners of the parent         Share capital       1,22       403,541       400,489         Share premium       22       815,676       802,294         Other components of equity       22       (36,716)       (9,428)         Accumulated other comprehensive loss       11,22       (117,391)       (46,036)         Retained earnings       23       3,076,110       2,827,363         Non-controlling interests       170,897       168,345         Total equity       4,312,117       4,143,027   | Total non-current liabilities                         |                  | 3,729,700    | 3,227,288    |
| Equity attributable to owners of the parent         Share capital       1,22       403,541       400,489         Share premium       22       815,676       802,294         Other components of equity       22       (36,716)       (9,428)         Accumulated other comprehensive loss       11,22       (117,391)       (46,036)         Retained earnings       23       3,076,110       2,827,363         Non-controlling interests       170,897       168,345         Total equity       4,312,117       4,143,027  | Total liabilities                                     |                  | 9,458,561    | 9,028,179    |
| Equity attributable to owners of the parent         Share capital       1,22       403,541       400,489         Share premium       22       815,676       802,294         Other components of equity       22       (36,716)       (9,428)         Accumulated other comprehensive loss       11,22       (117,391)       (46,036)         Retained earnings       23       3,076,110       2,827,363         Non-controlling interests       170,897       168,345         Total equity       4,312,117       4,143,027  | Equity  |                  |              |              |
| Share capital       1,22       403,541       400,489         Share premium       22       815,676       802,294         Other components of equity       22       (36,716)       (9,428)         Accumulated other comprehensive loss       11,22       (117,391)       (46,036)         Retained earnings       23       3,076,110       2,827,363         Von-controlling interests       170,897       168,345         Total equity       4,312,117       4,143,027  |   |                  |              |              |
| Share premium         22         815,676         802,294           Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           Von-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027   |   | 1,22             | 403,541      | 400,489      |
| Other components of equity         22         (36,716)         (9,428)           Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           4,141,220         3,974,682           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027  | ·   |                  |              |              |
| Accumulated other comprehensive loss         11,22         (117,391)         (46,036)           Retained earnings         23         3,076,110         2,827,363           4,141,220         3,974,682           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027   | •   |                  |              |              |
| Retained earnings         23         3,076,110         2,827,363           4,141,220         3,974,682           Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027   | · · ·   |                  | , ,          | , ,          |
| Non-controlling interests     4,141,220     3,974,682       Non-controlling interests     170,897     168,345       Total equity     4,312,117     4,143,027  | ·   |                  | , ,          |              |
| Non-controlling interests         170,897         168,345           Total equity         4,312,117         4,143,027  |   |                  |              |              |
| Total equity 4,312,117 4,143,027  | Non-controlling interests                             |                  |              |              |
| Total liabilities and equity         ₩         13,770,678         ₩         13,171,206  | _   |                  |              |              |
|   | Total liabilities and equity                          |                  | ₩ 13,770,678 | ₩ 13,171,206 |

## GS Engineering & Construction Corporation and Subsidiaries Consolidated Statements of Profit or Loss Years Ended December 31, 2020 and 2019

| (in millions of Korean won)                         | Notes      |   | 2020       |   | 2019       |
|---|------------|---|------------|---|------------|
| Sales   | 4,7,30     |   |            |   |            |
| Construction operations                             |            | ₩ | 9,010,369  | ₩ | 9,672,557  |
| Housing construction and sales operations           |            |   | 435,913    |   | 398,192    |
| Other operations                                    |            |   | 676,649    |   | 345,840    |
|   |            |   | 10,122,931 |   | 10,416,589 |
| Cost of sales                                       | 7,29,30    |   |            |   |            |
| Cost of construction operations                     |            |   | 7,701,477  |   | 8,397,454  |
| Cost of housing construction and sales operations   |            |   | 300,048    |   | 302,090    |
| Cost of other operations                            |            |   | 586,318    |   | 319,177    |
|   |            |   | 8,587,843  |   | 9,018,721  |
| Gross profit  |            |   | 1,535,088  |   | 1,397,868  |
| Selling and administrative expenses                 | 25,29      |   | 784,690    |   | 630,601    |
| Operating profit                                    | 4          |   | 750,398    |   | 767,267    |
| Other operating income                              | 9,11,26    |   | 244,439    |   | 264,177    |
| Other operating expenses                            | 9,11,26    |   | 457,808    |   | 389,312    |
| Share of loss of associates and joint ventures      | 12         |   | (6,139)    |   | (2,904)    |
| Finance income                                      | 9,11,27,30 |   | 210,320    |   | 260,442    |
| Finance costs                                       | 9,11,27,32 |   | 222,770    |   | 225,936    |
| Profit before income tax                            | 4          |   | 518,440    |   | 673,734    |
| Income tax expenses                                 | 28         |   | 188,764    |   | 226,255    |
| Profit for the year                                 |            | ₩ | 329,676    | ₩ | 447,479    |
| Profit is attributable to:                          |            |   |            |   |            |
| Equity holders of the parent                        |            | ₩ | 311,695    | ₩ | 443,360    |
| Non-controlling interests                           |            |   | 17,981     |   | 4,119      |
| Earnings per share attributable                     |            |   |            |   |            |
| to the equity holders of the parent (in Korean won) | 24         |   |            |   |            |
| Basic earnings per share                            |            | ₩ | 3,919      | ₩ | 5,590      |
| Diluted earnings per share                          |            |   | 3,814      |   | 5,046      |

## GS Engineering & Construction Corporation and Subsidiaries Consolidated Statements of Comprehensive Income Years Ended December 31, 2020 and 2019

| (in millions of Korean won)  | Notes    |   | 2020      |   | 2019     |
|--|----------|---|-----------|---|----------|
| Profit for the year  |          | ₩ | 329,676   | ₩ | 447,479  |
| Other comprehensive income (loss)  |          |   |           |   |          |
| Other comprehensive income (loss) to be reclassified to profit or loss in subsequent periods (net of tax): |          |   |           |   |          |
| Gain (loss) on exchange differences on translations of foreign operations                                  | 22,28    |   | (102,688) |   | 17,218   |
| Gain on valuation of derivative instruments  | 11,22,28 |   | 4,300     |   | 5,550    |
| Share of other comprehensive income of associates and joint ventures                                       | 12,28    |   | (1,916)   |   | -        |
| Other comprehensive income (loss) not to be reclassified to  |          |   |           |   |          |
| profit or loss in subsequent periods (net of tax):   |          |   |           |   |          |
| Remeasurements on net defined benefit liabilities  | 19,23,28 |   | 16,233    |   | (14,495) |
| Other comprehensive income (loss) for the year   |          |   | (84,071)  |   | 8,273    |
| Total comprehensive income for the year  |          | ₩ | 245,605   | ₩ | 455,753  |
| Total comprehensive income for the year is attributable to:  |          |   | 050 000   |   | 150 510  |
| Equity holders of the parent   |          | ₩ | 256,893   | ₩ | 453,516  |
| Non-controlling interests  |          |   | (11,288)  |   | 2,237    |

| (in millions of Korean won)   | Notes             | Sha | are capital | ŗ   | Share<br>premium | cor | Other<br>nponents<br>f equity | co  | Accumulated<br>other<br>omprehensive<br>income (loss) |     | Retained earnings |     | Total                |     | -controlling<br>nterests |     | Total           |
|---|-------------------|-----|-------------|-----|------------------|-----|-------------------------------|-----|---|-----|-------------------|-----|----------------------|-----|--------------------------|-----|-----------------|
| As of January 4, 2040   |                   |     | 007.470     |     | 044 700          |     | (== 0.15)                     |     | (70.400)  |     | 0.407.070         |     | 0.540.540            |     | <b>70.470</b>            |     | 0.004.005       |
| As of January 1, 2019   |                   | ₩   | 397,179     | ₩   | 811,768          | ₩   | (77,045)                      | ₩   | (70,463)  | ₩   | 2,487,073         | ₩   | 3,548,512            | ₩   | 76,173                   | ₩   | 3,624,685       |
| Cumulative effect of changes in accounting policy   |                   |     | 207.470     | _   | 811.768          |     | (77,045)                      | _   | (70.402)  |     | (6,232)           |     | (6,232)<br>3,542,280 |     | 70.470                   |     | (6,232)         |
| Restated total equity at the beginning of the financial year  |                   |     | 397,179     |     | 811,708          | -   | (77,045)                      |     | (70,463)  |     | 2,480,841         |     | 3,542,280            |     | 76,173                   |     | 3,618,453       |
| Total comprehensive income (loss)   | 23                |     |             |     |                  |     |                               |     |   |     | 440.000           |     | 443.360              |     | 4.440                    |     | 447.479         |
| Profit for the year  Gain on exchange differences on translations of foreign operations                         | 22,28             |     | -           |     | -                |     | -                             |     | 10 017  |     | 443,360           |     | .,                   |     | 4,119                    |     | , -             |
| Gain on exchange differences on translations of foreign operations  Gain on valuation of derivative instruments | 22,26<br>11,22,28 |     | -           |     | -                |     | -                             |     | 18,817<br>5,610                                       |     | -                 |     | 18,817<br>5,610      |     | (1,599)                  |     | 17,218<br>5,550 |
| Remeasurements on net defined benefit liabilities   |                   |     | -           |     | -                |     | -                             |     | 5,610   |     | (14.071)          |     |                      |     | (60)                     |     | •               |
|   | 19,23,28          |     |             |     |                  |     |                               |     | 24 427  |     | (14,271)          |     | (14,271)             |     | (224)                    |     | (14,495)        |
| Total comprehensive income (loss) for the year  |                   |     |             |     | -                | -   |                               |     | 24,427  |     | 429,089           |     | 453,516              |     | 2,236                    |     | 455,752         |
| Transactions with equity holders of the parant  |                   |     |             |     |                  |     |                               |     |   |     |                   |     |                      |     |                          |     |                 |
| Interest payment in relation to the hybrid securities   | 23                |     | _           |     | _                |     | _                             |     | _   |     | (795)             |     | (795)                |     | _                        |     | (795)           |
| Dividends to equity holders of the parent   | 23                |     | _           |     | _                |     | _                             |     | _   |     | (78,743)          |     | (78,743)             |     | (4,250)                  |     | (82,993)        |
| Changes in the non-controlling interest   | 20                |     | _           |     | _                |     | _                             |     | _   |     | (. 0,0)           |     | (. 0,0)              |     | 2,366                    |     | 2,366           |
| Changes in consolidation  |                   |     | _           |     | _                |     | _                             |     | _   |     | _                 |     | _                    |     | 91,403                   |     | 91.403          |
| Changes in shares of subsidiaries   |                   |     | _           |     | (25,235)         |     | 67,617                        |     | _   |     | 510               |     | 42,892               |     | 1,055                    |     | 43,947          |
| Conversion of convertible bond  | 18                |     | 3,310       |     | 15,761           |     | -                             |     | _   |     | -                 |     | 19,071               |     | -,000                    |     | 19,071          |
| Others  |                   |     | -           |     | -                |     | _                             |     | _   |     | (3,539)           |     | (3,539)              |     | (638)                    |     | (4,177)         |
| Total transactions with equity holders of the parant  |                   |     | 3,310       |     | (9,474)          |     | 67,617                        |     |   |     | (82,567)          |     | (21,114)             |     | 89,936                   |     | 68,822          |
| As of December 31, 2019   |                   | ₩   | 400,489     | ₩   | 802,294          | ₩   | (9,428)                       | ₩   | (46,036)  | ₩   | 2,827,363         | ₩   | 3,974,682            | ₩   |                          | ₩   | 4,143,027       |
|   |                   |     |             |     |                  |     |                               |     |   |     |                   |     |                      |     |                          |     |                 |
| As of January 1, 2020   |                   | ₩   | 400,489     | ₩   | 802,294          | ₩   | (9,428)                       | ₩   | (46,036)  | ₩   | 2,827,363         | ₩   | 3,974,682            | ₩   | 168,345                  | ₩   | 4,143,027       |
| Total comprehensive income (loss)   | 23                |     |             |     |                  |     |                               |     |   |     | 311.695           |     | 311.695              |     | 17.981                   |     | 329.676         |
| Profit for the year   | 23<br>22.28       |     | -           |     | -                |     | -                             |     | (70,004)  |     | 311,695           |     | . ,                  |     | ,                        |     | ,-              |
| Gain on exchange differences on translations of foreign operations  | , -               |     | -           |     | -                |     | -                             |     | (76,664)  |     | -                 |     | (76,664)             |     | (26,024)                 |     | (102,688)       |
| Gain on valuation of derivative instruments   | 11,22,28          |     | -           |     | -                |     | -                             |     | 7,226   |     | -                 |     | 7,226                |     | (2,925)                  |     | 4,301           |
| Share of other comprehensive income of associates and joint ventures  | 12,28             |     | -           |     | -                |     | -                             |     | (1,917)   |     | -                 |     | (1,917)              |     | -                        |     | (1,917)         |
| Re-measurements on net defined benefit liabilities  | 19,23,28          |     | -           |     | -                |     |                               |     |   |     | 16,553            |     | 16,553               |     | (320)                    |     | 16,233          |
| Total comprehensive income (loss) for the year  |                   |     | -           |     | -                |     |                               | _   | (71,355)  |     | 328,248           |     | 256,893              |     | (11,288)                 |     | 245,605         |
| Transactions with equity holders of the parant  |                   |     |             |     |                  |     |                               |     |   |     |                   |     |                      |     |                          |     |                 |
| Interest payment in relation to the hybrid securities   | 23                |     |             |     |                  |     |                               |     |   |     | (398)             |     | (398)                |     |                          |     | (398)           |
| Redemption of hybrid securities   | 22                |     | -           |     | -                |     | (27,015)                      |     | -   |     | (396)             |     | (27,015)             |     | -                        |     | (27,015)        |
| Dividends to equity holders of the parent   | 23                |     | -           |     | -                |     | (27,013)                      |     | -   |     | (70.405)          |     | (79,405)             |     | (9,715)                  |     | (89,120)        |
| Changes in the non-controlling interest   | 23                |     | -           |     | -                |     | -                             |     | -   |     | (79,405)          |     | (79,403)             |     | 963                      |     | 963             |
| Changes in the non-controlling interest  Changes in consolidation   |                   |     | -           |     | -                |     | -                             |     | -   |     | 1,739             |     | 1,739                |     | 13,938                   |     | 15,677          |
| Changes in shares of subsidiaries   |                   |     | -           |     | 15               |     | -                             |     | -   |     |                   |     | 1,739                |     |                          |     | 15,077          |
| Conversion of convertible bond  | 18                |     | 3,052       |     | 13,333           |     | -                             |     | -   |     | (4)               |     |                      |     | (11)                     |     | 16 205          |
|   | 18                |     | ა,∪5∠       |     |                  |     | (272)                         |     | -   |     | (4.422)           |     | 16,385               |     | 0.665                    |     | 16,385          |
| Others  |                   |     | 3.052       |     | 13.382           |     | (273)                         |     |   |     | (1,433)           |     | (1,672)              |     | 8,665<br>13.840          |     | 6,993           |
| Total transactions with equity holders of the parant  |                   | 14/ |             | 14/ | -,               | 14/ | (27,288)                      | 14/ | (447.004)   | 141 | (79,501)          | 14/ | (90,355)             | 147 | -,                       | 14/ | (76,515)        |
| As of December 31, 2020   |                   | ₩   | 403,541     | ₩   | 815,676          | ₩   | (36,716)                      | ₩   | (117,391)   | ₩   | 3,076,110         | ₩   | 4,141,220            | ₩   | 170,897                  | ₩   | 4,312,117       |

The above consolidated statements of changes in equity should be read in conjunction with the accompanying notes.

## GS Engineering & Construction Corporation and Subsidiaries Consolidated Statements of Cash Flows Years Ended December 31, 2020 and 2019

| (in millions of Korean won) Notes                                    | 2020        | 2019        |
|--|-------------|-------------|
| Cash flows from operating activities                                 |             |             |
| Cash generated from operations                                       | ₩ 933,204   | ₩ 1,161,512 |
| Interest received  | 42,896      | 69,066      |
| Interest paid  | (135,124)   | (137,342)   |
| Dividends received   | 600         | 750         |
| Income tax paid  | (287,697)   | (334,716)   |
| Net cash inflow from operating activities                            | 553,879     | 759,270     |
| Cash flows from investing activities                                 |             |             |
| Decrease in other receivables  | 422,737     | 349,000     |
| Decrease in short-term financial assets                              | 255,489     | 520,789     |
| Decrease in long-term other receivables                              | 409,351     | 140,054     |
| Decrease in long-term financial assets                               | 408,352     | 71,809      |
| Disposal of financial assets at fair value through profit or loss    | 14,070      | 24,785      |
| Disposal of investments in associates                                | 210         | 291         |
| Disposal of property, plant and equipment                            | 30,136      | 7,045       |
| Disposal of intangible assets  | 15,672      | 1,308       |
| Disposal of investment properties                                    | 1,652       | 859         |
| Changes in consolidation   | -           | 9,786       |
| Increase in other receivables  | (359,020)   | (169,507)   |
| Increase in short-term financial assets                              | (246,291)   | (477,447)   |
| Increase in long-term other receivables                              | (404,105)   | (546,224)   |
| Increase in long-term financial assets                               | (330,330)   |             |
| Acquisition of financial assets at fair value through profit or loss | (12,371)    |             |
| Acquistition of investments in associates                            | (61,227)    | (24,680)    |
| Acquisition of property, plant and equipment                         | (127,651)   |             |
| Acquisition of intangible assets                                     | (18,388)    | (17,235)    |
| Acquisition of investment properties                                 | (60,902)    | (69,598)    |
| Acquisition of subsidiaries  | (206,370)   | (288,904)   |
| Changes in consolidation   |             | (7)         |
| Net cash outflow from investing activities                           | (268,986)   | (747,620)   |
| Cash flows from financing activities                                 |             |             |
| Increase in short-term financial liabilities                         | 1,074,040   | 2,155,082   |
| Increase in long-term financial liabilities                          | 1,712,400   | 1,025,746   |
| Increase in other non-current liabilities                            | 4,719       | 3,272       |
| Increase in non-controlling interests                                | 7,443       | 45,952      |
| Decrease in short-term financial liabilities                         | (1,885,403) |             |
| Decrease in other current liabilities                                | (8,471)     |             |
| Decrease in long-term financial liabilities                          | (636,401)   | ,           |
| Decrease in other non-current liabilities                            | (14,554)    |             |
| Acquisition of subsidiaries  | -           | (67,616)    |
| Dividends paid   | (89,167)    | ,           |
| Redemption of hybrid securities                                      | (27,426)    |             |
| Interest payment in relation to the hybrid securities                | (398)       |             |
| Payment of stock issuance costs                                      | (13)        |             |
| Payment of principal portion of lease liabilities                    | (85,836)    |             |
| Net cash inflow from financing activities                            | 50,933      | 183,527     |
| Net foreign exchange difference                                      | (9,863)     | 5,160       |
| Net increase in cash and cash equivalents                            | 325,963     | 200,337     |
| Cash and cash equivalents at the beginning of the year               | 1,792,956   | 1,592,619   |
| Cash and cash equivalents at the end of the year                     | ₩ 2,118,919 | ₩ 1,792,956 |

The above consolidated statements of cash flows should be read in conjunction with the accompanying notes.

## 1. General Information

General information of GS Engineering & Construction Corporation (the "Company") and its subsidiaries including Xi S&D Inc. (collectively referred to as the "Group") in accordance with Korean IFRS 1110 *Consolidated Financial Statement* are as follows.

## 1.1 Information of the Company

The Company was incorporated on December 19, 1969, under the laws of the Republic of Korea to engage in civil works and architectural construction, construction and sales of new houses, repairs and maintenance, overseas general construction and technology consultation. The Company acquired Lucky Foreign Construction Co., Ltd., LG Engineering Co., Ltd. and Baekyang Development Co., Ltd. on January 4, 1979, August 1, 1999 and October 1, 2000, respectively.

The Company listed its shares on the Korea Exchange on August 3, 1981, and changed its name from LG Engineering & Construction Co., Ltd. to GS Engineering & Construction Corporation on March 18, 2005. Also, in accordance with the *Monopoly Regulation and Fair Trade Act*, the Korea Fair Trade Commission has designated the Group as the related entities to GS Group and placed restrictions on mutual investments between the Group and the entities within GS Group.

As of December 31, 2020, the Company operates overseas branches and construction sites in several foreign countries, including the United Arab Emirates, Kuwait, China, Canada, China and Singapore.

The Company's issued capital as of December 31, 2020 amounts to ₩ 403,541 million.

## 1.2 Summary of the Consolidated Subsidiaries

|  | Percentage of ownership (%) |        |              |          | Principal<br>business   |
|--|-----------------------------|--------|--------------|----------|-------------------------|
| Name of subsidiary   | 2020                        | 2019   | Location     | Year end | activity                |
| Xi S&D Inc.  | 61.17                       | 61.17  | Korea        | 12.31    | Construction management |
| Xi - Estec Co., Ltd.   | 100.00                      | 100.00 | Korea        | 12.31    | Construction service    |
| GCS  | 100.00                      | 99.85  | Korea        | 12.31    | Service                 |
| BSM Co., Ltd.  | 100.00                      | 100.00 | Korea        | 12.31    | Processing              |
| Zeit O&M Co., Ltd.   | 100.00                      | 100.00 | Korea        | 12.31    | Service                 |
| GVESCO Corporation   | 100.00                      | 100.00 | Korea        | 12.31    | Service                 |
| Pohang Yeongliman Ocean Cable car Co., Ltd.  | 60.00                       | 60.00  | Korea        | 12.31    | Service                 |
| GPC Corp. <sup>1</sup>   | 100.00                      | -      | Korea        | 12.31    | Manufacture             |
| Xi Mechanics Corp. <sup>1</sup>  | 100.00                      | -      | Korea        | 12.31    | Manufacture             |
| Pavilion Professional Investment Private Placement Real Estate Investment Trust No. 40 1,2 | 100.00                      | -      | Korea        | 12.31    | Collective investment   |
| K Safe Salmon Co.,Ltd. <sup>1</sup>  | 62.38                       | -      | Korea        | 12.31    | Fishery                 |
| XIGEIST <sup>1</sup>   | 100.00                      | -      | Korea        | 12.31    | Manufacture             |
| Enerma Corp. <sup>1</sup>  | 100.00                      | -      | Korea        | 12.31    | Manufacture             |
| GVESCO Investment  Management Corp.1   | 100.00                      | -      | Korea        | 12.31    | Service                 |
| GS E&C Nanjing Co.,Ltd.  | 100.00                      | 100.00 | China        | 12.31    | Construction            |
| Vietnam GS Industry One-<br>Member LLC   | 100.00                      | 100.00 | Vietnam      | 12.31    | Real estate             |
| Vietnam GS Enterprise One<br>Member LLC  | 100.00                      | 100.00 | Vietnam      | 12.31    | Real estate             |
| ZEITGEIST EDUCATION CO.,<br>LTD <sup>1</sup>   | 100.00                      | -      | Vietnam      | 12.31    | Service                 |
| GS E&C Delhi Pvt. Ltd.   | 100.00                      | 100.00 | India        | 3.31     | Construction service    |
| GS Engineering & Construction Mumbai Pvt. Ltd.   | 100.00                      | 100.00 | India        | 3.31     | Construction service    |
| PT. GSENC Development Indonesia  | 100.00                      | 100.00 | Indonesia    | 12.31    | Construction service    |
| GS Construction Arabia Co.,Ltd. <sup>2</sup>   | 100.00                      | 100.00 | Saudi Arabia | 12.31    | Construction            |
| GS Real Estate Development Company   | 100.00                      | 100.00 | Saudi Arabia | 12.31    | Construction            |
| GS Construction Middle East L.L.C. <sup>3</sup>  | 49.00                       | 49.00  | UAE          | 12.31    | Construction            |
| GS E&C Thai Co., Ltd. <sup>4</sup>   | -                           | 49.00  | Thailand     | 8.31     | Real estate             |
| GS E&C Poland SP.ZO.O  | 100.00                      | 100.00 | Poland       | 12.31    | Construction            |
| Danwood S.A. <sup>1</sup>  | 100.00                      | -      | Poland       | 12.31    | Construction            |
| Danwood GmbH¹  | 100.00                      | -      | Poland       | 12.31    | Construction            |
| GS Engineering & Construction Spain, S.L.  | 100.00                      | 100.00 | Spain        | 12.31    | Construction            |
| GS Inima Environment S.A.U. <sup>5</sup>   | 100.00                      | 100.00 | Spain        | 12.31    | Construction            |

|  | Percentage of ownership (%) |        |           |          | Principal<br>business |
|--|-----------------------------|--------|-----------|----------|-----------------------|
| Name of subsidiary   | 2020                        | 2019   | Location  | Year end | activity              |
| Chervona Gora EKO  | 100.00                      | 100.00 | Ukraine   | 12.31    | Construction          |
| GS E&C Ukraine, LLC  | 100.00                      | 100.00 | Ukraine   | 12.31    | Construction          |
| Elements (Europe) Limited <sup>1</sup>                             | 75.00                       | -      | UK        | 12.31    | Construction          |
| GS Real Estate Development<br>Company London LTD. <sup>1</sup>     | 100.00                      | -      | UK        | 12.31    | Real estate           |
| GS E&C Construction Canada Ltd.                                    | 100.00                      | 100.00 | Canada    | 12.31    | Construction          |
| GS E&C Panama S.A.   | 100.00                      | 100.00 | Panama    | 12.31    | Lease                 |
| GS Village Lake LLC  | 100.00                      | 100.00 | USA       | 12.31    | Real estate           |
| GS Property Mountain View LLC                                      | 100.00                      | 100.00 | USA       | 12.31    | Real estate           |
| GS MIRAMAR 700 EC, LLC   | 90.00                       | 90.00  | USA       | 12.31    | Real estate           |
| 777 WMF, LLC <sup>1</sup>  | 100.00                      | -      | USA       | 12.31    | Real estate           |
| GS MIRAMAR VILLAGE LAKES<br>MANAGER, LLC <sup>1</sup>              | 80.00                       | -      | USA       | 12.31    | Real estate           |
| CDCF III FORTBAY MV, LLC <sup>1</sup>                              | 91.52                       | -      | USA       | 12.31    | Real estate           |
| GS Redlands, LLC <sup>1</sup>                                      | 100.00                      | -      | USA       | 12.31    | Construction          |
| 700 EC PROPERTY, LLC   | 90.00                       | 90.00  | USA       | 12.31    | Real estate           |
| MOUNTAIN VIEW MEZZ, LLC <sup>1</sup>                               | 91.52                       | -      | USA       | 12.31    | Real estate           |
| MOUNTAIN VIEW OWNER, LLC1  | 91.52                       | -      | USA       | 12.31    | Real estate           |
| PALA-POWER GENERAL<br>CONSRUCTION SERVICE<br>(PROPRIETARY) LIMITED | 100.00                      | 100.00 | Botswana  | 12.31    | Construction          |
| GS Engineering & Construction Australia Pty Ltd                    | 100.00                      | 100.00 | Australia | 12.31    | Construction          |

<sup>&</sup>lt;sup>1</sup> Newly included in consolidation for the year ended December 31, 2020.

<sup>&</sup>lt;sup>2</sup> Includes securities held by subsidiaries.

<sup>&</sup>lt;sup>3</sup> In accordance with a contractual arrangement with other shareholders, the Group is able to exercise control over the entity and has been included in consolidation.

<sup>&</sup>lt;sup>4</sup> Liquidated and excluded from the consolidated subsidiaries for the year ended December 31, 2020.

<sup>&</sup>lt;sup>5</sup> Summarized information of its subsidiaries are as follows:

| Name of subsidiary                                  | Location | Principal<br>business<br>activity | Year<br>end | Percentage<br>of<br>ownership<br>(%) |
|---|----------|-----------------------------------|-------------|--------------------------------------|
| Aguas de Ensenada, S.A. de C.V.                     | Mexico   | Construction                      | 12.31       | 100.00                               |
| Ambient Servicos Ambientais de Ribeirao Preto, S.A. | Brazil   | Construction                      | 12.31       | 100.00                               |
| Aquaria Water LLC                                   | USA      | Construction                      | 12.31       | 87.50                                |
| Araucaria Saneamento, S.A.                          | Brazil   | Construction                      | 12.31       | 51.00                                |
| GS Inima Chile S.A.                                 | Chile    | Construction                      | 12.31       | 100.00                               |
| GS Inima Mexico, S.A. de C.V.                       | Mexico   | Construction                      | 12.31       | 100.00                               |
| GS Inima USA Construction Corporation               | USA      | Construction                      | 12.31       | 100.00                               |
| GS Inima USA Corporation                            | USA      | Construction                      | 12.31       | 100.00                               |
| GS Inima Brasil Ltda.                               | Brazil   | Construction                      | 12.31       | 100.00                               |
| Promoaqua Desalacion de los Cabos, S.A. de C.V.     | Mexico   | Construction                      | 12.31       | 100.00                               |
| Saneamento do Vale do Paraiba, S.A.                 | Brazil   | Construction                      | 12.31       | 50.10                                |
| Servicos de Saneamento de Mogi Mirim, S.A.          | Brazil   | Construction                      | 12.31       | 64.00                                |
| Tecnicas y Gestion Medioambiental, S.A.             | Spain    | Construction                      | 12.31       | 100.00                               |
| Tractament Metropolita de Fangs, S.L.               | Spain    | Construction                      | 12.31       | 50.40                                |
| CASINIMA - Empreitada Ponte da Baia, A.C.E.         | Portugal | Construction                      | 12.31       | 50.00                                |
| GS Inima Servicios Corporativos, S.A. de C.V.       | Mexico   | Construction                      | 12.31       | 100.00                               |
| SOCIEDAD DE ECONOMIA MIXTA AGUAS DE SORIA S.L.      | Spain    | Construction                      | 12.31       | 59.20                                |
| VALORINIMA S.L.                                     | Spain    | Construction                      | 12.31       | 80.00                                |
| Sanama Saneamento Alta Maceio S.A.                  | Brazil   | Construction                      | 12.31       | 60.00                                |
| INIMA-CVV S.A.                                      | Chile    | Construction                      | 12.31       | 65.00                                |
| CAEPA COMPANHIA DE AGUA E EGOSTO DE PARIBUNA S.A.   | Brazil   | Construction                      | 12.31       | 95.00                                |
| COMASA COMPANHIA AGUAS DE SANTA RITA S.A            | Brazil   | Construction                      | 12.31       | 75.00                                |
| SAMAR SOLUCOES AMBIENTAIS DE ARACATUBA S.A.         | Brazil   | Construction                      | 12.31       | 100.00                               |
| Inima Water Services, S.L.                          | Spain    | Construction                      | 12.31       | 100.00                               |
| GS Inima Water Management S.L.                      | Spain    | Construction                      | 12.31       | 100.00                               |
| GS Inima Inversiones S.L.U.                         | Spain    | Construction                      | 12.31       | 100.00                               |
| GS Inima Gestion S.L.U.                             | Spain    | Construction                      | 12.31       | 100.00                               |
| Shariket Miyeh Ras Djinet, Spa <sup>1</sup>         | Algeria  | Construction                      | 12.31       | 25.49                                |
| GS Inima Environment Colombia S.A.S                 | Colombia | Construction                      | 12.31       | 100.00                               |
| GS Inima Industrial S.A.                            | Brazil   | Construction                      | 12.31       | 100.00                               |
| Aquapolo Ambiental S.A.                             | Brazil   | Construction                      | 12.31       | 51.00                                |
| Jeceaba Ambiental S.A.                              | Brazil   | Construction                      | 12.31       | 84.50                                |
| Distribuidora de Aguas Triunfo S.A.                 | Brazil   | Construction                      | 12.31       | 100.00                               |
| GS Inima Servicos de Saneamento Eireli              | Brazil   | Construction                      | 12.31       | 100.00                               |
| Ouro Preto Servicos de Saneamento S.A Saneouro      | Brazil   | Construction                      | 12.31       | 60.00                                |

<sup>&</sup>lt;sup>1</sup> In accordance with a contractual arrangement with other shareholders, the Group is able to exercise control over the entity and has been included in consolidation.

## 1.3 Summarized Financial Information

| (in millions of Korean won)                                       |           |             | 2020      |           |                            |  |
|---|-----------|-------------|-----------|-----------|----------------------------|--|
|   | Assets    | Liabilities | Equity    | Sales     | Profit (loss) for the year |  |
|   | Assets    | LIADIIILIES | Equity    | Sales     | ior the year               |  |
| Xi S&D Inc.   | ₩ 414,088 | ₩ 251,574   | ₩ 162,514 | ₩ 356,212 | ₩ 20,880                   |  |
| Xi - Estec Co., Ltd.  | 815       | 350         | 465       | 4,253     | 44                         |  |
| GCS   | 24,196    | 5,852       | 18,344    | 58,408    | 1,203                      |  |
| BSM Co., Ltd.   | 3,651     | 1,427       | 2,224     | 12,679    | 1,187                      |  |
| Zeit O&M Co., Ltd.  | 17,498    | 13,109      | 4,389     | 60,990    | (5,165)                    |  |
| GVESCO Corporation  | 5,278     | 492         | 4,786     | 1,289     | 157                        |  |
| Pohang Yeongliman Ocean Cable                                     | 0,2.0     | .02         | .,. 00    | .,=55     |                            |  |
| car Co., Ltd.   | 6,225     | 2,008       | 4,217     | -         | (388)                      |  |
| GPC Corp.   | 50,256    | 4,538       | 45,718    | _         | (559)                      |  |
| Xi Mechanics Corp.  | 4,787     | 83          | 4,704     | -         | (296)                      |  |
| Pavilion Professional Investment<br>Private Placement Real Estate | ,         |             | ŕ         |           | ,                          |  |
| Investment Trust No. 40   | 8,814     | 14          | 8,800     | 1         | (63)                       |  |
| K Safe Salmon Co.,Ltd.  | 2,547     | -           | 2,547     | -         | (18)                       |  |
| XIGEIST   | 3,449     | -           | 3,449     | -         | (56)                       |  |
| Enerma Corp.  | 4,972     | -           | 4,972     | -         | (28)                       |  |
| GS E&C Nanjing Co.,Ltd.   | 143,438   | 120,144     | 23,294    | 174,618   | 11,052                     |  |
| Vietnam GS Industry One-  |           |             |           |           |                            |  |
| Member LLC  | 307,490   | 295,485     | 12,005    | 4,842     | (11,778)                   |  |
| Vietnam GS Enterprise One   |           |             |           |           |                            |  |
| Member LLC  | 383,661   | 440,469     | (56,808)  | -         | (3,671)                    |  |
| GS E&C Delhi Pvt. Ltd.  | 14,654    | 17,239      | (2,585)   | 7,312     | (6,704)                    |  |
| GS Engineering & Construction                                     | 44.200    | 47.040      | (2,000)   | 0.075     | (7.000)                    |  |
| Mumbai Pvt. Ltd.<br>PT. GSENC Development                         | 14,306    | 17,312      | (3,006)   | 8,875     | (7,633)                    |  |
| Indonesia   | 22,460    | 1,227       | 21,233    | _         | (338)                      |  |
| ZEITGEIST EDUCATION CO.,  | 22, 100   | ,,,         | 21,200    |           | (000)                      |  |
| LTD   | 318       | -           | 318       | _         | -                          |  |
| GS Construction Arabia Co.,Ltd.                                   | 39,403    | 748,732     | (709,329) | 141,969   | (58,639)                   |  |
| GS Construction Middle East                                       |           |             |           |           | , ,                        |  |
| L.L.C.  | 7,312     | 20,598      | (13,286)  | 6,587     | (5,830)                    |  |
| GS Real Estate Development  |           |             |           |           | (                          |  |
| Company   | 281       | 125         | 156       | -         | (432)                      |  |
| GS E&C Poland SP.ZO.O <sup>1</sup>                                | 468,763   | 257,059     | 211,704   | 274,013   |                            |  |
| GS Inima Environment S.A.U. <sup>1</sup>                          | 1,148,222 | 605,195     | 543,027   | 295,648   | 30,378                     |  |
| GS Engineering & Construction Spain, S.L.                         | 136,573   | 40,199      | 96,374    | 1,421     | (4,474)                    |  |
| Chervona Gora EKO   | 27,100    | 21,842      | 5,258     | 3,990     |                            |  |
| GS E&C Ukraine, LLC   | 21,100    | 21,042      | 3,236     | 3,990     | (1,093)                    |  |
| Elements (Europe) Limited   | 20 207    | 2 200       | 20.020    | 22,192    | -                          |  |
| GS Real Estate Development  | 32,327    | 3,389       | 28,938    | 22, 192   | 4                          |  |
| Company London LTD  | 222       | 1           | 221       | _         | (1)                        |  |
| GS E&C Construction Canada  |           | ·           | :         |           | (1)                        |  |
| Ltd.  | 111       | 1,338       | (1,227)   | -         | 1                          |  |
| GS E&C Panama S.A.  | 1,091     | -           | 1,091     | -         | 11                         |  |
|   |           |             |           |           |                            |  |

| (in millions of Korean won)                         |         |             | 2020    |       |                               |
|---|---------|-------------|---------|-------|-------------------------------|
|   | Assets  | Liabilities | Equity  | Sales | Profit (loss)<br>for the year |
| GS Village Lake LLC                                 | 38,271  | 2,202       | 36,069  | -     | (3,403)                       |
| GS Property Mountain View LLC                       | 22,395  | 5,735       | 16,660  | -     | 830                           |
| GS MIRAMAR 700 EC, LLC <sup>1</sup>                 | 44,122  | 29,218      | 14,904  | 4,223 | 740                           |
| 777 WMF, LLC  | 21,976  | -           | 21,976  | -     | (2)                           |
| GS MIRAMAR VILLAGE LAKES                            |         |             |         |       |                               |
| MANAGER, LLC  | 27,200  | -           | 27,200  | -     | -                             |
| CDCF III FORTBAY MV, LLC <sup>1</sup>               | 177,886 | 164,623     | 13,263  | 5,993 | (6,779)                       |
| GS Redlands, LLC                                    | 5,840   | -           | 5,840   | -     | (38)                          |
| PALA-POWER GENERAL CONSRUCTION SERVICE(PROPRIETARY) |         |             |         |       |                               |
| LIMITED   | 29      | 67          | (38)    | -     | (6)                           |
| GS Engineering & Construction                       | 47.055  | 04.440      | (4.050) |       | (4.0.40)                      |
| Australia Pty Ltd                                   | 17,055  | 21,113      | (4,058) | -     | (1,942)                       |

<sup>&</sup>lt;sup>1</sup> Includes financial information of subsidiaries.

| (in millions of Korean won)     |           |             | 2019        |           |                 |
|---------------------------------|-----------|-------------|-------------|-----------|-----------------|
|                                 |           |             |             |           | Profit (loss)   |
|                                 | Assets    | Liabilities | Equity      | Sales     | for the year    |
| Xi S&D Inc.                     | ₩ 278,481 | ₩ 133,345   | ₩ 145,136 ₩ | ∀ 277,945 | ₩ 12,433        |
| Xi - Estec Co., Ltd.            | 894       | 473         | 421         | 4,613     | 20              |
| GCS                             | 24,479    | 7,338       | 17,141      | 64,257    | 2,444           |
| BSM Co., Ltd.                   | 4,084     | 2,022       | 2,062       | 18,161    | 1,858           |
| Zeit O&M Co., Ltd.              | 18,925    | 9,371       | 9,554       | 67,089    | 496             |
| GVESCO Corporation              | 5,031     | 376         | 4,655       | -         | (345)           |
| Pohang Yeongliman Ocean Cable   | 3,00.     | 0.0         | .,000       |           | (0.0)           |
| car Co., Ltd.                   | 6,696     | 2,091       | 4,605       | -         | (395)           |
| GS E&C Nanjing Co.,Ltd.         | 181,176   | 139,385     | 41,791      | 362,893   | 28,055          |
| Vietnam GS Industry One-        |           |             |             |           |                 |
| Member LLC                      | 224,008   | 199,912     | 24,096      | -         | (1,814)         |
| Vietnam GS Enterprise One       |           |             |             |           |                 |
| Member LLC                      | 378,836   | 435,528     | (56,692)    | 14,773    | (21,439)        |
| GS E&C Delhi Pvt. Ltd.          | 14,274    | 15,641      | (1,367)     | 8,231     | (7,305)         |
| GS Engineering & Construction   |           |             |             |           |                 |
| Mumbai Pvt. Ltd.                | 14,766    | 10,268      | 4,498       | 7,268     | (10,097)        |
| GS E&C Thai Co., Ltd.           | 36        | -           | 36          | -         | -               |
| GS E&C MALAYSIA SDN.BHD.        | -         | -           | -           | -         | (21)            |
| PT. GSENC Development           |           |             |             |           |                 |
| Indonesia                       | 24,248    | 1,106       | 23,142      | -         | (1,045)         |
| GS Construction Arabia Co.,Ltd. | 53,434    | 750,801     | (697,367)   | 11,807    | (27,486)        |
| GS Saudi Co., Ltd.              | _         | _           | ·           | _         | · · · · · · · - |
| GS Construction Middle East     |           |             |             |           |                 |
| L.L.C.                          | 2,580     | 10,998      | (8,418)     | 253       | (7,253)         |
| GS Real Estate Development      |           |             |             |           |                 |
| Company                         | 155       | 29          | 126         | -         | (28)            |

| (in millions of Korean won)            | 2019      |             |         |         |                               |
|--|-----------|-------------|---------|---------|-------------------------------|
|  | Assets    | Liabilities | Equity  | Sales   | Profit (loss)<br>for the year |
| GS E&C Poland SP.ZO.O                  | 365       | 302         | 63      | -       | 2                             |
| GS Engineering & Construction          |           |             |         |         |                               |
| Spain, S.L.                            | 134,141   | 43,827      | 90,314  | 4,525   | (3,556)                       |
| GS Inima Environment S.A. <sup>1</sup> | 1,453,639 | 927,948     | 525,691 | 287,856 | 23,467                        |
| Chervona Gora EKO                      | 24,980    | 15,894      | 9,086   | -       | 365                           |
| GS E&C Ukraine, LLC                    | -         | _           | -       | -       | -                             |
| GS E&C Construction Canada             |           |             |         |         |                               |
| Ltd.                                   | 129       | 1,405       | (1,276) | -       | 9                             |
| GS E&C Panama S.A.                     | 1,172     | 22          | 1,150   | -       | -                             |
| GS Village Lake LLC                    | 17,222    | 2,246       | 14,976  | -       | (113)                         |
| GS Property Mountain View LLC          | 28,556    | 11,641      | 16,915  | -       | 737                           |
| GS MIRAMAR 700 EC, LLC <sup>1</sup>    | 47,812    | 31,126      | 16,686  | 4,523   | 829                           |
| PALA-POWER GENERAL                     |           |             |         |         |                               |
| CONSRUCTION                            | 30        | 65          | (35)    | -       | (7)                           |
| GS Engineering & Construction          |           |             |         |         |                               |
| Australia Pty Ltd                      | 12,282    | 14,279      | (1,997) | -       | (1,364)                       |

<sup>&</sup>lt;sup>1</sup> Includes financial information of subsidiaries.

The summarized financial information of the subsidiaries is based on amounts before inter-company eliminations. If the significant accounting treatments of the subsidiaries are different from those of the Company, such differences are adjusted.

## 2. Basis of Preparation and a Summary of Significant Accounting Policies

#### 2.1 Basis of Preparation

The Group maintains its accounting records in Korean won and prepares statutory financial statements in the Korean language (Hangul) in accordance with International Financial Reporting Standards as adopted by the Republic of Korea (Korean IFRS). The accompanying consolidated financial statements have been condensed, restructured and translated into English from the Korean language financial statements.

Certain information attached to the Korean language financial statements, but not required for a fair presentation of the Group's financial position, financial performance or cash flows, is not presented in the accompanying consolidated financial statements.

The consolidated financial statements of the Group have been prepared in accordance with Korean IFRS. These are the standards, subsequent amendments and related interpretations issued by the International Accounting Standards Board (IASB) that have been adopted by the Republic of Korea.

The consolidation financial statements have been prepared on a historical cost basis, except for investment properties, land and buildings classified as property, plant and equipment, derivative financial instruments, debt and equity securities of financial assets, contingent consideration and non-cash distribution liabilities that have been measured at fair value. The carrying values of recognized assets and liabilities that are designated as hedged items in fair value hedges that would otherwise be carried at amortized cost are adjusted to record changes in the fair values attributable to the risks that are being hedged in effective hedge relationships. The consolidation financial statements are presented in Korean won (KRW) and all values are rounded to the nearest millions, except when otherwise indicated.

#### 2.2 Basis of Consolidation

The consolidated financial statements comprise the financial statements of the Company and its subsidiaries as of December 31, 2020. Control is achieved when the Group is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee. Specifically, the Group controls an investee if, and only if, the Group has:

- Power over the investee (i.e., existing rights that give it the current ability to direct the relevant activities of the investee)
- Exposure, or rights, to variable returns from its involvement with the investee, and
- The ability to use its power over the investee to affect its returns

When the Group has less than a majority of the voting or similar rights of an investee, the Group considers all relevant facts and circumstances in assessing whether it has power over an investee, including:

The contractual arrangement with the other vote holders of the investee

- · Rights arising from other contractual arrangements
- The Group's voting rights and potential voting rights

The Group re-assesses 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. Consolidation of a subsidiary begins when the Group obtains control over the subsidiary and ceases when the Group loses control of the subsidiary. Assets, liabilities, income and expenses of a subsidiary acquired or disposed of during the year are included in the statement of profit or loss from the date the Group gains control until the date the Group ceases to control the subsidiary.

Profit or loss and each component of other comprehensive income (OCI) are attributed to the equity holders of the parent of the Group 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 intra-group assets and liabilities, equity, income, expenses and cash flows relating to transactions between members of the Group are eliminated in full on consolidation.

A change in the ownership interest of a subsidiary, without a loss of control, is accounted for as an equity transaction.

If the Group loses control over a subsidiary, it derecognizes the related assets (including goodwill), liabilities, non-controlling interest and other components of equity, while any resultant gain or loss is recognized in profit or loss. Any investment retained is recognized at fair value.

## 2.3 Summary of Significant Accounting Policies

#### 2.3.1 Business Combinations and Goodwill

Business combinations are accounted for using the acquisition method. The cost of an acquisition is measured as the aggregate of the consideration transferred, which is measured at acquisition date fair value, and the amount of any non-controlling interests in the acquiree. For each business combination, the Group elects whether to measure the non-controlling interests in the acquiree at fair value or at the proportionate share of the acquiree's identifiable net assets. Acquisition-related costs are expensed as incurred.

When the Group acquires a business, it assesses the financial assets and liabilities assumed for appropriate classification and designation in accordance with the contractual terms, economic circumstances and pertinent conditions as of the acquisition date. This includes the separation of embedded derivatives in host contracts by the acquiree. If the business combination is achieved in stages, any previously held equity interest is re-measured at its acquisition date fair value and any resulting gain or loss is recognized in profit or loss.

The consideration the acquirer transfers in exchange for the acquiree includes any asset or liability resulting from a contingent consideration arrangement. The acquirer shall recognize the acquisition-

date fair value of contingent consideration as part of the consideration transferred in exchange for the acquiree. Contingent consideration classified as assets or liabilities within the scope of Korean IFRS 1109 shall be measured at fair value at each reporting date and changes in fair value shall be recognized in profit or loss, or other comprehensive income, in accordance with Korean IFRS 1109. Contingent consideration classified as equity shall not be remeasured and its subsequent settlement shall be accounted for within equity. Other contingent consideration that is not within the scope of Korean IFRS 1109 shall be measured in accordance with other appropriate standards.

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.

After initial recognition, goodwill is measured at cost less any accumulated impairment losses. For the purpose of impairment testing, goodwill acquired in a business combination is, from the acquisition date, allocated to each of the Group's cash-generating units that are expected to benefit from the combination, irrespective of whether other assets or liabilities of the acquiree are assigned to those units.

Where goodwill has been allocated to a cash-generating unit and part of the operation within that unit is disposed of, the goodwill associated with the disposed operation is included in the carrying amount of the operation when determining the gain or loss on disposal. Goodwill disposed in these circumstances is measured based on the relative values of the disposed operation and the portion of the cash-generating unit retained.

## 2.3.2 Investment 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 type of joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the joint venture. 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 considerations made in determining significant influence or joint control are similar to those necessary to determine control over subsidiaries.

The Group's investments in its associate and joint venture are accounted for using the equity method. Under the equity method, the investment in an associate or a joint venture is initially recognized at cost. The carrying amount of the investment is adjusted to recognize changes in the Group's share of net assets of the associate or joint venture since the acquisition date. Goodwill relating to the associate or joint venture is included in the carrying amount of the investment and is neither amortized nor individually tested for impairment.

The statement of profit or loss reflects the Group's share of the results of operations of the associate or joint venture. Any change in OCI of those investees is presented as part of the Group's OCI. In addition, when there has been a change recognized directly in the equity of the associate or joint venture, the Group recognizes its share of any changes, when applicable, in the statement of changes in equity. Unrealized gains and losses resulting from transactions between the Group and the associate or joint venture are eliminated to the extent of the interest in the associate or joint venture.

The aggregate of the Group's share of profit or loss of an associate and a joint venture is shown on the face of the statement of profit or loss outside operating profit and represents profit or loss after tax and non-controlling interests in the subsidiaries of the associate or joint venture.

The financial statements of the associate or joint venture are prepared for the same reporting period as the Company. When necessary, adjustments are made to bring the accounting policies in line with those of the Group.

After application of the equity method, the Group determines whether it is necessary to recognize an impairment loss on its investment in its associate or joint venture. The Group determines whether there is objective evidence that the investment in the associate or joint venture is impaired.

The Group calculates the amount of impairment as the difference between the recoverable amount of the associate or joint venture and its carrying value, then recognizes the loss as 'Share of profit of an associate and a joint venture' in the statement of profit or loss.

Upon loss of significant influence over the associate or joint control over the joint venture, the Group measures and recognizes any retained investment at its fair value. Any difference between the carrying amount of the associate or joint venture upon loss of significant influence or joint control and the fair value of the retained investment and proceeds from disposal is recognized in profit or loss.

## 2.3.3 Segment Reporting

Operating segments are reported in a manner consistent with the internal reporting provided to the chief operating decision-maker (Note 4). The chief operating decision-maker, who is responsible for allocating resources and assessing performance of the operating segments, has been identified as the board of directors who is responsible for the Group's strategic decisions.

#### 2.3.4 Current versus Non-current Classification

The Group presents assets and liabilities in the statement of financial position based on current/non-current classification.

An asset is current when it is:

- Expected to be realized or intended to be sold or consumed in the normal operating cycle
- Held primarily for the purpose of trading
- Expected to be realized within twelve months after the reporting period, or

 Cash or cash equivalent unless restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period

All other assets are classified as non-current.

## A liability is current when:

- It is expected to be settled in the normal operating cycle
- It is held primarily for the purpose of trading
- It is due to be settled within twelve months after the reporting period, or
- There is no unconditional right to defer the settlement of the liability for at least twelve months after the reporting period

The Group classifies all other liabilities as non-current. However, deferred tax assets and liabilities are classified as non-current assets and liabilities.

#### 2.3.5 Fair Value Measurement

The Group measures financial instruments such as derivatives at fair value at each balance sheet date. Fair values of financial instruments and fair value hierarchy are disclosed in Note 33.

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. The fair value measurement is based on the presumption that the transaction to sell the asset or transfer the liability takes place either:

- In the principal market for the asset or liability, or
- In the absence of a principal market, in the most advantageous market for the asset or liability

The principal or the most advantageous market must be accessible by the Group.

The fair value of an asset or a liability is measured using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act in their economic best interest.

The Group uses valuation techniques that are appropriate in the circumstances and for which sufficient data are available to measure fair value, maximizing the use of relevant observable inputs and minimizing the use of unobservable inputs.

All assets and liabilities for which fair value is measured or disclosed in the consolidated financial statements are categorized within the fair value hierarchy, described as follows, based on the lowest

level input that is significant to the fair value measurement as a whole:

- Level 1 Quoted (unadjusted) market prices in active markets for identical assets or liabilities
- Level 2 Valuation techniques for which the lowest level input that is significant to the fair value measurement is directly or indirectly observable
- Level 3 Valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable

For assets and liabilities that are recognized in the consolidated financial statements on a recurring basis, the Group determines whether transfers have occurred between levels in the hierarchy by reassessing categorization (based on the lowest level input that is significant to the fair value measurement as a whole) at the end of each reporting period.

For the purpose of fair value disclosures, the Group has determined classes of assets and liabilities on the basis of the nature, characteristics and risks of the asset or liability and the level of the fair value hierarchy, as explained above.

#### 2.3.6 Foreign Currency Translation

The Group's financial statements are presented in Korean won, which is also the Group's functional and reporting currency.

## (1) Transactions and balances

Transactions in foreign currencies are initially recorded by the Group's entities at their respective functional currency spot rates at the date the transaction first qualifies for recognition. Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency spot rates of exchange at the reporting date. Differences arising on settlement or translation of monetary items are recognized in profit or loss.

Non-monetary items that are measured in terms of historical cost in a foreign currency are translated using the exchange rates at the dates of the initial transactions. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value is determined. The gain or loss arising on translation of non-monetary items measured at fair value is treated in line with the recognition of gain or loss on change in fair value of the item (i.e., translation differences on items whose fair value gain or loss is recognized in other comprehensive income or profit or loss is also recognized in other comprehensive income or profit or loss, respectively).

In determining the spot exchange rate to use on initial recognition of the related asset, expense or income (or part of it) on the derecognition of a non-monetary asset or non-monetary liability relating to advance consideration, the date of the transaction is the date on which the Group initially recognizes the non-monetary asset or non-monetary liability arising from the advance consideration. If there are multiple payments or receipts in advance, The Group determines the transaction date for each payment or receipt of advance consideration.

## (2) Translation to the presentation currency

The results and financial position of foreign operations that have a functional currency different from the presentation currency are translated into the presentation currency as follows:

- assets and liabilities for each statement of financial position presented are translated at the closing rate at the end of the reporting period,
- income and expenses for each statement of profit or loss are translated at average exchange rates,
- equity is translated at the historical exchange rate, and
- all resulting exchange differences are recognized in other comprehensive income.

#### (3) Translation in foreign operations

The assets and liabilities of foreign operations are translated into Korean won at the rate of exchange prevailing at the reporting date and their statements of income and their income statements are translated at exchange rates prevailing at the dates of the transactions. The exchange differences arising on translation of foreign operations are recognized in other comprehensive income (OCI). On disposal of a foreign operation, the component of OCI relating to that particular foreign operation is recognized in profit or loss.

## 2.3.7 Financial Instruments - Initial Recognition and Subsequent Measurement

- (1) Financial assets
- 1) Initial recognition and measurement

The Group classifies financial assets, as subsequently measured at amortized cost, fair value through other comprehensive income (OCI), and fair value through profit or loss.

The classification of financial assets at initial recognition depends on the financial asset's contractual cash flow characteristics and the Group's business model for managing them. With the exception of trade receivables that do not contain a significant financing component or for which the Group has applied the practical expedient, the Group initially measures a financial asset at its fair value. And, in the case of a financial asset not at fair value through profit or loss, transaction costs are adjusted. Trade receivables that do not contain a significant financing component or for which the Group has applied the practical expedient are measured at the transaction price determined under Korean IFRS 1115.

In order to a financial asset to be classified and measured at amortized cost or fair value through OCI, it needs to give rise to cash flows that are 'solely payments of principal and interest (SPPI)' on the principal amount outstanding. This assessment is referred to as the SPPI test and is performed at an instrument level.

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The Group's business model for managing financial assets refers to how it manages its financial assets in order to generate cash flows. The business model determines whether cash flows will result from collecting contractual cash flows, selling the financial assets, or both.

Purchases or sales of financial assets that require delivery of assets within a time frame established by regulation or convention in the market place (regular way trades) are recognized on the trade date, i.e., the date that the Group commits to purchase or sell the asset.

#### 2) Subsequent measurement

For purposes of subsequent measurement, financial assets are classified in four categories:

- Financial assets at amortized cost (debt instruments)
- Financial assets at fair value through OCI with recycling of cumulative gains and losses (debt instruments)
- Financial assets designated at fair value through OCI with no recycling of cumulative gains and losses upon derecognition (equity instruments)
- Financial assets at fair value through profit or loss
- (1) Financial assets at amortized cost (debt instruments)

The Group measures financial assets at amortized cost if both of the following conditions are met:

- The financial asset is held within a business model with the objective to hold financial assets in order to collect contractual cash flows, and
- The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding

Financial assets at amortized cost are subsequently measured using the effective interest rate (EIR) method and are subject to impairment. Gains and losses are recognized in profit or loss when the asset is derecognized, modified or impaired.

② Financial assets at fair value through OCI (debt instruments)

The Group measures debt instruments at fair value through OCI if both of the following conditions are met:

- The financial asset is held within a business model with the objective of both holding to collect contractual cash flows and selling, and
- The contractual terms of the financial asset give rise on specified dates to cash flows that are solely payments of principal and interest on the principal amount outstanding

For debt instruments at fair value through OCI, interest income, foreign exchange revaluation and impairment losses or reversals are recognized in the statement of income and computed in the same manner as for financial assets measured at amortized cost. The remaining fair value changes are recognized in OCI. Upon derecognition, the cumulative fair value change recognized in OCI is recycled to profit or loss.

## 3 Financial assets designated at fair value through OCI (equity instruments)

Upon initial recognition, the Group can elect to classify irrevocably its equity investments as equity instruments designated at fair value through OCI when they meet the definition of equity under Korean IFRS 1032 *Financial Instruments: Presentation* and are not held for trading. The classification is determined on an instrument-by-instrument basis. Gains and losses on these financial assets are never recycled to profit or loss. Dividends are recognized as other income in the statement of income when the right of payment has been established, except when the Group benefits from such proceeds as a recovery of part of the cost of the financial asset, in which case, such gains are recorded in OCI. Equity instruments designated at fair value through OCI are not subject to impairment assessment.

## 4 Financial assets at fair value through profit or loss

Financial assets at fair value through profit or loss include financial assets held for trading and financial assets designated upon initial recognition at fair value through profit or loss. Financial assets are classified as held for trading if they are acquired for the purpose of selling or repurchasing in the near term. Derivatives, including separated embedded derivatives, are also classified as held for trading unless they are designated as effective hedging instruments. Financial assets with cash flows that are not solely payments of principal and interest are classified and measured at fair value through profit or loss, irrespective of the business model. Notwithstanding the criteria for debt instruments to be classified at amortized cost or at fair value through OCI, as described above, debt instruments may be designated at fair value through profit or loss on initial recognition if doing so eliminates, or significantly reduces, an accounting mismatch.

Financial assets at fair value through profit or loss are carried in the statement of financial position at fair value with net changes in fair value recognized in the statement of income.

This category includes derivatives and equity instruments which the Group had not irrevocably elected to treat changes in fair value as other comprehensive income. Dividends on equity instruments are recognized in profit or loss when the right is determined.

A derivative embedded in a hybrid contract, with a financial liability or non-financial host, is separated from the host and accounted for as a consolidated derivative if: the economic characteristics and risks are not closely related to the host; a consolidated instrument with the same terms as the embedded derivative would meet the definition of a derivative; and the hybrid contract is not measured at fair value through profit or loss. Embedded derivatives are measured at fair value with changes in fair value recognized in profit or loss. Reassessment only occurs if there is either a change in the terms of the contract that significantly modifies the cash flows that would otherwise be required or a reclassification of a financial asset out of the fair value through profit or loss category.

A derivative embedded within a hybrid contract containing a financial asset host is not accounted for separately. The financial asset host together with the embedded derivative is required to be classified in its entirety as a financial asset at fair value through profit or loss.

## 3) Derecognition

A financial asset (or, where applicable, a part of a financial asset or part of a group of similar financial assets) is primarily derecognized (i.e., removed from the Group's statement of financial position) when:

- · The rights to receive cash flows from the asset have expired, or
- The Group has transferred its rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a 'pass-through' arrangement; and either (a) the Group has transferred substantially all the risks and rewards of the asset, or (b) the Group has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset

When the Group has transferred its rights to receive cash flows from an asset or has entered into a pass-through arrangement, it evaluates if, and to what extent, it has retained the risks and rewards of ownership. When it has neither transferred nor retained substantially all of the risks and rewards of the asset, nor transferred control of the asset, the Group continues to recognize the transferred asset to the extent of its continuing involvement. In that case, the Group also recognizes an associated liability. The transferred asset and the associated liability are measured on a basis that reflects the rights and obligations that the Group has retained.

Continuing involvement that takes the form of a guarantee over the transferred asset is measured at the lower of the original carrying amount of the asset and the maximum amount of consideration that the Group could be required to repay.

## 4) Impairment of financial assets

The Group has applied the new expected credit loss (ECL) model of Korean IFRS 1109 in three types. The expected credit loss model applied to each type of financial asset is as follows.

#### Trade receivables

For the purpose of measuring the expected credit losses of trade receivables under Korean IFRS 1109, the Group applies the practical expedient and uses the expected credit loss model for the lifetime for trade receivables subject to the expected credit loss model.

#### ② Debt instruments other than trade receivables

For which there has not been a significant increase in credit risk since initial recognition, the Group uses expected credit loss model for the next 12 months. For which there has been a significant increase in credit risk since initial recognition, the Group uses expected credit loss model for the entire period.

#### (2) Financial liabilities

#### 1) Initial recognition and measurement

Financial liabilities are classified, at initial recognition, as financial liabilities at fair value through profit or loss, loans and borrowings, or as derivatives designated as hedging instruments in an effective hedge, as appropriate.

All financial liabilities are recognized initially at fair value and, in the case of loans and borrowings, net of directly attributable transaction costs.

The Group's financial liabilities include trade and other payables, loans and borrowings including bank overdrafts, financial guarantee contracts and derivative financial instruments.

## 2) Subsequent measurement

The measurement of financial liabilities depends on their classification, as described below:

#### - Loans and borrowings

After initial recognition, interest-bearing loans and borrowings are subsequently measured at amortized cost using the EIR method. Gains and losses are recognized in profit or loss when the liabilities are derecognized as well as through the EIR amortization process. Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or costs that are an integral part of the EIR. The EIR amortization is included as finance costs in the statement of income.

## - Financial guarantee contracts

Financial guarantee contracts issued by the Group are those contracts that require a payment to be made to reimburse the holder for a loss it incurs because the specified debtor fails to make a payment when due in accordance with the terms of a debt instrument. Financial guarantee contracts are recognized initially as a liability at fair value, deducted for transaction costs that are directly attributable to the issuance of the guarantee. Subsequently, the liability is measured at the higher of the best estimate of the expenditure required to settle the present obligation at the reporting date and the amount initially recognized less, where appropriate, the cumulative amount of income recognized in accordance with Korean IFRS 1115 Revenue from Contracts with Customers.

#### - Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated upon initial recognition as of fair value through profit or loss.

Financial liabilities are classified as held for trading if they are incurred for the purpose of repurchasing in the near term. This category also includes derivative financial instruments entered into by the Group that are not designated as hedging instruments in hedge relationships as defined by Korean IFRS 1109. Separated embedded derivatives are also classified as held for trading unless they are designated as effective hedging instruments. Gains or losses on liabilities held for trading are recognized in the statement of income.

Gains and losses arising from financial liabilities held for trading are recognized in profit or loss.

Financial liabilities designated upon initial recognition at fair value through profit or loss are

designated at the initial date of recognition, and only if the criteria in Korean IFRS 1109 are satisfied. The Group has not designated any financial liability as of fair value through profit or loss.

## 3) Derecognition

A financial liability is derecognized when the obligation under the liability is discharged or cancelled or expires. When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as the derecognition of the original liability and the recognition of a new liability. The difference in the respective carrying amounts is recognized in the statement of income.

## 4) Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount is reported in the statement of financial position if there is a currently enforceable legal right to offset the recognized amounts and there is an intention to settle on a net basis, to realize the assets and settle the liabilities simultaneously.

## 2.3.8 Derivative Financial Instruments and Hedge Accounting

In accordance with the transition rules, the financial statements have been prepared by applying the requirements of Korean IFRS 1039 to hedge accounting without applying the requirements of Korean IFRS 1109.

Derivatives are initially recognized at fair value on the date when a derivative contract is entered into and are subsequently re-measured at their fair value. Changes in the fair value of the derivatives that are not qualified for hedge accounting are recognized in the statements of profit or loss within 'other income (expenses)' or 'finance income (costs)' according to the nature of transactions.

The Group designates certain derivatives as:

 Cash flow hedges when hedging the exposure to variability in cash flows that is either attributable to a particular risk associated with a recognized asset or liability or a highly probable forecast transaction

At the inception of a hedge relationship, the Group formally designates and documents the hedge relationship to which the Group wishes to apply hedge accounting and the risk management objective and strategy for undertaking the hedge. The documentation includes identification of the hedging instrument, the hedged item or transaction, the nature of the risk being hedged. The Group also documents its assessment, both at hedge inception and on an ongoing basis, of whether the derivatives that are used in hedging transactions are highly effective in offsetting changes in fair values or cash flows of hedged items.

The fair values of various derivative instruments used for hedging purposes are disclosed in Note 11. Movements on the hedging reserve in OCI are shown in Note 11. The full fair value of a hedging derivative is classified as a non-current asset or liability when the remaining maturity of the hedged

item is longer than the Group's normal business cycle and as a current asset or liability when the remaining maturity of the hedged item is shorter than the Group's normal business cycle. Trading derivatives are classified as a non-current asset or liability when the remaining maturity of the hedged item is more than 12 months and as a current asset or liability when the remaining maturity of the hedged item is less than 12 months.

Hedges that meet the criteria for hedge accounting are accounted for, as described below:

Cash flow hedge: The effective portion of changes in the fair value of derivatives that is designated and qualified as cash flow hedges is recognized in other comprehensive income. The gain or loss relating to the ineffective portion is recognized immediately in the statements of profit or loss within other income (expenses). Amounts accumulated in equity are reclassified to income in the periods when the hedged item affects profit or loss (for example, when the forecast purchase that is hedged takes place).

When a hedging instrument expires or is sold, or when a hedge no longer meets the criteria for hedge accounting, any cumulative gain or loss existing in equity at that time remains in equity and is recognized when the forecast transaction is ultimately recognized in the statements of profit or loss. When a forecast transaction is no longer expected to occur, the cumulative gain or loss that was reported in equity is immediately transferred to the statements of profit or loss within other income (expenses).

#### 2.3.9 Inventories

Inventories are stated at the lower of cost and net realizable value. Raw materials, goods and products, and supplies are determined using the gross average method. Other inventories are determined using the specific identification method.

## 2.3.10 Property, Plant and Equipment

All property, plant and equipment are stated at cost, net of accumulated depreciation and accumulated impairment losses, if any. Such cost includes the cost of replacing part of the property, plant and equipment and borrowing costs for long-term construction projects if the recognition criteria are met. Likewise, when a major inspection is performed, its cost is recognized in the carrying amount of the plant and equipment as a replacement if the recognition criteria are satisfied. All other repair and maintenance costs are recognized in profit or loss as incurred.

Land is not depreciated but depreciation on other assets is calculated using the straight-line method to allocate the difference between their cost and their residual values over their estimated useful lives, as follows:

|                        | Useful lives |  |
|------------------------|--------------|--|
| Buildings              | 3 - 50 years |  |
| Structures             | 4 - 40       |  |
| Machinery              | 3 - 16       |  |
| Construction equipment | 4 - 12       |  |
| Vehicles               | 4 - 10       |  |
| Tools                  | 3 - 10       |  |
| Equipment              | 2 - 10       |  |

The assets' residual values, useful lives and methods of depreciation are reviewed at each fiscal year end, and adjusted prospectively, if appropriate.

#### 2.3.11 Leases

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

#### (1) The Group as a lessee

The Group applies a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets. The Group recognizes lease liabilities to make lease payments and right-of-use assets representing the right to use the underlying assets.

#### 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 and subsequently measured using the cost model. In order to apply the cost model, accumulated depreciation and impairment losses are deducted from the cost of right-of-use assets and adjusted for any remeasurement 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. Right-of-use assets are depreciated on a straight-line basis over the shorter of the lease term and the estimated useful lives of the assets.

If ownership of the leased asset transfers to the Group at the end of the lease term or the cost reflects the exercise of a purchase option, depreciation is calculated using the estimated useful life of the asset.

The right-of-use assets are also subject to impairment. Refer to the accounting policies in section 2.3.15 Impairment of non-financial assets.

#### 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 the lease, if the lease term reflects the Group exercising the option to terminate. Variable lease payments that do not depend on an index or a rate are recognized as expenses (unless they are incurred to produce inventories) in the period in which the event or condition that triggers the payment occurs.

In calculating the present value of lease payments, the Group uses its incremental borrowing rate at the lease commencement date because 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 lease payments (e.g., changes to future payments resulting from a change in an index or rate used to determine such lease payments) or a change in the assessment of an option to purchase the underlying asset.

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

The Group applies the short-term lease recognition exemption to its short-term leases of construction equipment and other equipment (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 to be low value. 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) The Group as a lessor

Leases in which the Group does not transfer substantially all the risks and rewards incidental to ownership of an asset are classified as operating leases. Rental income arising is accounted for on a straight-line basis over the lease terms and is included in revenue in the statement of income due to its operating nature. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognized over the lease term on the same basis as rental income. Contingent rents are recognized as revenue in the period in which they are earned.

If the Group is an intermediate lessor, the Group accounts for the head lease and the sublease as two separated contracts. The subleases are classified as finance lease or operating lease by reference to the right-of-use asset arising from the head lease, rather than by reference to the underlying asset.

#### 2.3.12 Borrowing Costs

Borrowing costs directly attributable to the acquisition, construction or production of an asset that necessarily takes a substantial period of time to get ready for its intended use or sale are capitalized as part of the cost of the asset. All other borrowing costs are expensed in the period in which they occur. Borrowing costs consist of interest and other costs that an entity incurs in connection with the borrowing of funds.

#### 2.3.13 Intangible Assets

Amortization of intangible assets is calculated using the straight-line method over their estimated useful lives. Membership rights are regarded as intangible assets with indefinite useful life and not amortized because there is no foreseeable limit to the period over which the asset is expected to be utilized.

|                   | Useful lives |
|-------------------|--------------|
| Rental rights     | 20 years     |
| Technical rights  | 10           |
| Concession assets | 30           |
| Software          | 4 - 5        |
| Others            | 5 - 15       |

#### 2.3.14 Investment Properties

Investment properties is held to earn rentals or for capital appreciation or both. Investment property is measured initially at its cost, including transaction costs incurred in acquiring the asset. After recognition as an asset, investment property is carried at cost less accumulated depreciation and impairment losses. Investment property, except for land, is depreciated using the straight-line method over their useful lives of 40 years.

#### 2.3.15 Impairment of Non-financial Assets

The Group assesses, at each reporting date, whether there is an indication that an asset may be impaired. If any indication exists, or when annual impairment testing for an asset is required, the Group estimates the asset's recoverable amount. An asset's recoverable amount is the higher of an asset's or cash-generating unit's (CGU) fair value less costs of disposal and its value in use. The recoverable amount is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets.

When the carrying amount of an asset or CGU exceeds its recoverable amount, the asset is considered impaired and is written down to its recoverable amount. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset. In determining fair value less costs of disposal, recent market transactions are taken into account. If no

such transactions can be identified, an appropriate valuation model is used. These calculations are corroborated by valuation multiples, quoted share prices for publicly traded companies or other available fair value indicators. Impairment losses of continuing operations are recognized in the statement of income in expense categories consistent with the function of the impaired asset.

For assets excluding goodwill, an assessment is made at each reporting date to determine whether there is an indication that previously recognized impairment losses no longer exist or have decreased. If such indication exists, the Group estimates the asset's or CGU's recoverable amount. A previously recognized impairment loss is reversed only if there has been a change in the assumptions used to determine the asset's recoverable amount since the last impairment loss was recognized. The reversal is limited so that the carrying amount of the asset does not exceed its recoverable amount, nor exceed the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognized for the asset in prior years. Such reversal is recognized in the statement of income unless the asset is carried at a revalued amount, in which case, the reversal is treated as a revaluation increase.

Intangible assets with indefinite useful lives are tested for impairment annually as of December 31, either individually or at the CGU level.

#### 2.3.16 Employee Benefits

#### (1) Post-employment benefits

The Group operates both defined contribution and defined benefit pension plans.

For defined contribution plans, the Group pays contribution to publicly or privately administered pension insurance plans on mandatory, contractual or voluntary basis. The contribution is recognized as employee benefit expense when they are due.

A defined benefit plan is a pension plan that is not a defined contribution plan. Generally, post-employment benefits are payable after the completion of employment, and the benefit amount depended on the employee's age, periods of service or salary levels. The liability recognized in the statement of financial position in respect of defined benefit pension plans is the present value of the defined benefit obligation at the end of the reporting period less the fair value of plan assets. The defined benefit obligation is calculated annually by independent actuaries using the projected unit credit method. The present value of the defined benefit obligation is determined by discounting the estimated future cash outflows using interest rates of high-quality corporate bonds that are denominated in the currency in which the benefits will be paid, and that have terms approximating to the terms of the related obligation. Remeasurement gains and losses arising from experience adjustments and changes in actuarial assumptions are recognized in the period in which they occur, directly in other comprehensive income. Remeasurement recognized in other comprehensive income is reflected immediately in retained earnings and will not be reclassified to profit or loss.

Changes in the present value of the defined benefit obligation resulting from plan amendments or curtailments are recognized immediately in profit or loss as past service costs.

(2) Other long-term employee benefits

The Parent Company provide long-term employee benefits that are entitled to employees with service period for ten years and above. The expected costs of these benefits are accrued over the period of employment using the same accounting methodology as used for defined benefit pension plans. The Group recognizes service cost, net interest on other long-term employee benefits and remeasurements as profit or loss for the year. These liabilities are valued annually by an independent qualified actuary.

#### 2.3.17 Provisions

Provisions are recognized when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. When the Group expects some or all of a provision to be reimbursed, for example, under an insurance contract, the reimbursement is recognized as a consolidated asset, but only when the reimbursement is virtually certain. The expense relating to a provision is presented in the statement of income net of any reimbursement.

If the effect of the time value of money is material, provisions are discounted using a current pre-tax rate that reflects, when appropriate, the risks specific to the liability. When discounting is used, the increase in the provision due to the passage of time is recognized as a finance cost.

#### (1) Warranty provision

The Group provides warranties for general repairs of defects that existed at the time of sale, as required by law. Provisions related to these assurance-type warranties are recognized when the product is sold or the service is provided to the customer. Initial recognition is based on historical experience. The initial estimate of warranty-related costs is revised annually.

#### (2) Onerous contracts

If the Group has a contract that is onerous, the present obligation under the contract is recognized and measured as a provision. However, before a consolidated provision for an onerous contract is established, the Group recognizes any impairment loss that has occurred on assets dedicated to that contract.

An onerous contract is a contract under which the unavoidable costs (i.e., the costs that the Group cannot avoid because it has the contract) of meeting the obligations under the contract exceed the economic benefits expected to be received under it. The unavoidable costs under a contract reflect the least net cost of exiting from the contract, which is the lower of the cost of fulfilling it and any compensation or penalties arising from failure to fulfil it.

#### 2.3.18 Current and Deferred Income Tax

#### (1) Current income tax

Current income tax assets and liabilities for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities. The tax rates and tax laws used to compute the amount are those that are enacted or substantively enacted, at the reporting date in the countries where the Group operates and generates taxable income.

Current income tax relating to items recognized directly in equity is recognized in equity and not in the statement of income. Management periodically evaluates positions taken in the tax returns with respect to situations in which applicable tax regulations are subject to interpretation and establishes provisions where appropriate.

#### (2) Deferred tax

Deferred tax is provided using the liability method on temporary differences at the reporting date between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes at the reporting date. Deferred tax liabilities are recognized for all taxable temporary differences, except:

- Where the deferred tax liability arises from the initial recognition of goodwill
- An asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss
- In respect of taxable temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, where the timing of the reversal of the temporary differences can be controlled and it is probable that the temporary differences will not reverse in the foreseeable future

Deferred tax assets are recognized for all deductible temporary differences, the carry forward of unused tax credits and unused tax losses, to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, and the carry forward of unused tax credits and unused tax losses can be utilized, except:

- Where the deferred tax asset relating to the deductible temporary difference arises from the
  initial recognition of an asset or liability in a transaction that is not a business combination
  and, at the time of the transaction, affects neither the accounting profit nor taxable profit or
  loss
- In respect of deductible temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, deferred tax assets are recognized only to the extent that it is probable that the temporary differences will reverse in the foreseeable future and taxable profit will be available against which the temporary differences can be utilized

The carrying amount of deferred tax assets is reviewed at each reporting date and reduced to the extent that it is no longer probable that sufficient taxable profit will be available to allow all or part of the deferred tax asset to be utilized. Unrecognized deferred tax assets are reassessed at each reporting date and are recognized to the extent that it has become probable that future taxable profits will allow the deferred tax asset to be recovered.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the year when the asset is realized or the liability is settled, based on tax rates (and tax laws) that have been enacted or substantively enacted at the reporting date. Deferred tax relating to items recognized outside profit or loss is recognized outside profit or loss. Deferred tax items are recognized in correlation to the underlying transaction either in OCI or directly in equity. Deferred tax assets and deferred tax liabilities are offset, if a legally enforceable right exists to set off current tax assets against current income tax liabilities and the deferred taxes relate to the same taxable entity and the same taxation authority.

#### 2.3.19 Revenue Recognition

#### (1) Identifying performance obligations

The Group identifies the consolidated performance obligations if; i) the customer can benefit from the good or service either on its own or together with other resources that are readily available to the customer; and ii) the entity's promise to transfer the good or service to the customer is separately identifiable from other promises in the contract.

#### (2) Performance obligation satisfied over time

Construction contracts for the Group include apartments, commercial facilities, factories, roads and bridges those are ordered by customers, and usually require about three to four years of construction.

In accordance with Korean IFRS 1115, the timing of revenue recognition may vary depending on whether each performance obligation is satisfied at a point in time or over a period of time.

Performance obligations satisfied over time shall meet any of the following criteria:

- The customer simultaneously receives and consumes the benefits provided by the entity's performance as the entity performs.
- The Group's performance creates or enhances an asset that the customer controls as the asset is created or enhanced.
- The Group's performance does not create an asset with an alternative use to the entity and the entity has an enforceable right to payment for performance completed to date.

The Group is obliged to provide construction and maintenance services to the customer during the contract period for a majority of its construction contract. Also, it is determined that the customer controls the asset as the Group creates or enhances its value. Therefore, the Group recognizes the transaction price allocated to the performance obligation by revenue over a contract period.

For housing contracts meeting conditions under Korea Accounting Institute's Question and Answer, 2017-I-KQA015, revenue of the number of residential units the Group built and sold is recognized using percentage of completion method and the accounting treatment is effective only under the Korean IFRS.

#### (3) Percentage-of-completion measurement using input method

In accordance with Korean IFRS 1115, revenue is recognized when the goods or services promised to the customer are transferred and the performance obligation is fulfilled or when the performance obligation is fulfilled over a period of time. The obligation to perform during the period is to measure the percentage-of-completion until the obligation is fulfilled and the revenue is recognized over the period. The method of measuring the percentage-of-completion includes the output method and the input method, and they are applied if the percentage-of-completion of the performance obligation can be reasonably measured. In most construction contracts, the Group applies percentage-of-completion measurement.

In accordance with Korean IFRS 1115, if the Group expects that the goods are not distinct at contract inception and the entity is expected to significantly control the goods or services before transferring to the customer, and that the costs of the goods transferred are significant in comparison to the total costs expected to be fully satisfied, and that the entity receives the goods from a third party and does not significantly engage in the design and production of those goods, then recognizing the cost of the goods used to fulfill the performance obligation as revenue demonstrates the entity's performance well.

The construction contracts in plant sector are contracts including the purchase and installation of special equipment, and most of the projects are carried out over a long period of time of 3 years or more. The Group carries out the accounting by considering total planning costs versus special equipment costs, whether the customer has significant control over the special equipment under consolidated contracts, and whether the Group is deeply involved in design and production of the special equipment.

#### (4) Incremental cost of obtaining a contract and cost to fulfil a contract

The Group capitalizes incremental costs of obtaining a contract or contract costs incurred directly related to contract and created resources used to fulfill a contract and expected to be recovered. If capitalization requirements are not met, it is accounted for as current expenses.

#### 2.3.20 Approval of Issuance of the Financial Statements

The consolidated financial statements 2020 were approved for issue by the Board of Directors on February 4, 2021 and are subject to change with the approval of shareholders at their Annual General Meeting.

#### 2.4 New and Amended Standards Adopted by the Group

The Group has applied the following standards and amendments for the first time for their annual reporting period commencing January 1, 2020.

#### 2.4.1 Amendments to Korean IFRS 1103 Business Combination – Definition of a Business

The amended definition of a business requires an acquisition to include an input and a substantive process that together significantly contribute to the ability to create outputs and the definition of output excludes the returns in the form of lower costs and other economic benefits. If substantially all of the fair value of the gross assets acquired is concentrated in a single identifiable asset or group of similar identifiable assets, an entity may elect to apply an optional concentration test that permits a simplified assessment of whether an acquired set of activities and assets is not a business. The amendments do not have an impact on the financial statements.

2.4.2 Amendments to Korean IFRS 1107 Financial Instruments: Disclosure, Korean IFRS 1109
Financial Instruments and Korean IFRS 1039 Financial Instruments: Recognition and Measurement –
Interest Rate Benchmark Reform

The amendments allow to apply the exceptions in relation the application of hedge accounting while uncertainties arising from interest rate benchmark reform exist. The exceptions require the Group assumes that the interest rate benchmark on which the hedged items and the hedging instruments are based on is not altered as a result of interest rate benchmark reform, when determining whether the expected cash flows are highly probable, whether an economic relationship between the hedged item and the hedging instrument exists, and when assessing the hedging relationship is highly effective. The amendments do not have a significant impact on the financial statements.

2.4.3 Amendments to Korean IFRS 1001 Presentation of Financial Statements and Korean IFRS 1008 Accounting policies, changes in accounting estimates and errors – Definition of Material

The amendments clarify the definition of material. Information is material if omitting, misstating or obscuring it could reasonably be expected to influence the decisions that the primary users of general-purpose financial statements make on the basis of those financial statements. The amendments do not have a significant impact on the financial statements.

#### 2.5 New Standards and Interpretations Not Yet Adopted by the Group

The following new accounting standards and interpretations have been published that are not mandatory for December 31, 2020 reporting periods and have not been early adopted by the Group.

2.5.1 Amendments to Korean IFRS 1001 Presentation of Financial Statements - Classification of Liabilities as Current or Non-current

The amendments clarify that liabilities are classified as either current or non-current, depending on the substantive rights that exist at the end of the reporting period. Classification is unaffected by the likelihood that an entity will exercise right to defer settlement of the liability or the expectations of management. Also, the settlement of liability includes the transfer of the entity's own equity instruments, however, it would be excluded if an option to settle them by the entity's own equity

instruments if compound financial instruments is met the definition of equity instruments and recognized separately from the liability. The amendments should be applied for annual periods beginning on or after January 1, 2023, and earlier application is permitted. The Group is in review for the impact of these amendments on the financial statements.

2.5.2 Amendments to Korean IFRS 1103 Business Combination – Reference to the Conceptual Framework

The amendments update a reference of definition of assets and liabilities qualify for recognition in revised Conceptual Framework for Financial Reporting. However, the amendments add an exception for the recognition of liabilities and contingent liabilities within the scope of Korea IFRS 1037 Provisions, Contingent Liabilities and Contingent Assets, and Korean IFRS 2121 Levies. The amendments also confirm that contingent assets should not be recognized at the acquisition date. The amendments should be applied for annual periods beginning on or after January 1, 2022, and earlier application is permitted. The Group does not expect that these amendments have a significant impact on the financial statements.

2.5.3 Amendments to Korean IFRS 1016 Property, Plant and Equipment - Proceeds before intended use

The amendments prohibit an entity from deducting from the cost of an item of property, plant and equipment any proceeds from selling items produced while the entity is preparing the asset for its intended use. Instead, the entity will recognize the proceeds from selling such items, and the costs of producing those items, in profit or loss. The amendments should be applied for annual periods beginning on or after January 1, 2022, and earlier application is permitted. The Group is in review for the impact of these amendments on the financial statements.

2.5.4 Amendments to Korean IFRS 1037 Provisions, Contingent Liabilities and Contingent Assets - Onerous Contracts: Cost of Fulfilling a Contract

The amendments clarify that the direct costs of fulfilling a contract include both the incremental costs of fulfilling the contract and an allocation of other costs directly related to fulfilling contracts when assessing whether the contract is onerous. The amendments should be applied for annual periods beginning on or after January 1, 2022, and earlier application is permitted. The Group does not expect that these amendments have a significant impact on the financial statements.

2.5.5 Amendments to Korean IFRS 1116 Lease – Practical expedient for COVID-19 - Related Rent Exemption, Concessions, Suspension

As a practical expedient, a lessee may elect not to assess whether a rent concession occurring as a direct consequence of the COVID-19 pandemic is a lease modification, and the amounts recognized in profit or loss as a result of applying this exemption should be disclosed. The amendments should be applied for annual periods beginning on or after June 1, 2020, and earlier application is permitted. The Group does not expect that these amendments have a significant impact on the financial statements.

2.5.6 Amendments to Korean IFRS 1109 Financial Instruments, Korean IFRS 1039 Financial Instruments: Recognition and Measurement, Korean IFRS 1107 Financial Instruments: Disclosure, Korean IFRS 1104 Insurance Contracts and Korean IFRS 1116 Lease – Interest Rate Benchmark Reform

In relation to interest rate benchmark reform, the amendments provide exceptions including adjust effective interest rate instead of book amounts when interest rate benchmark of financial instruments at amortized costs is replaced, and apply hedge accounting without discontinuance although the interest rate benchmark is replaced in hedging relationship. The amendments should be applied for annual periods beginning on or after January 1, 2021, and earlier application is permitted. The Group does not expect that these amendments have a significant impact on the financial statements.

#### 2.5.7 Annual improvements to Korean IFRS 2018-2020

Annual improvements of Korean IFRS 2018-2020 Cycle should be applied for annual periods beginning on or after January 1, 2022, and earlier application is permitted. The Group does not expect that these amendments have a significant impact on the financial statements.

- Korean IFRS 1101 First time Adoption of Korean International Financial Reporting Standards
   Subsidiaries that are first-time adopters
- Korean IFRS 1109 Financial Instruments Fees related to the 10% test for derecognition of financial liabilities
- Korean IFRS 1116 Leases Lease incentives
- Korean IFRS 1041 Agriculture Measuring fair value

#### 3. Accounting Estimates and Assumptions

The key assumptions concerning the future and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year, are discussed below. The Group based its assumptions and estimates on parameters available when the financial statements were prepared. Existing circumstances and assumptions about future developments, however, may change due to market changes or circumstances arising beyond the control of the Group. Such changes are reflected in the assumptions when they occur.

#### 3.1 Impairment of Non-financial Assets

The Group assesses, at each reporting date, whether there is an indication that an asset may be impaired. Goodwill and intangible assets with indefinite useful lives are tested for impairment annually as of December 31 either individually or at the CGU level, as appropriate, or when circumstances indicate that the carrying value may be impaired. Other non-financial assets are assessed for impairment when circumstances indicate that its asset may be impaired.

To calculate the value in use, the Group estimates the expected future cash inflows derived from CGUs and applies the appropriate discount rate to those future cash inflows.

#### 3.2 Income Tax

The Group recorded, based on its best estimate, current taxes and deferred taxes that the Group will be liable in the future for the operating results as at the financial year end. However, the final tax outcome in the future may be different from the amounts that were initially recorded. Such differences will impact the current and deferred income tax assets and liabilities in the period in which such determination is made.

#### 3.3 Defined Benefit Plans

The present value of the defined benefit pension plan is determined using actuarial valuations. An actuarial valuation involves making various assumptions that may differ from actual developments in the future. These include the determination of the discount rate, future salary increases and mortality rates. Due to the complexities involved in the valuation and its long-term nature, a defined benefit obligation is highly sensitive to changes in these assumptions. All assumptions are reviewed at each reporting date.

In determining the appropriate discount rate, management considers the interest rates of corporate bonds in currencies consistent with the currencies of the post-employment benefit obligation with at least an 'AA' rating or above, as set by an internationally acknowledged rating agency. The mortality rate is based on publicly available mortality tables for the specific countries. Future salary increases and pension increases are based on expected future inflation rates for the respective countries.

Further details about pension obligations are disclosed in Note 19.

#### 3.4 Revenue Recognition

Revenue for construction contracts is recognized on the basis of the percentage-of-completion method, under which revenue is recognized as work progress in the ratio of actual cost incurred to estimated total cost. A variation is an instruction by the customer for a change in the scope of the work to be performed under the contract. A variation may lead to an increase or a decrease in contract revenue. Examples of variations are changes in the specifications or design of the asset and changes in the duration of the contract.

Contract revenue is measured at the fair value of the initial amount of revenue agreed in the contract. The measurement of contract revenue is affected by a variety of uncertainties that depend on the outcome of future events such as delays caused by the contractor, claim, and incentive. The estimates often need to be revised as events occur and uncertainties are resolved. Therefore, the amount of contract revenue may increase or decrease from one period to the next. A variation is recognized in contract revenue when the following four circumstances are satisfied. It is probable that the customer will approve the variation and the amount of revenue arising from the variation. Negotiations have reached an advanced stage such that it is probable that the customer will accept the claim. The contract is sufficiently advanced that it is probable that the specified performance standards will be met or exceeded and only to the extent that it is highly probable that a significant

reversal in the amount of cumulative revenue recognized will not occur when the uncertainty associated with variable consideration has resolved.

The total contract cost is measured at the end of each reporting period. However, the measurement of contract revenue is affected by various uncertainties that depend on the outcome of future events including project, geographic and economic characteristics. When the uncertainties that prevented the cost of the contract being estimated reliably no longer exist, expenses associated with the construction contract shall be recognized.

#### 3.5 Fair Value of Financial Instruments

For the fair value of financial instruments that are not traded in an active market, the Group uses its judgment to select a variety of methods and make assumptions that are mainly based on market conditions existing at the end of each reporting period.

#### 3.6 Impairment of Financial Assets and Contract Assets

The provision for impairment for financial assets is based on assumptions about risk of default and expected loss rates. The Group uses judgement in making these assumptions and selecting the inputs to the impairment calculation based on the Group's past history, existing market conditions as well as forward looking estimates at the end of each reporting period.

Also, the Group considered that financial assets and contract assets are impaired based on the estimated revenue and expenses of business in relation to certain construction contracts.

#### 3.7 Provisions

As of the end of the reporting period, the Group recognizes provisions for construction warranty, litigations, payment guarantees and others. These provisions are determined under the estimates based on past experience and forecasts of future events. However, future events may have a significant difference from past experiences and forecasts, and estimates based on these future events have uncertainty that may cause significant differences from actual values.

#### 3.8 Lease

In determining the lease term, management considers all facts and circumstances that create an economic incentive to exercise an extension option, or not exercise a termination option. Extension options (or periods after termination options) are only included in the lease term if the lease is reasonably certain to be extended (or not terminated).

#### 3.9 Impact of Coronavirus disease 2019 ("COVID-19")

During 2020, the spread of Coronavirus disease 2019 ("COVID-19") has a material impact on the global economy. It may have an impact to contract activity, construction performance, collection of existing receivables and others. Accordingly, it may have a negative impact on the financial position and financial performance of the Group. However, the impact cannot be reasonably estimated as at the end of the reporting period.

#### 4. Segment information and Revenue from Contracts with Customers

(1) Details of the Group's reportable segments are as follows:

# Architectural & housing construction New business¹ Petroleum refining facility, waste water treatment plant and others Plant construction Petroleum refining facility, waste water treatment plant and others Road, railroad and others Decentralized energy¹ Others Principal business activity Office building, factory, apartment and others Overseas development and others Petroleum refining facility, waste water treatment plant and others Road, railroad and others Others Resort and others

(2) Sales and operating profit (loss) for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of                                    |   |                                      |   |                 |                    |     |  |   | 2020      |   |                          |              |                      |           |   |            |
|--|---|--------------------------------------|---|-----------------|--------------------|-----|--|---|-----------|---|--------------------------|--------------|----------------------|-----------|---|------------|
| Korean won)  | & | chitectural<br>housing<br>nstruction | b | New<br>Jusiness | Plant construction | Inf | Decentralized<br>Infra works energy Others |   | Total     |   | nsolidation<br>justments | Co           | onsolidated<br>total |           |   |            |
| Sales<br>Inter-company                             | ₩ | 5,920,916                            | ₩ | 615,097         | ₩ 2,421,813        | ₩   | 890,269                                    | ₩ | 366,674   | ₩ | 119,749                  | ₩ 10,334,518 | ₩                    | (211,587) | ₩ | 10,122,931 |
| sales  |   | (117,080)                            |   | (3,970)         | (33,534)           |     | (6,078)                                    |   | (463)     |   | (50,462)                 | (211,587)    |                      | 211,587   |   | -          |
| Net sales  |   | 5,803,836                            |   | 611,127         | 2,388,279          |     | 884,191                                    |   | 366,211   |   | 69,287                   | 10,122,931   |                      | -         |   | 10,122,931 |
| Operating profit (loss) <sup>1</sup> Profit (loss) |   | 1,107,992                            |   | 44,598          | (213,282)          |     | (58,193)                                   |   | (126,017) |   | (4,700)                  | 750,398      |                      | -         |   | 750,398    |
| before income<br>tax <sup>1</sup>                  |   | 1,238,970                            |   | (39,223)        | (449,709)          |     | (36,043)                                   |   | (161,315) |   | (34,240)                 | 518,440      |                      | -         |   | 518,440    |

<sup>&</sup>lt;sup>1</sup> Operating profit (loss) and profit (loss) before income tax are net of eliminating intercompany transactions.

| (in millions of                                    |                                     |           |             |         |                    |     |           |    | 2019                  |   |          |              |   |                          |    |                      |
|--|-------------------------------------|-----------|-------------|---------|--------------------|-----|-----------|----|-----------------------|---|----------|--------------|---|--------------------------|----|----------------------|
| Korean won)  | Architectura & housing construction |           | housing New |         | Plant construction | Int | fra works | De | centralized<br>energy |   |          | Total        |   | nsolidation<br>justments | Co | onsolidated<br>total |
| Sales<br>Inter-company                             | ₩                                   | 6,130,985 | ₩           | 295,833 | ₩ 2,721,487        | ₩   | 889,958   | ₩  | 484,994               | ₩ | 135,130  | ₩ 10,658,387 | ₩ | (241,798)                | ₩  | 10,416,589           |
| sales  |                                     | (116,379) |             | (2,225) | (57,421)           |     | (10,090)  |    | (538)                 |   | (55,145) | (241,798)    |   | 241,798                  |    | -                    |
| Net sales  |                                     | 6,014,606 |             | 293,608 | 2,664,066          |     | 879,868   |    | 484,456               |   | 79,985   | 10,416,589   |   | -                        |    | 10,416,589           |
| Operating profit (loss) <sup>1</sup> Profit (loss) |                                     | 691,003   |             | 56,804  | 78,553             |     | (8,632)   |    | (50,841)              |   | 380      | 767,267      |   | -                        |    | 767,267              |
| before income<br>tax <sup>1</sup>                  |                                     | 891,699   |             | 31,803  | (97,414)           |     | (67,763)  |    | (77,010)              |   | (7,581)  | 673,734      |   | -                        |    | 673,734              |

<sup>&</sup>lt;sup>1</sup> Operating profit (loss) and profit (loss) before income tax are net of eliminating intercompany transactions.

<sup>&</sup>lt;sup>1</sup> In 2020, decentralized energy segment was separated from plant construction segment and new business segment was newly established. The comparative information was restated by reflecting these changes.

(3) Revenue of segments for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of   |           |   |   |   |    |   |     | 2020                                       |   |   |   |                                 |   |
|---|-----------|---|---|---|----|---|-----|--|---|---|---|---------------------------------|---|
| Korean won)   | &         | chitectural<br>housing<br>nstruction          | b | New<br>usiness                                      | со | Plant<br>nstruction                                 | Inf | fra works                                  |   | entralized<br>energy                          | C | Others                          | Total   |
| Major product & service Construction contract as a constructor Construction contract as a developer &   | ₩         | 5,239,105                                     | ₩ | 18,799  | ₩  | 2,255,540   | ₩   | 852,023                                    | ₩ | 342,604                                       | ₩ | -                               | ₩ 8,708,071   |
| constructor Engineering service   |           | 435,913                                       |   | -   |    | -   |     | -  |   | -   |   | -                               | 435,913   |
| and others  |           | 93,624  |   | 280,968   |    | 131,604   |     | 31,309                                     |   | 19,585  |   | -                               | 557,090   |
| Lease and others  |           | 35,194  |   | 311,360   |    | 1,135   |     | 859  |   | 4,022   |   | 25,254                          | 377,824   |
| Resort  |           |   |   |   |    |   |     |  |   |   |   | 44,033                          | 44,033  |
| Timing of revenue recognition   | ₩         | 5,803,836                                     | ₩ | 611,127   | ₩  | 2,388,279   | ₩   | 884,191                                    | ₩ | 366,211                                       | ₩ | 69,287                          | ₩ 10,122,931  |
| Recognition over time Recognition at a point  | ₩         | 5,795,577                                     | ₩ | 611,127   | ₩  | 2,388,279   | ₩   | 884,191                                    | ₩ | 366,211                                       | ₩ | 25,254                          | ₩ 10,070,639  |
| in time   |           | 8,259   |   | -   |    |   |     |  |   | -   |   | 44,033                          | 52,292  |
|   | ₩         | 5,803,836                                     | ₩ | 611,127   | ₩  | 2,388,279   | ₩   | 884,191                                    | ₩ | 366,211                                       | ₩ | 69,287                          | ₩ 10,122,931  |
|   |           |   |   |   |    |   |     |  |   |   |   |                                 |   |
| (in millions of   |           |   |   |   |    |   |     | 2019                                       |   |   |   |                                 |   |
| (in millions of<br>Korean won)  | &         | chitectural<br>housing<br>nstruction          | b | New<br>usiness                                      | со | Plant<br>nstruction                                 |     | 2019<br>fra works                          |   | entralized<br>energy                          | ( | Others                          | Total   |
| Major product & service Construction contract as a constructor Construction contract  | &         | housing                                       |   | usiness   |    |   | Int |  |   |   |   | Others<br>-                     | <b>Total</b> ₩ 9,408,229  |
| Major product & service Construction contract as a constructor Construction contract as a developer & constructor   | co        | housing<br>nstruction                         |   | usiness   |    | nstruction  | Int | ra works                                   |   | energy  |   | Others<br>-<br>-                |   |
| Major product & service Construction contract as a constructor Construction contract as a developer &   | co        | housing<br>nstruction<br>5,462,586            |   | 49,101  |    | nstruction  | Int | ra works                                   |   | energy  |   | Others<br>-<br>-                | ₩ 9,408,229   |
| Major product & service Construction contract as a constructor Construction contract as a developer & constructor Engineering service   | co        | housing<br>nstruction<br>5,462,586<br>397,002 |   | 49,101<br>1,190                                     |    | 2,590,407   | Int | 850,193                                    |   | energy<br>455,942                             |   | Others 32,275                   | ₩ 9,408,229<br>398,192  |
| Major product & service Construction contract as a constructor Construction contract as a developer & constructor Engineering service and others  | co        | 5,462,586<br>397,002<br>114,928               |   | 49,101<br>1,190<br>239,334                          |    | 2,590,407<br>-<br>71,566                            | Int | 850,193<br>-<br>25,597                     |   | 455,942<br>-<br>28,351                        |   | -                               | <ul><li>₩ 9,408,229</li><li>398,192</li><li>479,776</li></ul>                                     |
| Major product & service Construction contract as a constructor Construction contract as a developer & constructor Engineering service and others Lease and others   | co        | 5,462,586<br>397,002<br>114,928               | ₩ | 49,101<br>1,190<br>239,334                          |    | 2,590,407<br>-<br>71,566<br>2,093                   | W   | 850,193<br>-<br>25,597                     |   | 455,942<br>-<br>28,351                        | ₩ | -<br>-<br>32,275<br>47,710      | <ul><li>₩ 9,408,229</li><li>398,192</li><li>479,776</li><li>82,682</li></ul>                      |
| Major product & service Construction contract as a constructor Construction contract as a developer & constructor Engineering service and others Lease and others   | ₩         | 5,462,586<br>397,002<br>114,928<br>40,090     | ₩ | 49,101<br>1,190<br>239,334<br>3,983                 | ₩  | 2,590,407<br>-<br>71,566<br>2,093                   | W   | 850,193<br>-<br>25,597<br>4,078            | ₩ | 455,942<br>-<br>28,351<br>163                 | ₩ | -<br>-<br>32,275<br>47,710      | <ul> <li>₩ 9,408,229</li> <li>398,192</li> <li>479,776</li> <li>82,682</li> <li>47,710</li> </ul> |
| Major product & service Construction contract as a constructor Construction contract as a developer & constructor Engineering service and others Lease and others Resort Timing of revenue                                    | ₩         | 5,462,586 397,002 114,928 40,090 - 6,014,606  | ₩ | 49,101<br>1,190<br>239,334<br>3,983                 | ₩  | 2,590,407<br>-<br>71,566<br>2,093                   | ₩   | 850,193<br>-<br>25,597<br>4,078            | ₩ | 455,942<br>-<br>28,351<br>163                 | ₩ | -<br>32,275<br>47,710<br>79,985 | <ul> <li>₩ 9,408,229</li> <li>398,192</li> <li>479,776</li> <li>82,682</li> <li>47,710</li> </ul> |
| Major product & service Construction contract as a constructor Construction contract as a developer & constructor Engineering service and others Lease and others Resort  Timing of revenue recognition Recognition over time | & co<br>₩ | 5,462,586 397,002 114,928 40,090 - 6,014,606  | ₩ | 49,101<br>1,190<br>239,334<br>3,983<br>-<br>293,608 | ₩  | 2,590,407<br>-<br>71,566<br>2,093<br>-<br>2,664,066 | ₩   | 850,193<br>25,597<br>4,078<br>-<br>879,868 | ₩ | 455,942<br>-<br>28,351<br>163<br>-<br>484,456 | ₩ | -<br>32,275<br>47,710<br>79,985 | ₩ 9,408,229  398,192  479,776  82,682  47,710  ₩ 10,416,589                                       |

- (4) There are no customers, who contribute more than 10% of sales for the years ended December 31, 2020 and 2019.
- (5) Sales information by location for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of<br>Korean won) | 2020<br>China and<br>South-East |           |    |           |    |                               |   |         |   |            |  |  |  |
|--------------------------------|---------------------------------|-----------|----|-----------|----|-------------------------------|---|---------|---|------------|--|--|--|
|                                |                                 | Korea     | Mi | ddle East | 50 | Asia                          |   | Others  |   | Total      |  |  |  |
| Sales                          | ₩                               | 8,236,482 | ₩  | 626,113   | ₩  | 660,477                       | ₩ | 811,446 | ₩ | 10,334,518 |  |  |  |
| Inter-company sales            |                                 | (213,515) |    | 16,438    |    | (12,629)                      |   | (1,881) |   | (211,587)  |  |  |  |
| Net sales                      | ₩                               | 8,022,967 | ₩  | 642,551   | ₩  | 647,848                       | ₩ | 809,565 | ₩ | 10,122,931 |  |  |  |
| (in millions of<br>Korean won) |                                 |           |    |           | _  | 2019<br>hina and<br>outh-East |   |         |   |            |  |  |  |
|                                |                                 | Korea     | Mi | ddle East |    | Asia                          |   | Others  |   | Total      |  |  |  |
| Sales                          | ₩                               | 7,520,143 | ₩  | 1,447,788 | ₩  | 993,008                       | ₩ | 697,448 | ₩ | 10,658,387 |  |  |  |
| Inter-company sales            |                                 | (187,635) |    | (19,739)  |    | (33,202)                      |   | (1,222) |   | (241,798)  |  |  |  |
| Net sales                      | ₩                               | 7,332,508 | ₩  | 1,428,049 | ₩  | 959,806                       | ₩ | 696,226 | ₩ | 10,416,589 |  |  |  |

## 5. Cash and Cash Equivalents and Others

(1) Cash and cash equivalents and others as of December 31, 2020 and 2019, consist of:

| (in millions of Korean w    | ron)   |   | 2020      |   | 2019      |
|-----------------------------|--|---|-----------|---|-----------|
| Cash and cash               | Cash   | ₩ | 4,578     | ₩ | 3,158     |
| equivalents                 | Deposits   |   | 2,114,341 |   | 1,789,798 |
|                             |  | ' | 2,118,919 |   | 1,792,956 |
| Short-term financial assets | Short-term financial instruments Current financial lease |   | 197,641   |   | 216,687   |
|                             | receivables and others                                   |   | 60,229    |   | 67,685    |
|                             |  |   | 257,870   |   | 284,372   |
| Long-term financial assets  | Long-term financial instruments Leasehold deposits       |   | 1,085     |   | 2,731     |
|                             | provided and others                                      |   | 615,721   |   | 674,603   |
|                             |  |   | 616,806   |   | 677,334   |
|                             |  | ₩ | 2,993,595 | ₩ | 2,754,662 |

(2) Details of restricted financial instruments as of December 31, 2020 and 2019, are as follows:

| (in millions of<br>Korean won) | Bank                   | 2020     | 2019     | Remarks  |
|--------------------------------|------------------------|----------|----------|--|
| Cash and cash                  | Wells Fargo and others | ₩ 298    | ₩ 276    | Restricted cash and others                           |
| equivalents                    | Subtotal               | 298      | 276      |  |
| Short-term                     | Shinhan                | -        | 7,930    | Subcontractor Account                                |
| financial assets               | Shinhan and others     | 11,056   | 3,376    | Loan repayment accumulation                          |
|                                | Shinhan                | 4,831    | 4,616    | Leasehold deposits                                   |
|                                | Shinhan                | 6,850    | 6,050    | Loans for employees' housing                         |
|                                | Shinhan and others     | 30,000   | 30,000   | Supports interest for cooperative firm               |
|                                | NH and others          | 958      | 698      | Special provisions for construction warranty account |
|                                | SC                     | 33,773   | 35,892   | L/C issued for overseas sites                        |
|                                | Shinhan and others     | -        | 1,600    | -  |
|                                | Woori                  | -        | 4,343    | -  |
|                                | Shinhan                | 1,669    | 1,669    | Pledge of Collateral for HUG                         |
|                                | Banobras and others    | 1,181    | 1,260    | Cash Restricted                                      |
|                                | Subtotal               | 90,318   | 97,434   |  |
| Long-term                      | Shinhan and others     | 273      | 487      | Leasehold deposits                                   |
| financial assets               | Shinhan and others     | 20       | 20       | Deposit for overdraft                                |
|                                | Subtotal               | 293      | 507      |  |
|                                |                        | ₩ 90,909 | ₩ 98,217 |  |

## 6. Trade and Other Receivables

(1) Trade and other receivables as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)    |  | 2020 <sup>1</sup> |           |      |           |                  |           |  |  |  |  |
|--------------------------------|--|-------------------|-----------|------|-----------|------------------|-----------|--|--|--|--|
|                                |  |                   |           | Allo | wance for |                  |           |  |  |  |  |
|                                |  | Red               | ceivables | ba   | d debts   | Receivables, net |           |  |  |  |  |
| Current assets Trade and other | Receivables from                           |                   |           |      |           |                  |           |  |  |  |  |
| receivables                    | construction contracts<br>Receivables from | ₩                 | 1,508,677 | ₩    | (216,024) | ₩                | 1,292,653 |  |  |  |  |
|                                | apartment sales                            |                   | 8,665     |      | (1,129)   |                  | 7,536     |  |  |  |  |
|                                | Notes receivable                           |                   | 136,502   |      | (802)     |                  | 135,700   |  |  |  |  |
|                                | Other trade receivables                    |                   | 27,264    |      | (734)     |                  | 26,530    |  |  |  |  |
|                                | Other receivables                          |                   | 611,287   |      | (278,796) |                  | 332,491   |  |  |  |  |
|                                | Accrued revenue                            |                   | 75,066    |      | (30,175)  |                  | 44,891    |  |  |  |  |
|                                | Short-term loans                           |                   | 202,741   |      | (85,477)  |                  | 117,264   |  |  |  |  |
|                                |  | ₩                 | 2,570,202 | ₩    | (613,137) | ₩                | 1,957,065 |  |  |  |  |
| Non-current assets             |  |                   |           |      |           |                  |           |  |  |  |  |
| Long-term trade and            | Long-term other                            |                   |           |      |           |                  |           |  |  |  |  |
| other receivables              | receivables                                | ₩                 | 59,400    | ₩    | -         | ₩                | 59,400    |  |  |  |  |
|                                | Long-term loans Deposits provided for      |                   | 956,813   |      | (203,183) |                  | 753,630   |  |  |  |  |
|                                | business                                   |                   | 53,790    |      | (199)     |                  | 53,591    |  |  |  |  |
|                                |  | ₩                 | 1,070,003 | ₩    | (203,382) | ₩                | 866,621   |  |  |  |  |
|                                |  |                   |           |      |           |                  |           |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Unbilled amount related to construction and leasehold deposits are excluded due to reclassification of accounts.

| (in millions of Korean won) |   |    | 2019¹     |      |           |          |              |  |  |  |  |  |
|-----------------------------|---|----|-----------|------|-----------|----------|--------------|--|--|--|--|--|
|                             |   |    |           | Allo | wance for | ance for |              |  |  |  |  |  |
|                             |   | Re | ceivables | ba   | d debts   | Rece     | ivables, net |  |  |  |  |  |
| Current assets              |   |    |           |      |           |          |              |  |  |  |  |  |
| Trade and other             | Receivables from                        |    |           |      |           |          |              |  |  |  |  |  |
| receivables                 | construction contracts Receivables from | ₩  | 1,967,019 | ₩    | (180,400) | ₩        | 1,786,619    |  |  |  |  |  |
|                             | apartment sales                         |    | 16,658    |      | (1,741)   |          | 14,917       |  |  |  |  |  |
|                             | Notes receivable                        |    | 96,694    |      | -         |          | 96,694       |  |  |  |  |  |
|                             | Other trade receivables                 |    | 14,641    |      | (462)     |          | 14,179       |  |  |  |  |  |
|                             | Other receivables                       |    | 596,433   |      | (248,452) |          | 347,981      |  |  |  |  |  |
|                             | Accrued revenue                         |    | 60,187    |      | (26,078)  |          | 34,109       |  |  |  |  |  |
|                             | Short-term loans                        |    | 195,221   |      | (81,976)  |          | 113,245      |  |  |  |  |  |
|                             |   | ₩  | 2,946,853 | ₩    | (539,109) | ₩        | 2,407,744    |  |  |  |  |  |
| Non-current assets          |   |    |           |      |           |          |              |  |  |  |  |  |
| Long-term trade and         | Long-term other                         |    |           |      |           |          |              |  |  |  |  |  |
| other receivables           | receivables                             | ₩  | 45,884    | ₩    | -         | ₩        | 45,884       |  |  |  |  |  |
|                             | Long-term loans                         |    | 892,204   |      | (297,443) |          | 594,761      |  |  |  |  |  |
|                             | Deposits provided for business          |    | 290,397   |      | (8,484)   |          | 281,913      |  |  |  |  |  |
|                             |   | ₩  | 1,228,485 | ₩    | (305,927) | ₩        | 922,558      |  |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Unbilled amount related to construction and leasehold deposits are excluded due to reclassification of accounts.

#### (2) Aging schedule on trade and other receivables are as follows:

| (in millions of Korean won)           | 202               | 20 <sup>1</sup>   | 2019 <sup>1</sup> |                   |  |  |  |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|--|--|--|
|                                       | Trade receivables | Other receivables | Trade receivables | Other receivables |  |  |  |
| Receivables not impaired <sup>2</sup> |                   |                   |                   |                   |  |  |  |
| Up to 1 year                          | ₩ 1,015,998       | ₩ 286,320         | ₩ 1,296,000       | ₩ 317,567         |  |  |  |
| 1 to 2 years                          | 141,795           | 38,123            | 162,696           | 75,133            |  |  |  |
| Over 2 years                          | 269,623           | 98,835            | 326,836           | 121,575           |  |  |  |
|                                       | 1,427,416         | 423,278           | 1,785,532         | 514,275           |  |  |  |
| Individually impaired                 | 253,692           | 465,816           | 309,481           | 337,566           |  |  |  |
|                                       | ₩ 1,681,108       | ₩ 889,094         | ₩ 2,095,013       | ₩ 851,841         |  |  |  |
| Allowance for bad debts               | ₩ (218,689)       | ₩ (394,448)       | ₩ (182,603)       | ₩ (356,506)       |  |  |  |

<sup>&</sup>lt;sup>1</sup> Unbilled amount related to construction are excluded due to reclassification of accounts.

 $<sup>^2</sup>$  Includes receivables with deferred collection due to contract conditions (2020:  $\mbox{$oldsymbol{$W$}}$  290,584 million, 2019:  $\mbox{$oldsymbol{$W$}}$  387,450 million)

(3) Changes in allowance for bad debts as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean                | 20201  |    |          |   |                      |   |                         |   |         |
|---------------------------------------|--|----|----------|---|----------------------|---|-------------------------|---|---------|
|                                       |  | Ве | eginning |   | Bad debt<br>expenses |   | Reversal /<br>write-off |   | Ending  |
| Trade and other receivables           | Receivables from construction contracts Receivables from | ₩  | 180,400  | ₩ | 48,800               | ₩ | (13,176)                | ₩ | 216,024 |
|                                       | apartment sales  |    | 1,741    |   | 28                   |   | (640)                   |   | 1,129   |
|                                       | Notes receivable   |    | -        |   | 802                  |   | -                       |   | 802     |
|                                       | Other receivables  |    | 248,452  |   | 45,034               |   | (14,690)                |   | 278,796 |
|                                       | Accrued revenue  |    | 26,078   |   | 4,557                |   | (460)                   |   | 30,175  |
|                                       | Short-term loans   |    | 81,976   |   | 3,641                |   | (140)                   |   | 85,477  |
|                                       | Other trade receivables                                  |    | 462      |   | 1,135                |   | (863)                   |   | 734     |
|                                       |  | ₩  | 539,109  | ₩ | 103,997              | ₩ | (29,969)                | ₩ | 613,137 |
| Long-term trade and other receivables | Long-term loans<br>Deposits provided for                 | ₩  | 297,443  | ₩ | 65,005               | ₩ | (159,265)               | ₩ | 203,183 |
|                                       | business   |    | 8,484    |   | 29                   |   | (8,314)                 |   | 199     |
|                                       |  | ₩  | 305,927  | ₩ | 65,034               | ₩ | (167,579)               | ₩ | 203,382 |

<sup>&</sup>lt;sup>1</sup> Unbilled amount related to construction and leasehold deposits are excluded due to reclassification of accounts.

| (in millions of Korean                | won)   | 2019 <sup>1</sup>                         |         |   |        |   |          |   |         |  |
|---------------------------------------|--|---|---------|---|--------|---|----------|---|---------|--|
|                                       | Ве   | Bad debt Revers Beginning expenses write- |         |   |        |   |          |   |         |  |
| Trade and other receivables           | Receivables from construction contracts Receivables from | ₩   | 166,021 | ₩ | 22,876 | ₩ | (8,497)  | ₩ | 180,400 |  |
|                                       | apartment sales  |   | 885     |   | 1,621  |   | (765)    |   | 1,741   |  |
|                                       | Other receivables  |   | 215,802 |   | 50,684 |   | (18,034) |   | 248,452 |  |
|                                       | Accrued revenue  |   | 22,767  |   | 4,219  |   | (908)    |   | 26,078  |  |
|                                       | Short-term loans   |   | 81,605  |   | 1,410  |   | (1,039)  |   | 81,976  |  |
|                                       | Other trade receivables                                  |   | 254     |   | 2,034  |   | (1,826)  |   | 462     |  |
|                                       |  | ₩   | 487,334 | ₩ | 82,844 | ₩ | (31,069) | ₩ | 539,109 |  |
| Long-term trade and other receivables | Long-term loans<br>Deposits provided for                 | ₩   | 269,215 | ₩ | 62,840 | ₩ | (34,612) | ₩ | 297,443 |  |
|                                       | business   |   | 7,346   |   | 1,749  |   | (611)    |   | 8,484   |  |
|                                       |  | ₩   | 276,561 | ₩ | 64,589 | ₩ | (35,223) | ₩ | 305,927 |  |

<sup>&</sup>lt;sup>1</sup> Unbilled amount related to construction and leasehold deposits are excluded due to reclassification of accounts.

#### 7. Construction Contracts

(1) Changes in the outstanding balances of construction contracts for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)    | 2020         |             |             |              |  |  |  |
|--------------------------------|--------------|-------------|-------------|--------------|--|--|--|
|                                |              |             | _           |              |  |  |  |
|                                | Beginning    | Increase    | recognized  | Ending       |  |  |  |
|                                |              |             |             |              |  |  |  |
| Architectural & housing        |              |             |             |              |  |  |  |
| construction                   | ₩ 9,189,474  | ₩ 5,766,777 | ₩ 5,183,832 | ₩ 9,772,419  |  |  |  |
| Plant construction             | 2,739,597    | 679,545     | 2,314,858   | 1,104,284    |  |  |  |
| Infra works                    | 2,747,334    | 771,391     | 845,446     | 2,673,279    |  |  |  |
| Decentralized energy           | 507,400      | 18,362      | 346,213     | 179,549      |  |  |  |
|                                | 15,183,805   | 7,236,075   | 8,690,349   | 13,729,531   |  |  |  |
| Housing construction and sales |              |             |             |              |  |  |  |
| operations¹                    | 890,425      | (3,151)     | 414,705     | 472,569      |  |  |  |
|                                | ₩ 16,074,230 | ₩ 7,232,924 | ₩ 9,105,054 | ₩ 14,202,100 |  |  |  |

<sup>&</sup>lt;sup>1</sup> Apartment sales contracts of which the revenue is recognized at a point in time are excluded.

| (in millions of Korean won)    | 2019      |            |   |           |   |                     |   |            |  |
|--------------------------------|-----------|------------|---|-----------|---|---------------------|---|------------|--|
| ,                              | Beginning |            |   | Increase  |   | Sales<br>recognized |   | Ending     |  |
| Architectural & housing        |           |            |   |           |   |                     |   |            |  |
| construction                   | ₩         | 8,362,139  | ₩ | 6,263,523 | ₩ | 5,436,188           | ₩ | 9,189,474  |  |
| Plant construction             |           | 3,052,422  |   | 2,338,036 |   | 2,650,861           |   | 2,739,597  |  |
| Infra works                    |           | 2,729,107  |   | 872,988   |   | 854,761             |   | 2,747,334  |  |
| Decentralized energy           |           | 865,718    |   | 108,699   |   | 467,017             |   | 507,400    |  |
|                                |           | 15,009,386 |   | 9,583,246 |   | 9,408,827           |   | 15,183,805 |  |
| Housing construction and sales |           |            |   |           |   |                     |   |            |  |
| operations <sup>1</sup>        |           | 1,149,795  |   | 65,453    |   | 324,823             |   | 890,425    |  |
|                                | ₩         | 16,159,181 | ₩ | 9,648,699 | ₩ | 9,733,650           | ₩ | 16,074,230 |  |

<sup>&</sup>lt;sup>1</sup> Apartment sales contracts of which the revenue is recognized at a point in time are excluded.

The amounts above do not include the construction contracts which are before commencement.

(2) Details of construction contracts in progress as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                | on) <b>2020</b>   |                  |                           |  |  |  |  |  |
|--|-------------------|------------------|---------------------------|--|--|--|--|--|
|  | Accumulated sales | Accumulated cost | Accumulated profit (loss) | Retention for receivables <sup>1</sup> |  |  |  |  |
| Architectural & housing                    |                   |                  |                           |  |  |  |  |  |
| construction                               | ₩ 34,529,301      | ₩ 29,341,958     | ₩ 5,187,343               | ₩ 11,941                               |  |  |  |  |
| Plant construction                         | 35,467,933        | 35,487,648       | (19,715)                  | 157,809                                |  |  |  |  |
| Infra works                                | 10,381,441        | 10,005,189       | 376,252                   | 75,061                                 |  |  |  |  |
| Decentralized energy                       | 5,188,323         | 5,374,244        | (185,921)                 | 45,773                                 |  |  |  |  |
|  | 85,566,998        | 80,209,039       | 5,357,959                 | 290,584                                |  |  |  |  |
| Housing construction and sales             |                   |                  |                           |  |  |  |  |  |
| operations¹                                | 1,719,594         | 1,378,746        | 340,848                   |  |  |  |  |  |
|  | ₩ 87,286,592      | ₩ 81,587,785     | ₩ 5,698,807               | ₩ 290,584                              |  |  |  |  |
| <sup>1</sup> Included in trade receivables |                   |                  |                           |  |  |  |  |  |
| (in millions of Korean won)                |                   | 20               | 19                        |  |  |  |  |  |
|  | Accumulated sales | Accumulated cost | Accumulated profit (loss) | Retention for receivables <sup>1</sup> |  |  |  |  |

| (in millions of Korean won)    | won) 2019         |                  |                           |  |  |  |  |  |
|--------------------------------|-------------------|------------------|---------------------------|--|--|--|--|--|
|                                | Accumulated sales | Accumulated cost | Accumulated profit (loss) | Retention for receivables <sup>1</sup> |  |  |  |  |
| Architectural & housing        |                   |                  |                           |  |  |  |  |  |
| construction                   | ₩ 30,132,918      | ₩ 26,050,021     | ₩ 4,082,897               | ₩ 12,468                               |  |  |  |  |
| Plant construction             | 33,223,551        | 33,117,620       | 105,931                   | 180,583                                |  |  |  |  |
| Infra works                    | 9,778,016         | 9,412,092        | 365,924                   | 126,278                                |  |  |  |  |
| Decentralized energy           | 5,906,454         | 6,028,082        | (121,628)                 | 68,121                                 |  |  |  |  |
|                                | 79,040,939        | 74,607,815       | 4,433,124                 | 387,450                                |  |  |  |  |
| Housing construction and sales |                   |                  |                           |  |  |  |  |  |
| operations <sup>1</sup>        | 1,636,861         | 1,334,877        | 301,984                   |  |  |  |  |  |
|                                | ₩ 80,677,800      | ₩ 75,942,692     | ₩ 4,735,108               | ₩ 387,450                              |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Included in trade receivables

(3) Details of contract assets and liabilities (unbilled and overbilled amount) related to construction as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)          | 2020 |                                 |   |                     |   | 2019                            |   |                     |  |
|--------------------------------------|------|---------------------------------|---|---------------------|---|---------------------------------|---|---------------------|--|
|                                      |      | Contract<br>assets <sup>1</sup> |   | Contract iabilities |   | Contract<br>assets <sup>1</sup> |   | Contract iabilities |  |
| Architectural & housing construction | ₩    | 326,308                         | ₩ | 1,263,402           | ₩ | 269,760                         | ₩ | 1,393,967           |  |
| Plant construction                   |      | 285,586                         |   | 220,368             |   | 244,998                         |   | 240,148             |  |
| Infra works                          |      | 358,420                         |   | 114,727             |   | 424,286                         |   | 182,521             |  |
| Decentralized energy                 |      | 52,411                          |   | 48,089              |   | 150,252                         |   | 85,928              |  |
|                                      | ₩    | 1,022,725                       | ₩ | 1,646,586           | ₩ | 1,089,296                       | ₩ | 1,902,564           |  |

As of December 31, 2020, the unbilled amount from housing construction and sales operations is  $\mbox{$W$}$  747 million (2019:  $\mbox{$W$}$  8,140 million) and overbilled amount from housing construction and sales operations is  $\mbox{$W$}$  59,597 million (2019:  $\mbox{$W$}$  255,990 million).

(4) As of December 31, 2020, the cost of fulfilling a contract which the Group has recognized as an asset is \( \psi \) 103,096 million (2019: \( \psi \) 84,234 million). In connection with construction contracts, the Group recognized cost directly related to the contract (or expected contract) and that creates or increases the value of the entity's resources to be used in fulfilling its future performance obligations and recoverable, as cost to fulfill a contract.

(5) Details of major joint construction contracts as of December 31, 2020, are as follows:

| (in millions of Korean won)  | Total contract amount | Amounts<br>attributable to<br>the Group | Equity interest<br>attributable to<br>the Group | Principal contractee               |
|--|-----------------------|---|---|------------------------------------|
|  |                       | -                                       | -   | -                                  |
| Karbala Refinery Project (Iraq)  | ₩ 6,780,83            | 5 ₩ 2,542,813                           | 37.5%   | Hyundai E&C                        |
| Clean Fuels Project(MAA) (Kuwait)  | 5,056,026             | 1,685,342                               | 33.3%   | JGC                                |
| P10-Project (Gyeonggi)   | 1,878,696             | 958,135                                 | 51.0%   | The Group                          |
| STAR Project   | 2,366,043             | 788,602                                 | 33.3%   | The Group                          |
| PP-12 Combined Thermal Power (Saudi)   | 1,362,936             | 681,468                                 | 50.0%   | Arabian Bemco Contracting Co. Ltd. |
| Qatar Doha Metro (Qatar)   | 2,261,760             | 565,440                                 | 25.0%   | QDVC                               |
| New Hanul Nuclear Power Plant #1,2 main facility construction (Gyeongbuk)                | 1,861,864             | 465,466                                 | 25.0%   | Hyundai E&C                        |
| Samcheok Green Energy Park Co.,Ltd Conditional purchase of boiler installation (Gangwon) | 826,380               | ) 404,926                               | 49.0%   | Hyundai E&C                        |
| P9-Project (Gyeonggi)  | 703,263               | 358,664                                 | 51.0%   | The Group                          |
| Kais CCPP Project (Algeria)  | 639,028               | 319,514                                 | 50.0%   | The Group                          |
| Gaepo 8 complex  | 2,602,958             | 866,785                                 | 33.3%   | Hyundai E&C                        |

<sup>&</sup>lt;sup>1</sup> As of December 31, 2020, allowance for bad debts which the Group recognized for contract assets in accordance with Korean IFRS 1109 amounts to ₩ 264,995 million (2019: ₩ 115,076 million).

(6) Provision for construction losses under the stage-of-completion method, changes in contract revenues and costs arising from accounting estimates changes and unbilled amount related to construction for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of  |      |  |   |   |    |  |                | 2020  |            |  |   |  |              |  |
|--|------|--|---|---|----|--|----------------|---|------------|--|---|--|--------------|--|
| Korean won)  | Cons | rision for<br>struction<br>osses             | C | nanges in<br>contract<br>evenues                      | es | anges in<br>stimated<br>tract costs                    | fo<br>ye<br>ch | ofit (loss) r current ar due to anges in stimates     | pro<br>cha | spected<br>fit due to<br>anges in<br>timates     |   | Total  | u<br>a<br>re | anges in<br>nbilled<br>mount<br>lated to<br>estruction |
| Architectural & housing construction Plant construction Infra works Decentralized energy             | ₩    | 761<br>40,823<br>226<br>11,643<br>53,453     | ₩ | 374,919<br>517,227<br>91,483<br>8,572<br>992,201      | ₩  | (784,380)<br>720,282<br>92,783<br>(12,692)<br>15,993   | ₩              | 819,856<br>(253,380)<br>(28,469)<br>19,956<br>557,963 | ₩          | 339,442<br>50,325<br>27,169<br>1,308<br>418,244  | ₩ | 1,159,298<br>(203,055)<br>(1,300)<br>21,264<br>976,207 | ₩            | 819,856<br>(253,380)<br>(28,469)<br>19,956<br>557,963  |
| (in millions of<br>Korean won)   | Cons | rision for<br>struction<br>osses             | C | nanges in<br>contract<br>evenues                      | es | anges in<br>stimated<br>tract costs                    | for<br>ch      | 2019 ofit (loss) prior year due to anges in stimates  | pro<br>cha | spected<br>fit due to<br>anges in<br>timates     |   | Total  | u<br>a<br>re | anges in<br>nbilled<br>imount<br>lated to              |
| Architectural &<br>housing construction<br>Plant construction<br>Infra works<br>Decentralized energy | ₩    | 7,912<br>22,626<br>2,831<br>25,026<br>58,395 | ₩ | 910,604<br>1,795,974<br>87,661<br>77,767<br>2,872,006 | ₩  | 80,875<br>1,612,360<br>105,537<br>114,156<br>1,912,928 | ₩              | 457,029<br>54,334<br>(26,276)<br>(47,611)<br>437,476  | ₩          | 372,700<br>129,280<br>8,400<br>11,222<br>521,602 | ₩ | 829,729<br>183,614<br>(17,876)<br>(36,389)<br>959,078  | ₩            | 457,029<br>54,334<br>(26,276)<br>(47,611)<br>437,476   |

(7) Under the stage-of-completion method, the construction contracts of which the contract revenue exceeds 5% of the preceding year's total revenue for the year ended December 31, 2020, are as follows:

| (in millions of         |                       |                  |                 | 2020             | )      |                         |   |                         |  |
|-------------------------|-----------------------|------------------|-----------------|------------------|--------|-------------------------|---|-------------------------|--|
| Korean won)             |                       |                  | Contract<br>due | Progress<br>rate |        | ount related to ruction | Receivables from construction contracts |                         |  |
|                         |                       | Contract<br>date |                 |                  | Amount | Accumulated impairment  | Amount                                  | Allowance for bad debts |  |
| Architectural &         | P10-Project           | 2015-10-20       | 2022-03-31      | 99.27            | ₩ -    | ₩ -                     | ₩ 1,23                                  | 3 ₩ 7                   |  |
| housing<br>construction | Gaepo Presidents Xi   | 2019-11-04       | 2023-02-28      | 16.85            | -      | -                       |   |                         |  |
|                         | Grand City Xi         | 2016-10-01       | 2020-02-18      | 100.00           | -      | -                       |   |                         |  |
|                         | Second Grand City Xi  | 2017-05-01       | 2020-10-31      | 98.68            | -      | -                       |   | 1 -                     |  |
|                         | Gwacheon Xi           | 2018-12-13       | 2021-11-12      | 60.51            | -      | -                       | 1                                       | 5 -                     |  |
|                         | Ng Teng Fong Hospital | 2012-06-01       | 2015-10-30      | 100.00           | 8,934  | -                       |   |                         |  |
|                         | Marina South Parcel   | 2013-08-01       | 2018-05-30      | 100.00           | 31     | -                       | 11,96                                   |                         |  |
|                         | Tapseok Central Xi    | 2018-11-01       | 2021-12-31      | 62.82            | 46.841 | _                       |   | 5 -                     |  |

| (in millions of      |   |                  |                 | 2020             |           |                        |              |                         |
|----------------------|---|------------------|-----------------|------------------|-----------|------------------------|--------------|-------------------------|
| Korean won)          |   |                  | unt related to  |                  | bles from |                        |              |                         |
|                      |   | Comtroot         | C =             | D                | constr    |                        | construction | on contracts            |
|                      |   | Contract<br>date | Contract<br>due | Progress<br>rate | Amount    | Accumulated impairment | Amount       | Allowance for bad debts |
|                      | Gaepo 8 complex                                   | 2018-03-14       | 2021-07-31      | 50.98            | -         | -                      | -            | -                       |
|                      | GP3 (Architectural-<br>construction)              | 2017-07-07       | 2021-06-30      | 94.98            | -         | -                      | 25,850       | -                       |
|                      | Han River Metro Xi 2<br>Complex(Gyeonggi)         | 2017-05-15       | 2020-07-14      | 100.00           | -         | -                      | -            | -                       |
| Plant                | Karbala Refinery Project                          | 2014-04-22       | 2022-02-16      | 88.56            | -         | -                      | 167,074      | -                       |
| construction         | Ruwais Refinery Expansion<br>Project PKG-2        | 2009-12-14       | 2016-11-15      | 100.00           | -         | -                      | 3,967        | -                       |
|                      | ERC Refinery Project                              | 2007-08-29       | 2020-02-29      | 100.00           | 41,875    | -                      | 166,081      | -                       |
|                      | RRW Unit Restoration                              | 2017-06-29       | 2019-06-30      | 100.00           | 10,880    | -                      | -            | -                       |
|                      | Clean Fuels Project(MAA) <sup>1</sup>             | 2014-04-13       | 2021-06-30      | 98.15            | 10,978    | -                      | 5,892        | -                       |
|                      | NSRP Project                                      | 2013-07-22       | 2018-11-14      | 100.00           | -         | -                      | 96           | -                       |
|                      | MFC Project                                       | 2018-08-07       | 2021-04-30      | 86.40            | 12        | -                      | 1,004        | 5                       |
|                      | Rabigh II CP4                                     | 2012-06-25       | 2017-07-17      | 100.00           | -         | -                      | 21,760       | -                       |
|                      | Takreer Inter Refinery<br>Pipeline-2 Project      | 2010-09-16       | 2016-08-31      | 100.00           | 4         | -                      | 7,790        | -                       |
|                      | Rumaitha/Shanayel<br>Facilities PhaseⅢ            | 2014-04-14       | 2018-06-28      | 100.00           | 2,144     | -                      | 5,064        | -                       |
|                      | Yeosu No.2 Complex<br>Project                     | 2018-12-04       | 2021-06-30      | 87.32            | 94,672    | -                      | 30,162       | 162                     |
|                      | LPIC Project PKG 3                                | 2015-12-17       | 2020-04-24      | 100.00           | 937       | -                      | 14,217       | -                       |
|                      | KNPC North LPG Tank Farm                          | 2011-04-10       | 2019-08-28      | 100.00           | 44        | -                      | 1,474        | -                       |
|                      | KOC Wara Pressure<br>Maintenance Project          | 2011-09-15       | 2020-12-31      | 100.00           | 70,490    | 70,490                 | 1,465        | -                       |
|                      | Bahrain LNGIT Project <sup>1</sup>                | 2015-12-02       | 2021-06-30      | 99.40            | 26,202    | -                      | 4,547        | -                       |
|                      | Star Project                                      | 2013-05-20       | 2019-12-19      | 100.00           | -         | -                      | 36,583       | -                       |
| Infra works          | Thomson-East Coast line<br>Contract T301          | 2016-03-18       | 2024-02-28      | 61.51            | 149,028   | -                      | 43,076       | -                       |
|                      | Doha Link project                                 | 2014-12-30       | 2019-06-20      | 100.00           | -         | -                      | 5,924        | -                       |
|                      | Dohametro Qatar                                   | 2013-06-13       | 2020-04-05      | 100.00           | 54,427    | 54,427                 | 1,229        | -                       |
|                      | Contract N101                                     | 2018-12-26       | 2026-11-30      | 8.96             | -         | -                      | 899          | -                       |
|                      | ITTC Project                                      | 2020-05-11       | 2024-12-30      | 2.33             | -         | -                      | 310          | -                       |
| Decentralized energy | PP-12 Combined Thermal<br>Power Plant             | 2012-05-16       | 2020-11-17      | 100.00           | 90,589    | 90,589                 | -            | -                       |
|                      | Anyang Cogeneration Power Plant No.2 Construction | 2015-09-22       | 2021-12-31      | 93.81            | 4,363     | -                      | -            | -                       |

<sup>&</sup>lt;sup>1</sup> Expected construction period

Of the construction contracts whose total contract revenue amounts to 5% or more of the previous fiscal year's sales, construction contracts before commencement which did not generate profits are excluded. Contracts of which revenue is recognized as the percentage of completion method due to construction warranty after delivery are included. On the other side, there are no construction contracts that are excluded from the disclosure due to related laws or contracts with the client.

## 8. Inventories and Other Assets

(1) Inventories as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)        |   | 2020      | 2019 |         |  |
|------------------------------------|---|-----------|------|---------|--|
|                                    |   |           |      |         |  |
| Land for construction <sup>1</sup> | ₩ | 899,197   | ₩    | 305,909 |  |
| Finished housing                   |   | -         |      | 822     |  |
| Goods and products                 |   | 9,466     |      | 1,173   |  |
| Raw materials                      |   | 50,361    |      | 55,542  |  |
| Unfinished housing construction    |   | 424,837   |      | 511,040 |  |
| Supplies                           |   | 44,068    |      | 514     |  |
| Incompletion construction          |   | 2,132     |      | 114     |  |
|                                    | ₩ | 1,430,061 | ₩    | 875,114 |  |

<sup>&</sup>lt;sup>1</sup> Land for construction amounting to ₩ 244,001 million (2019: ₩ 243,374 million) has been pledged as collateral for borrowings.

(2) Other current assets as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) |   | 2020    |   | 2019    |
|-----------------------------|---|---------|---|---------|
| Prepaid construction costs  | ₩ | 103,096 | ₩ | 84,234  |
| Advance payments            |   | 258,741 |   | 596,348 |
| Prepaid expenses            |   | 31,780  |   | 103,933 |
| Purchase value added tax    |   | 48,333  |   | 58,732  |
| Prepaid income taxes        |   | 22,287  |   | 27,988  |
|                             | ₩ | 464,237 | ₩ | 871,235 |

(3) Other non-current assets as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) | 2 | 2020    | 2019 |   |
|-----------------------------|---|---------|------|---|
| Long-term advance payments  | ₩ | 18,495  | ₩    | - |
| Long-term prepaid expenses  |   | 96,390  |      | - |
| Other non-current assets    |   | 2,127   |      | - |
|                             | ₩ | 117,012 | ₩    |   |

## 9. Categories of Financial Assets and Liabilities

(1) Categories of financial assets as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)   |                    |  | :   | 2020           |  |   |  |
|---|--------------------|--|---|----------------|--|---|--|
|   | ass<br>valu        | nancial<br>ets at fair<br>e through<br>fit or loss | Derivative<br>financial<br>instruments      | an             | Financial<br>assets at<br>nortized cost      |   | Total  |
| Cash and cash equivalents   | ₩                  | -  | ₩   | - ₩            | 2,118,919                                    | ₩ | 2,118,919                                    |
| Trade and other receivables   |                    | -  |   | -              | 1,957,065                                    |   | 1,957,065                                    |
| Short-term financial assets<br>Long-term trade and other  |                    | 30,000   | 19,12                                       | 8              | 208,742                                      |   | 257,870                                      |
| receivables   |                    | -  |   | -              | 866,621                                      |   | 866,621                                      |
| Long-term financial assets Financial assets at fair value   |                    | -  | 2   | 9              | 616,777                                      |   | 616,806                                      |
| through profit or loss  |                    | 249,466  |   | -              | _  |   | 249,466                                      |
|   | ₩                  | 279,466  | ₩ 19,15                                     | 7 ₩            | 5,768,124                                    | ₩ | 6,066,747                                    |
|   |                    |  |   |                |  |   |  |
| (in millions of Korean won)   |                    |  | :   | 2019           |  |   |  |
| (in millions of Korean won)   | ass<br>valu        | nancial<br>ets at fair<br>e through<br>fit or loss | Derivative<br>financial<br>instruments      |                | Financial<br>assets at<br>nortized cost      |   | Total  |
| (in millions of Korean won)  Cash and cash equivalents  | ass<br>valu        | ets at fair<br>e through                           | Derivative<br>financial                     |                | assets at                                    | ₩ | <b>Total</b> 1,792,956                       |
|   | ass<br>valu<br>pro | ets at fair<br>e through                           | Derivative<br>financial<br>instruments      | an             | assets at<br>nortized cost                   | ₩ |  |
| Cash and cash equivalents   | ass<br>valu<br>pro | ets at fair<br>e through                           | Derivative<br>financial<br>instruments      | an<br>- ₩<br>- | assets at<br>nortized cost<br>1,792,956      | ₩ | 1,792,956                                    |
| Cash and cash equivalents Trade and other receivables <sup>1</sup> Short-term financial assets  | ass<br>valu<br>pro | ets at fair<br>e through<br>fit or loss<br>-<br>-  | Derivative<br>financial<br>instruments<br>₩ | an<br>- ₩<br>- | 1,792,956<br>2,407,744                       | ₩ | 1,792,956<br>2,407,744                       |
| Cash and cash equivalents Trade and other receivables <sup>1</sup> Short-term financial assets Long-term trade and other  | ass<br>valu<br>pro | ets at fair<br>e through<br>fit or loss<br>-       | Derivative<br>financial<br>instruments<br>₩ | an<br>- ₩<br>- | 1,792,956<br>2,407,744<br>200,031            | ₩ | 1,792,956<br>2,407,744<br>244,900            |
| Cash and cash equivalents Trade and other receivables <sup>1</sup> Short-term financial assets Long-term trade and other receivables <sup>2</sup> Long-term financial assets <sup>2,3</sup> | ass<br>valu<br>pro | ets at fair<br>e through<br>fit or loss<br>-       | Derivative<br>financial<br>instruments<br>₩ | an<br>- ₩<br>- | 1,792,956<br>2,407,744<br>200,031<br>922,558 | ₩ | 1,792,956<br>2,407,744<br>244,900<br>922,558 |

<sup>&</sup>lt;sup>1</sup> Reclassification of accounts to contract assets is reflected.

<sup>&</sup>lt;sup>2</sup> Reclassification of leasehold deposit is reflected.

<sup>&</sup>lt;sup>3</sup> Reclassification of government bond is reflected.

(2) Categories of financial liabilities as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)            | 2020   |  |   |             |  |  |  |  |  |  |  |  |
|--|--|--|---|-------------|--|--|--|--|--|--|--|--|
|  | Financial<br>liabilities at<br>fair value<br>through profit<br>or loss | Derivative<br>financial<br>instruments | Other financial liabilities at amortized cost | Total       |  |  |  |  |  |  |  |  |
| Trade and other payables               | ₩ .  | - ₩ -                                  | ₩ 1,403,146                                   | ₩ 1,403,146 |  |  |  |  |  |  |  |  |
| Short-term financial liabilities       | 38,722   | 6,740                                  | 1,148,010                                     | 1,193,472   |  |  |  |  |  |  |  |  |
| Other current liabilities <sup>1</sup> |  | -                                      | 463,657                                       | 463,657     |  |  |  |  |  |  |  |  |
| Long-term trade and other              |  |  |   |             |  |  |  |  |  |  |  |  |
| payables                               |  | -                                      | 189,393                                       | 189,393     |  |  |  |  |  |  |  |  |
| Long-term financial liabilities        |  | 2,270                                  | 2,955,709                                     | 2,957,979   |  |  |  |  |  |  |  |  |
| Other non-current liabilities          | <u> </u>   | <u> </u>                               | 55,003  | 55,003      |  |  |  |  |  |  |  |  |
|  | ₩ 38,722   | 9,010                                  | ₩ 6,214,918                                   | ₩ 6,262,650 |  |  |  |  |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Consists of accrued expenses, accrued dividends, current membership guarantee deposits and deposits received and, except for short-term employee benefits.

| (in millions of Korean won)            | 2019   |  |   |             |  |  |  |  |  |  |  |  |  |
|--|--|--|---|-------------|--|--|--|--|--|--|--|--|--|
|  | Financial<br>liabilities at<br>fair value<br>through profit<br>or loss | Derivative<br>financial<br>instruments | Other financial liabilities at amortized cost | Total       |  |  |  |  |  |  |  |  |  |
| Trade and other payables               | ₩ -  | ₩ -                                    | ₩ 1,629,980                                   | ₩ 1,629,980 |  |  |  |  |  |  |  |  |  |
| Short-term financial liabilities       | 14,268   | 3,734                                  | 956,615                                       | 974,617     |  |  |  |  |  |  |  |  |  |
| Other current liabilities <sup>1</sup> | -  | -                                      | 219,356                                       | 219,356     |  |  |  |  |  |  |  |  |  |
| Long-term financial liabilities        | -  | 2,016                                  | 2,683,019                                     | 2,685,035   |  |  |  |  |  |  |  |  |  |
| Other non-current liabilities          |  |  | 76,248  | 76,248      |  |  |  |  |  |  |  |  |  |
|  | ₩ 14,268   | ₩ 5,750                                | ₩ 5,565,218                                   | ₩ 5,585,236 |  |  |  |  |  |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Consists of accrued expenses, accrued dividends, current membership guarantee deposits and deposits received and, except for short-term employee benefits.

(3) Net gains and losses on financial instruments by category for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of               | 2020  |            |   |             |  |  |  |  |  |  |  |  |  |
|-------------------------------|---|------------|---|-------------|--|--|--|--|--|--|--|--|--|
| Korean won)                   | Financial instruments a fair value through profit or loss | Derivative | Financial<br>instruments at<br>amortized cost | Total       |  |  |  |  |  |  |  |  |  |
| Interest income <sup>1</sup>  | ₩ 80  | ) ₩ -      | ₩ 38,872                                      | ₩ 38,952    |  |  |  |  |  |  |  |  |  |
| Interest expense <sup>1</sup> |   |            | (94,246)                                      | (94,246)    |  |  |  |  |  |  |  |  |  |
| Loss on foreign currency      |   |            |   |             |  |  |  |  |  |  |  |  |  |
| translation                   |   |            | (71,837)                                      | (71,837)    |  |  |  |  |  |  |  |  |  |
| Loss on foreign currency      |   |            |   |             |  |  |  |  |  |  |  |  |  |
| transaction                   |   |            | (21,484)                                      | (21,484)    |  |  |  |  |  |  |  |  |  |
| Loss on derivatives valuation | (28,384   | (8,953)    | -   | (37,337)    |  |  |  |  |  |  |  |  |  |
| Gain (loss) on derivatives    |   |            |   |             |  |  |  |  |  |  |  |  |  |
| transaction                   | (430  | ) 61       | -   | (369)       |  |  |  |  |  |  |  |  |  |
| Dividend income               | 600   | ) -        | -   | 600         |  |  |  |  |  |  |  |  |  |
| Other finance income (loss)   | 24,33   | 3          | (212,272)                                     | (187,934)   |  |  |  |  |  |  |  |  |  |
|                               | ₩ (3,796  | (8,892) ₩  | ₩ (360,967)                                   | ₩ (373,655) |  |  |  |  |  |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Interest expenses for lease liabilities and interest income from subleases are excluded.

| (in millions of               | 2019                |   |   |                                       |     |  |   |           |  |  |  |  |  |
|-------------------------------|---------------------|---|---|---------------------------------------|-----|--|---|-----------|--|--|--|--|--|
| Korean won)                   | instr<br>fa<br>thro | inancial<br>ruments at<br>air value<br>ough profit<br>or loss |   | Derivative<br>financial<br>estruments | ins | Financial<br>truments at<br>ortized cost |   | Total     |  |  |  |  |  |
| Interest income <sup>1</sup>  | ₩                   | 47  | ₩ | -                                     | ₩   | 46,919                                   | ₩ | 46,966    |  |  |  |  |  |
| Interest expense <sup>1</sup> |                     | -   |   | -                                     |     | (123,663)                                |   | (123,663) |  |  |  |  |  |
| Gain on foreign currency      |                     |   |   |                                       |     |  |   |           |  |  |  |  |  |
| translation                   |                     | -   |   | -                                     |     | 31,090                                   |   | 31,090    |  |  |  |  |  |
| Gain on foreign currency      |                     |   |   |                                       |     |  |   |           |  |  |  |  |  |
| transaction                   |                     | -   |   | -                                     |     | (3,479)                                  |   | (3,479)   |  |  |  |  |  |
| Gain on derivatives           |                     |   |   |                                       |     |  |   |           |  |  |  |  |  |
| valuation <sup>1</sup>        |                     | 27,896  |   | 6,917                                 |     | -  |   | 34,813    |  |  |  |  |  |
| Loss on derivatives           |                     |   |   |                                       |     |  |   |           |  |  |  |  |  |
| transaction                   |                     | (18,221)  |   | (59,002)                              |     | -  |   | (77,223)  |  |  |  |  |  |
| Dividend income               |                     | 750   |   | -                                     |     | -  |   | 750       |  |  |  |  |  |
| Other finance loss            |                     | (27,454)  |   |                                       |     | (3,357)                                  |   | (30,811)  |  |  |  |  |  |
|                               | ₩                   | (16,982)  | ₩ | (52,085)                              | ₩   | (52,490)                                 | ₩ | (121,557) |  |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Interest expenses for lease liabilities and interest income from subleases are excluded.

## 10. Financial Assets at Fair Value through Profit or Loss

(1) Details of financial assets at fair value through profit or loss as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)      |   | <b>2020</b> <sup>1</sup> |   | <b>2019</b> <sup>1</sup> |  |  |
|----------------------------------|---|--------------------------|---|--------------------------|--|--|
| Debt securities                  | ₩ | -                        | ₩ | 5,210                    |  |  |
| Non-marketable equity securities |   | 249,466                  |   | 234,658                  |  |  |
|                                  | ₩ | 249,466                  | ₩ | 239,868                  |  |  |

<sup>&</sup>lt;sup>1</sup> Government bonds are excluded due to reclassification of accounts.

(2) Changes in financial assets at fair value through profit of loss for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) |   | 2020     |   | 2019     |
|-----------------------------|---|----------|---|----------|
| Beginning                   | ₩ | 239,868  | ₩ | 228,835  |
| Acquisition                 |   | 12,057   |   | 9,400    |
| Disposal                    |   | (18,635) |   | (12,272) |
| Valuation                   |   | 32,514   |   | (36,783) |
| Transfer                    |   | (17,653) |   | 43,292   |
| Changes in exchange rate    |   | 1,314    |   | 477      |
| Changes in consolidation    |   | 1        |   | 6,919    |
| Ending                      | ₩ | 249,466  | ₩ | 239,868  |

(3) Details of non-marketable equity securities as of December 31, 2020, and 2019, are as follows:

| (in millions of Korean won)                            | Number of | Equity interest |   | Acquisit | tion | cost   | Book value <sup>1</sup> |        |  |  |  |  |
|--|-----------|-----------------|---|----------|------|--------|-------------------------|--------|--|--|--|--|
|  | shares    | (%)             |   | 2020     |      | 2019   | 2020                    | 2019   |  |  |  |  |
| Uijeongbu LRT Inc.                                     | 8,663,394 | 47.54           | ₩ | 45,226   | ₩    | 45,226 | ₩ -                     | ₩ -    |  |  |  |  |
| Seoul-Munsan Highway Co., Ltd.<br>Oksan Ochang Highway | 9,667,840 | 36.40           |   | 48,339   |      | 48,339 | 42,248                  | 48,339 |  |  |  |  |
| Corporation Daegu Green Energy Center                  | 5,988,000 | 60.00           |   | 29,940   |      | 29,940 | 3,515                   | 6,371  |  |  |  |  |
| Co., Ltd.  | 474,400   | 10.20           |   | 2,372    |      | 2,372  | -                       | -      |  |  |  |  |
| Eun Pyung New Road Corp.                               | 435,200   | 55.06           |   | 2,176    |      | 2,176  | 2,176                   | 2,176  |  |  |  |  |
| Jeonju Sewage Pipe Co., Ltd.                           | 207,060   | 7.90            |   | 1,035    |      | 1,035  | -                       | -      |  |  |  |  |
| Nonsan Drain Co., Ltd.                                 | 91,868    | 11.90           |   | 459      |      | 459    | 459                     | 459    |  |  |  |  |
| Masan Drain Co., Ltd.                                  | 220,890   | 8.14            |   | 1,104    |      | 1,104  | 503                     | 503    |  |  |  |  |
| Youngduk & Bio Co., Ltd. The 2nd YoungDong Highway     | 34,870    | 4.22            |   | 174      |      | 174    | 174                     | 174    |  |  |  |  |
| Co., Ltd.  | 1,437,483 | 2.69            |   | 7,187    |      | 7,187  | 511                     | 507    |  |  |  |  |
| Gaya Railway Co., Ltd.                                 | 305,490   | 2.30            |   | 1,527    |      | 1,527  | 167                     | 158    |  |  |  |  |
| S-Y highway Co., Ltd.                                  | 4,737,712 | 7.00            |   | 23,689   |      | 23,689 | -                       | 11,896 |  |  |  |  |

| (in millions of Korean won)                                  | Number of | Equity interest | Acquisitio | on cost | Book value <sup>1</sup> |        |  |  |  |
|--|-----------|-----------------|------------|---------|-------------------------|--------|--|--|--|
|  | shares    | (%)             | 2020       | 2019    | 2020                    | 2019   |  |  |  |
| Kangreung Sewage Pipe Co.,                                   |           |                 |            |         |                         |        |  |  |  |
| Ltd.<br>Eumseong Sewage Pipe                                 | 50,682    | 3.30            | 253        | 253     | 253                     | 253    |  |  |  |
| Co.,Ltd.   | 67,210    | 6.30            | 336        | 336     | 336                     | 336    |  |  |  |
| Mileseum Co., Ltd.   | 86,645    | 1.63            | 433        | 433     | 433                     | 433    |  |  |  |
| Seoul Northern Highway Co.,Ltd.                              | 2,730,560 | 5.60            | 13,653     | 13,653  | 2,845                   | 2,624  |  |  |  |
| Daejeon Sewage Pipe Co., Ltd.                                | 108,456   | 4.00            | 830        | 830     | 830                     | 830    |  |  |  |
| Gyungggi Railroad Cd., Ltd.<br>Green Energy Development Co., | 495,000   | 2.45            | 2,475      | 2,475   | -                       | -      |  |  |  |
| Ltd.   | 81,000    | 27.00           | 405        | 405     | 405                     | 405    |  |  |  |
| Dangyul Co., Ltd.  | 128,228   | 11.29           | 641        | 641     | 641                     | 641    |  |  |  |
| Wonju Green Co., Ltd.  | 226,376   | 11.03           | 1,132      | 1,132   | 242                     | 395    |  |  |  |
| Gumi Green Water Co., Ltd.                                   | 335,412   | 18.90           | 1,677      | 1,677   | 1,257                   | 1,348  |  |  |  |
| Ulsan green Co., Ltd.  | 701,368   | 19.74           | 3,507      | 3,507   | 3,533                   | 4,034  |  |  |  |
| Seoul Tunnel Co., Ltd.<br>Paju-Yangju Powerful Army Co.,     | 1,147,200 | 6.00            | 5,736      | 5,736   | 5,736                   | 5,736  |  |  |  |
| Ltd.   | 89,289    | 8.00            | 447        | 447     | -                       | -      |  |  |  |
| Evergreen Goyang Co., Ltd.<br>The 2nd Outer Circular Highway | 24,267    | 1.76            | 121        | 121     | 121                     | 121    |  |  |  |
| Co., Ltd.  | 2,894,436 | 13.32           | 14,472     | 14,472  | 14,472                  | 14,472 |  |  |  |
| Midan City Development Co., Ltd Dream Hub Project Financial  | 2,391,480 | 13.40           | 13,240     | 13,240  | -                       | -      |  |  |  |
| Investment Alpha Dome City Co., Ltd.                         | 4,000,000 | 2.00            | 20,000     | 20,000  | -                       | -      |  |  |  |
| (deferred shares)  | 13,175    | 0.48            | 66         | 66      | -                       | -      |  |  |  |
| Bichaenoori Co., Ltd.  | -         | -               | -          | 58      | -                       | -      |  |  |  |
| Bichaenoori Development Co.,Ltd.                             | -         | -               | -          | 3,289   | -                       | -      |  |  |  |
| Alpharos PFV Co., Ltd.                                       | -         | -               | -          | 11,496  | -                       | -      |  |  |  |
| Alpharos Mixed-use Development Co., Ltd.                     | 9.580     | 9.58            | 48         | 48      | _                       | _      |  |  |  |
| Tropical Bintan Pte., Ltd.                                   | 625,000   | 12.50           | 2.444      | 2,444   | _                       | _      |  |  |  |
| The Korea Economic Daily                                     | 646       | -               | 14         | 14      | 14                      | 14     |  |  |  |
| Asiad Country Club Co., Ltd.                                 | 040       |                 | 17         | 1-7     | 1-7                     | 17     |  |  |  |
| (Formerly, Busan Travel & Development Co., Ltd.)             | 80,000    | 2.67            | 400        | 400     | -                       | -      |  |  |  |
| International Convention Center<br>Jeju                      | 100,000   | 0.26            | 500        | 500     | 500                     | 500    |  |  |  |
| Public Development Co., Ltd.                                 | 276,259   | 17.09           | 2,669      | 3,947   | 2,496                   | 3,773  |  |  |  |
| Construction Guarantee<br>Cooperative <sup>2</sup>           | 16,363    | 0.41            | 17,095     | 17,095  | 24,838                  | 24,449 |  |  |  |
| Engineering Construction Financial Cooperative <sup>2</sup>  | 13,700    | 1.07            | 6,612      | 6,612   | 9,387                   | 8,855  |  |  |  |
| Electric Construction Financial Cooperative                  | 600       | 0.01            | 98         | 98      | 98                      | 98     |  |  |  |
| Information & Communication<br>Financial Cooperative         | 440       | 0.04            | 61         | 61      | 61                      | 61     |  |  |  |
| Fire Guarantee Cooperative                                   | 40        | 0.01            | 20         | 20      | 20                      | 20     |  |  |  |
| Siheung Ecopia Co., Ltd.                                     | 30,530    | 3.51            | 153        | 153     | 153                     | 153    |  |  |  |
| Pumyang Asset Management                                     | -         | -               | -          | 4       | -                       | 4      |  |  |  |
| Seo-seoul City Expressway Co.,<br>Ltd.                       | 600,087   | 3.53            | 3,000      | 3,000   | 53,850                  | 3,000  |  |  |  |
| Daejeon Green Energy Center Co., Ltd.                        | 396,792   | 10.20           | 1,984      | 1,984   | -                       | -      |  |  |  |

| (in millions of Korean won)   | N                   | Equity          | Acquisit  | tion cost | Book      | value <sup>1</sup> |  |  |
|---|---------------------|-----------------|-----------|-----------|-----------|--------------------|--|--|
|   | Number of<br>shares | interest<br>(%) | 2020      | 2019      | 2020      | 2019               |  |  |
| Dong Yang Engineering and   |                     |                 |           |           |           |                    |  |  |
| Construction Corp.  | 545                 | 0.02            | 3         | 3         | 3         | 3                  |  |  |
| Jinsung Construction Co., Ltd.  | 10,095              | 1.39            | 101       | 101       | -         | 101                |  |  |
| Gyeonggnam Enterprise Ltd.  | 292                 | -               | 1         | 1         | 1         | 1                  |  |  |
| Pyeongtaek EOS<br>Ansan 4dong 90 block PFV Co.,                                 | 328,200             | 6.00            | 1,641     | 1,641     | 1,641     | 1,641              |  |  |
| Ltd.  | 320,000             | 16.00           | 3,200     | 3,200     | 3,037     | 2,809              |  |  |
| Pusan New Road Co., Ltd. KIAMCO Gyeonggi Railway Investment Private Investment  | 2,201,310           | 32.13           | 11,007    | 11,007    | 11,007    | 11,007             |  |  |
| Trust   | 8,104,011,384       | 10.31           | 8,107     | 8,107     | -         | -                  |  |  |
| Gyongbuk Green Energy   | 286,552             | 8.40            | 1,433     | 1,433     | 1,515     | 1,433              |  |  |
| North Han-River Barraks   | 8,847               | 0.33            | 44        | 44        | 44        | 44                 |  |  |
| Central Yongin Corp.  | -                   | -               | -         | 400       | -         | 400                |  |  |
| Sejong Industry Complex Corp  | -                   | -               | -         | 10        | -         | 10                 |  |  |
| Ssangyong E&C Co., Ltd.   | 1,726               | -               | 9         | 9         | 9         | 9                  |  |  |
| Pureun seobu environment  | 13,488              | 1.30            | 68        | 68        | 68        | 68                 |  |  |
| Hwaseong Ecotec Co,.Ltd.  | 8,689               | 0.90            | 43        | 43        | 43        | 43                 |  |  |
| Blue Core PFV Co., Ltd.   | 1,000,000           | 10.00           | 5,000     | 5,000     | 5,000     | 5,000              |  |  |
| Gunsan Green Energy Center<br>Co., Ltd.   | 246,962             | 10.05           | 1,235     | 1,235     | 1,235     | 1,235              |  |  |
| GUMIMAKEUNMUL Co.,Ltd   | 116,721             | 12.15           | 584       | 584       | 584       | 584                |  |  |
| Donghae International<br>Resources Terminal Co., Ltd<br>SAMBU CONSTRUCTION CO., | 138,000             | 10.00           | 690       | 190       | 690       | 190                |  |  |
| LTD   | 13,615              | 0.01            | 14        | 14        | 14        | 14                 |  |  |
| Angelswing Co,. Ltd. Chemico Advanced Materials                                 | 5,291               | 4.53            | 1,500     | -         | 1,431     | -                  |  |  |
| Co.,Ltd.  | 34,970              | 14.54           | 1,500     | -         | 360       | -                  |  |  |
| Gangnam Metro Co.,Ltd.  | 3,900               | 39.00           | 20        | -         | 20        | -                  |  |  |
| Korea Painting Artists<br>Cooperative   | 10                  | 5.21            | 10        | -         | 10        | -                  |  |  |
| Others <sup>3</sup>   | -                   | -               | 63,209    | 68,419    | 50,480    | 66,928             |  |  |
|   |                     |                 | ₩ 377,169 | ₩ 395,384 | ₩ 249,466 | ₩ 234,658          |  |  |

<sup>&</sup>lt;sup>1</sup> The book value is the amount of net asset value or after fair value evaluation.

Certain equity securities held by the Group are pledged as collateral (Note 21).

Equity securities held by the Group with 20% or more of the voting power of the investee over which it does not have significant influence are classified as financial assets at fair value through profit of loss.

<sup>&</sup>lt;sup>2</sup> The financial assets have been pledged as collateral in relation to its construction performance guarantee, etc.

<sup>&</sup>lt;sup>3</sup> Non-marketable equity security held by a subsidiary. Of these, amounting to ₩ 1,478 million has been pledged as collateral in connection with the construction payment guarantee.

#### 11. Derivative Instruments

Details of derivative instruments as of December 31, 2020 and 2019, are as follows:

| (in millions of       |   | 2020   |       |          |   |        |    |            |   |          |   |         |     |           |      |                 |
|-----------------------|---|--------|-------|----------|---|--------|----|------------|---|----------|---|---------|-----|-----------|------|-----------------|
| Korean won)           |   |        |       |          |   |        |    |            |   |          |   |         | Acc | cumulated |      |                 |
|                       |   | Valu   | ation | <u> </u> |   |        | Ga | in or loss |   |          |   | other o | com | prehensiv | e lo | ss <sup>1</sup> |
|                       | A | ssets  | Lia   | bilities |   | Gain   |    | Loss       |   | Net      |   | Gain    |     | Loss      |      | Net             |
| For sale              | ₩ | _      | ₩     | 15,876   | ₩ | _      | ₩  | 12,165     | ₩ | (12,165) | ₩ | _       | ₩   | _         | ₩    | _               |
| Option <sup>2,3</sup> |   | -      |       | 22,846   |   | 8,355  |    | 24,574     |   | (16,219) |   | -       |     | -         |      | -               |
| Hedging               |   | 19,156 |       | 9,010    |   | 26,937 |    | 35,890     |   | (8,953)  |   | 61,602  |     | 67,114    |      | (5,512)         |
|                       | ₩ | 19,156 | ₩     | 47,732   | ₩ | 35,292 | ₩  | 72,629     | ₩ | (37,337) | ₩ | 61,602  | ₩   | 67,114    | ₩    | (5,512)         |

<sup>&</sup>lt;sup>1</sup> Gain (loss) on valuation of derivatives are presented prior to income tax effects.

<sup>&</sup>lt;sup>3</sup> The conversion right in relation to foreign convertible bond was provided to the bond holder, and the fair value of the conversion right assessed by the external institution was accounted for as derivative liabilities.

| (in millions of  | 2019 |        |     |           |              |        |   |       |   |   |   |       |   |        |   |          |
|--|------|--------|-----|-----------|--------------|--------|---|-------|---|---|---|-------|---|--------|---|----------|
| Korean won)  |      | Valu   |     |           | Gain or loss |        |   |       |   | Accumulated other comprehensive loss <sup>1</sup> |   |       |   |        |   |          |
|  |      | Assets | Lia | abilities |              | Gain   |   | Loss  |   | Net   |   | Gain  |   | Loss   |   | Net      |
| Derivatives that are not designated as hedging instruments |      |        |     |           |              |        |   |       |   |   |   |       |   |        |   |          |
| For sale   | ₩    | -      | ₩   | 5,277     | ₩            | -      | ₩ | 5,277 | ₩ | (5,277)   | ₩ | -     | ₩ | -      | ₩ | -        |
| Option <sup>2</sup>  |      | -      |     | 8,991     |              | 33,173 |   |       |   | 33,173  |   |       |   | -      |   |          |
|  |      | -      |     | 14,268    |              | 33,173 |   | 5,277 |   | 27,896  |   | -     |   | -      |   | -        |
| Derivatives that are designated as hedging instruments     |      |        |     |           |              |        |   |       |   |   |   |       |   |        |   |          |
| Hedging  |      | 6,451  |     | 4,629     |              | 2,274  |   | 2,683 |   | (409)   |   | 5,874 |   | 22,933 |   | (17,059) |
|  |      | 6,451  |     | 4,629     |              | 2,274  |   | 2,683 |   | (409)   |   | 5,874 |   | 22,933 |   | (17,059) |
|  | ₩    | 6,451  | ₩   | 18,897    | ₩            | 35,447 | ₩ | 7,960 | ₩ | 27,487  | ₩ | 5,874 | ₩ | 22,933 | ₩ | (17,059) |

<sup>&</sup>lt;sup>1</sup> Gain (loss) on valuation of derivatives are presented prior to income tax effects.

<sup>&</sup>lt;sup>2</sup> In relation to investments in business recognized as financial assets as fair value through profit or loss, financial investors granted a right to sell the shares to the Group.

<sup>&</sup>lt;sup>2</sup> The conversion right in relation to foreign convertible bond was provided to the bond holder, and the fair value of the conversion right assessed by the external institution was accounted for as derivative liabilities.

## 12. Investments in Associates and Joint Ventures

(1) Changes in investments in associates for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of   | 2020                 |           |                        |                         |                                     |         |        |  |  |  |  |
|---|----------------------|-----------|------------------------|-------------------------|-------------------------------------|---------|--------|--|--|--|--|
| Korean won)   | Equity ownership (%) | Beginning | Increase<br>(decrease) | Share of profit or loss | Share of other comprehensive income | Others  | Ending |  |  |  |  |
| Major Development<br>Co., Ltd.<br>GS KOCREF New                         | 45.00                | ₩ -       | ₩ -                    | ₩ -                     | ₩ -                                 | ₩ -     | ₩ -    |  |  |  |  |
| Stay REIT Co., Ltd.<br>Hakun 7 Industry                                 | 25.24                | -         | -                      | -                       | -                                   | -       | -      |  |  |  |  |
| Complex Co., Ltd <sup>1</sup><br>Beopwon Industry                       | -                    | 15        | -                      | (15)                    | -                                   | -       | -      |  |  |  |  |
| Urban Development<br>Corp.<br>HyangSan 2 Urban                          | 20.00                | -         | -                      | -                       | -                                   | -       | -      |  |  |  |  |
| Development Corp.  Tongjin Industry                                     | 50.00                | 1         | -                      | (1)                     | -                                   | -       | -      |  |  |  |  |
| Complex CO., Ltd <sup>1</sup>   | -                    | 10        | (10)                   | -                       | -                                   | -       | -      |  |  |  |  |
| SoBaek Co., Ltd.  | 29.99                | -         | -                      | -                       | -                                   | -       | -      |  |  |  |  |
| Yeouido MBC Site<br>MXD PFV. Inc. <sup>2</sup><br>Gwancheon             | 10.00                | 631       | -                      | (631)                   | -                                   | -       | -      |  |  |  |  |
| Sangsang PFV <sup>2</sup> FGS East Asia Technical Resource              | 19.00                | 1,799     | -                      | (473)                   | -                                   | -       | 1,326  |  |  |  |  |
| Management, Inc.<br>Cadiz San Fernando,                                 | 25.00                | 30        | -                      | 1                       | -                                   | -       | 31     |  |  |  |  |
| A.I.E.  | 21.95                | 1,581     | -                      | 361                     | -                                   | (283)   | 1,659  |  |  |  |  |
| Participes de<br>Biorreciclaje S.A.<br>Gestion de Participes            | 33.33                | 7,288     | -                      | 653                     | -                                   | 225     | 8,166  |  |  |  |  |
| de Biorreciclaje<br>Cheongju Hi Tech                                    | 33.33                | -         | -                      | -                       | -                                   | -       | -      |  |  |  |  |
| Valley  | 20.00                | 60        | -                      | 148                     | -                                   | -       | 208    |  |  |  |  |
| BKT Co., Ltd.<br>PT. CORE   | 29.00                | 16,675    | -                      | (2,503)                 | -                                   | 1       | 14,173 |  |  |  |  |
| RESOURCE  | 49.00                | 655       | -                      | (649)                   | -                                   | (6)     | -      |  |  |  |  |
| Zero Tech Co., Ltd. <sup>2</sup><br>Cheonan Techno                      | 19.00                | -         | -                      | -                       | -                                   | -       | -      |  |  |  |  |
| Park Inc.<br>Camp Stanton Co.,  | 20.00                | 365       | -                      | (201)                   | -                                   | -       | 164    |  |  |  |  |
| Ltd. <sup>2</sup><br>ORIGIN LATPHRAO                                    | 0.58                 | 2         | -                      | -                       | -                                   | -       | 2      |  |  |  |  |
| CO.,LTD. <sup>3</sup> RENEW SOLAR ENERGY (JHARKHAND THREE) PRIVATE      | 49.00                | -         | 7,102                  | (480)                   | -                                   | (97)    | 6,525  |  |  |  |  |
| LIMITED <sup>3</sup> Jincheon smart bokhap Industrial danji development | 49.00                | -         | 13,413                 | (378)                   | (1,726)                             | (1,023) | 10,286 |  |  |  |  |
| Inc <sup>3</sup>  | 20.00                | -         | 100                    | (100)                   | -                                   | -       | -      |  |  |  |  |

| (in millions of   | 2020                 |           |                        |                         |                                     |           |          |  |  |  |  |  |
|---|----------------------|-----------|------------------------|-------------------------|-------------------------------------|-----------|----------|--|--|--|--|--|
| Korean won)   | Equity ownership (%) | Beginning | Increase<br>(decrease) | Share of profit or loss | Share of other comprehensive income | Others    | Ending   |  |  |  |  |  |
| PARK PILLAR R4<br>CO., LTD. <sup>3</sup><br>GYEONGGIPYEON<br>GTAEK GLOBAL | 49.00                | -         | 10,611                 | (1,023)                 | -                                   | (515)     | 9,073    |  |  |  |  |  |
| CO.,LTD.3   | 30.00                | -         | 1,305                  | (14)                    | -                                   | -         | 1,291    |  |  |  |  |  |
| GS Collective Fund I<br>LLC <sup>2,3</sup><br>CHEMICO<br>ADVANCED         | 6.45                 | -         | 1,201                  | (121)                   | -                                   | (103)     | 977      |  |  |  |  |  |
| MATERIALS<br>CO.,LTD <sup>2,3,4</sup>                                     | 14.54                | _         | _                      | _                       | _                                   | _         | _        |  |  |  |  |  |
| EPOCH PFV Co.,<br>LTD <sup>3</sup>  | 22.91                | -         | 8,223                  | (612)                   | -                                   | -         | 7,611    |  |  |  |  |  |
| Jerotaekmuan<br>Co.,LTD <sup>3</sup>                                      | 30.00                | -         | 2                      | (2)                     | -                                   | -         | -        |  |  |  |  |  |
|   |                      | ₩ 29,112  | ₩ 41,947               | ₩ (6,040)               | ₩ (1,726)                           | ₩ (1,801) | ₩ 61,492 |  |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Disposed of shares for the year ended December 31, 2020.

<sup>&</sup>lt;sup>4</sup> Classified as financial assets at fair value through profit or loss in accordance with Korean IFRS 1109 as it is determined that the profits linked to the ownership interest in the associates through the financial instruments are not substantially accessible by investing in convertible preferred shares issued by investee over which the Group has significant influence (Note 10).

| (in millions of                                | 2019                 |           |                        |     |                           |            |                |  |  |
|--|----------------------|-----------|------------------------|-----|---------------------------|------------|----------------|--|--|
| Korean won)                                    | Equity ownership (%) | Beginning | Increase<br>(decrease) | Sh  | nare of profit<br>or loss | Others     | Ending         |  |  |
| Major Development                              | 45.00                | \A/       | <b>\</b> A./           | 14/ | 1                         | A./        | <b>1 1 1 1</b> |  |  |
| Co., Ltd.<br>GS KOCREF New<br>Stay REIT        | 45.00<br>25.24       | ₩ -       |                        | - ₩ | - \                       | <b>.</b> - | ₩ -            |  |  |
| Sejong Industry<br>Complex Corp. <sup>1</sup>  | 1.01                 | -         |                        | -   | -                         | -          | -              |  |  |
| Hakun 7 Industry<br>Complex Co., Ltd           | 20.00                | 122       |                        | -   | (107)                     | -          | 15             |  |  |
| Beopwon Industry Urban Development             | 20.00                |           |                        |     |                           |            |                |  |  |
| Corp.<br>HyangSan 2 Urban<br>Development Corp. | 50.00                | 4         |                        | -   | (3)                       | -          | 1              |  |  |
| Tongjin Industry Complex CO., Ltd              | 20.00                | 10        |                        | _   | -                         | _          | 10             |  |  |
| SoBaek Co., Ltd.                               | 29.99                | -         |                        | -   | -                         | -          | -<br>-         |  |  |

<sup>&</sup>lt;sup>2</sup> The corporation has categorized as associates due to the Group has significant influence with the seniority right of directors.

<sup>&</sup>lt;sup>3</sup> Newly acquired for the year ended December 31, 2020.

| (in millions of  | 2019                 |           |                        |                         |         |          |  |  |  |  |  |
|--|----------------------|-----------|------------------------|-------------------------|---------|----------|--|--|--|--|--|
| Korean won)  | Equity ownership (%) | Beginning | Increase<br>(decrease) | Share of profit or loss | Others  | Ending   |  |  |  |  |  |
| Yeouido MBC Site<br>MXD PFV. Inc. <sup>2</sup>                   | 10.00                | 6,448     | -                      | (5,817)                 | -       | 631      |  |  |  |  |  |
| Gwancheon<br>Sangsang PFV <sup>2</sup><br>FGS East Asia          | 19.00                | 2,016     | -                      | (217)                   | -       | 1,799    |  |  |  |  |  |
| Technical Resource<br>Management, Inc.                           | 25.00                | 11        | 16                     | 1                       | 2       | 30       |  |  |  |  |  |
| Cadiz San Fernando,<br>A.I.E.<br>Participes de                   | 21.95                | 1,536     | -                      | 340                     | (295)   | 1,581    |  |  |  |  |  |
| Biorreciclaje S.A. Gestion de Participes                         | 33.33                | 6,455     | -                      | 746                     | 87      | 7,288    |  |  |  |  |  |
| de Biorreciclaje<br>Shariket Miyeh Ras                           | 33.33                | -         | -                      | -                       | -       | -        |  |  |  |  |  |
| Djinet, Spa <sup>3</sup><br>Shariket Tahlya<br>Miyah Mostaganem, | 25.49                | 10,792    | (10,792)               | -                       | -       | -        |  |  |  |  |  |
| Spa <sup>4</sup>   | 25.50                | 31,076    | (35,271)               | 4,195                   | -       | -        |  |  |  |  |  |
| Cheongju Hi Tech<br>Valley <sup>5</sup>                          | 20.00                | -         | 160                    | (100)                   | -       | 60       |  |  |  |  |  |
| BKT Co., Ltd. <sup>5</sup><br>PT. CORE                           | 29.00                | -         | 18,000                 | (1,325)                 | -       | 16,675   |  |  |  |  |  |
| RESOURCE <sup>5</sup>  | 49.00                | -         | 1,124                  | (502)                   | 33      | 655      |  |  |  |  |  |
| Zero Tech Co., Ltd. <sup>2,5</sup><br>Cheonan Techno             | 19.00                | -         | 1                      | (1)                     | -       | -        |  |  |  |  |  |
| Park Inc. <sup>5</sup>   | 20.00                | -         | 600                    | (235)                   | -       | 365      |  |  |  |  |  |
| Camp Stanton Co.,<br>Ltd. <sup>5</sup>                           | 29.00                |           | 2                      |                         |         | 2        |  |  |  |  |  |
|  |                      | ₩ 58,470  | ₩ (26,160)             | ₩ (3,025)               | ₩ (173) | ₩ 29,112 |  |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Due to the change in the equity ratio during the current period, the shares of Sejong Industrial Complex Co., Ltd. have been reclassified from investments in associates to financial assets at fair value through profit or loss.

<sup>&</sup>lt;sup>2</sup> The corporation has categorized as associates due to the Group has significant influence with the seniority right of directors.

<sup>&</sup>lt;sup>3</sup> Newly included in consolidation by the shareholder's agreement for the year ended December 31, 2019.

<sup>&</sup>lt;sup>4</sup> Due to the loss of significant influence by the shareholder's agreement, shares of Shariket Tahlya Miyah Mostaganem, Spa were reclassified as financial assets at fair-value through profit or loss from investments in associates.

<sup>&</sup>lt;sup>5</sup> Newly acquired for the year ended December 31, 2019.

(2) Changes in investments in joint ventures for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of                                      | 2020                 |        |           |       |          |   |                          |     |             |   |             |  |
|--|----------------------|--------|-----------|-------|----------|---|--------------------------|-----|-------------|---|-------------|--|
| Korean won)  | Equity ownership (%) | Beginn | Beginning |       |          |   | are of profit<br>or loss | Oth | Others      |   | Ending      |  |
| G&M Estate Co.,<br>Ltd.<br>GS Korea for<br>Project   | 50.00                | ₩      | 489       | ₩     | -        | ₩ | 13                       | ₩   | -           | ₩ | 502         |  |
| Management<br>Company<br>Hialeah Water, LLP          | 49.00<br>50.00       |        | 21<br>446 |       | -        |   | (2)                      |     | (1)<br>(23) |   | 18<br>423   |  |
| PT. Daria Mulia<br>Properti                          | 50.00                | 2      | 2,327     |       | -        |   | 144                      |     | (1,538)     |   | 20,933      |  |
| Lignana LLC <sup>1</sup><br>Lignana LLP <sup>1</sup> | 50.00<br>95.00       |        | -         | 17    | 2<br>761 |   | (3)<br>(248)             |     | 1<br>9      |   | -<br>17,522 |  |
| GS MINH HUNG<br>SIKICO CO.,LTD. <sup>1</sup>         | 34.06                |        | <u>-</u>  |       | 819      |   | (5)                      |     | (17)        |   | 797         |  |
|  |                      | ₩ 2    | 3,283     | ₩ 18, | 582      | ₩ | (101)                    | ₩   | (1,569)     | ₩ | 40,195      |  |

<sup>&</sup>lt;sup>1</sup> Newly acquired for the year ended December 31, 2020.

| (in millions of    | 2019                           |   |                                  |   |       |              |      |   |        |   |        |
|--------------------|--------------------------------|---|----------------------------------|---|-------|--------------|------|---|--------|---|--------|
| Korean won)        | Equity ownership (%) Beginning |   | Share of profit Increase or loss |   |       | Others Endin |      |   | Ending |   |        |
| G&M Estate Co.,    |                                |   |                                  |   |       |              |      |   |        |   |        |
| Ltd.               | 50.00                          | ₩ | 508                              | ₩ | -     | ₩            | (19) | ₩ | -      | ₩ | 489    |
| GS Korea for       |                                |   |                                  |   |       |              |      |   |        |   |        |
| Project            |                                |   |                                  |   |       |              |      |   |        |   |        |
| Management         |                                |   |                                  |   |       |              |      |   |        |   |        |
| Company            | 49.00                          |   | 20                               |   | -     |              | -    |   | 1      |   | 21     |
| Hialeah Water, LLP | 50.00                          |   | 454                              |   | -     |              | (22) |   | 14     |   | 446    |
| PT. Daria Mulia    |                                |   |                                  |   |       |              |      |   |        |   |        |
| Properti           | 50.00                          |   | 14,038                           |   | 6,974 |              | 162  |   | 1,153  |   | 22,327 |
|                    |                                | ₩ | 15,020                           | ₩ | 6,974 | ₩            | 121  | ₩ | 1,168  | ₩ | 23,283 |

(3) As of December 31, 2020, the following entities with more than 20% of voting rights of the Group were judged to have no significant influence because the Group's ability to participate in business policies and decision making and the scope of discretion is considerably limited by the Private Investment Act and concession agreements.

## Percentage of ownership (%)

| Uijeongbu LRT Inc.                    | 47.54 |
|---------------------------------------|-------|
| Seoul-Munsan Highway Co., Ltd.        | 36.40 |
| Oksan Ochang Highway Corporation      | 60.00 |
| Eun Pyung New Road Corp.              | 55.06 |
| Green Energy Development Co., Ltd.    | 27.00 |
| Pusan New Road Co., Ltd.              | 32.13 |
| Gangnam Metro Co.,Ltd.                | 39.00 |
| Shariket Tahlya Miyah Mostaganem, Spa | 25.50 |

(4) Equity method of accounting has been suspended due to accumulated losses, and unrecognized losses in equity for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)   |   | 2020      |   |          |   |         |  |  |  |
|---|---|-----------|---|----------|---|---------|--|--|--|
|   | ı | Beginning |   | Increase |   | Ending  |  |  |  |
| Major Development Co., Ltd.   | ₩ | 7,713     | ₩ | 828      | ₩ | 8,541   |  |  |  |
| GS KOCREF New Stay REIT Co., Ltd.   |   | 21,582    |   | 11,680   |   | 33,262  |  |  |  |
| Beopwon Industry Urban<br>Development Corp.                                       |   | 983       |   | 285      |   | 1,268   |  |  |  |
| HyangSan 2 Urban Development Corp.  |   | -         |   | 1        |   | 1       |  |  |  |
| SoBaek Co., Ltd.  |   | 5,446     |   | 3,663    |   | 9,109   |  |  |  |
| Yeouido MBC Site MXD PFV. Inc.  |   | -         |   | 2,982    |   | 2,982   |  |  |  |
| Gestion de Participes de<br>Biorreciclaje   |   | 11        |   | -        |   | 11      |  |  |  |
| Zero Tech Co., Ltd  |   | 48        |   | 19       |   | 67      |  |  |  |
| PT. CORE RESOURCE   |   | -         |   | 140      |   | 140     |  |  |  |
| Lignana LLP   |   | -         |   | 9        |   | 9       |  |  |  |
| Jincheon smart bokhap Industrial<br>danji development Inc<br>Jerotaekmuan Co.,LTD |   | -         |   | 34       |   | 34<br>3 |  |  |  |
| - ,   | ₩ | 35,783    | ₩ | 19,644   | ₩ | 55,427  |  |  |  |

| (in millions of Korean won)       | 2019 |          |   |                    |   |        |  |  |  |  |  |
|-----------------------------------|------|----------|---|--------------------|---|--------|--|--|--|--|--|
|                                   | В    | eginning |   | crease<br>ecrease) |   | Ending |  |  |  |  |  |
| Major Development Co., Ltd.       | ₩    | 9,074    | ₩ | (1,361)            | ₩ | 7,713  |  |  |  |  |  |
| GS KOCREF New Stay REIT Co., Ltd. |      | 11,320   |   | 10,262             |   | 21,582 |  |  |  |  |  |
| Beopwon Industry Urban            |      |          |   |                    |   |        |  |  |  |  |  |
| Development Corp.                 |      | 660      |   | 323                |   | 983    |  |  |  |  |  |
| SoBaek Co., Ltd.                  |      | 1,112    |   | 4,334              |   | 5,446  |  |  |  |  |  |
| Gestion de Participes de          |      |          |   |                    |   |        |  |  |  |  |  |
| Biorreciclaje                     |      | 11       |   | -                  |   | 11     |  |  |  |  |  |
| Zero Tech Co., Ltd                |      | _        |   | 48                 |   | 48     |  |  |  |  |  |
|                                   | ₩    | 22,177   | ₩ | 13,606             | ₩ | 35,783 |  |  |  |  |  |

(4) A summary of financial information on associates and joint ventures is as follows:

| (in millions of                    |          |             |             |         |                            |
|------------------------------------|----------|-------------|-------------|---------|----------------------------|
| Korean won)                        | Asset    | Liabilities | Net assets  | Sales   | Profit (loss) for the year |
|                                    | Accor    | Liabilitioo | 1101 400010 | Guido   | ano your                   |
| Associates                         |          |             |             |         |                            |
| Major Development                  |          |             |             |         |                            |
| Co., Ltd.                          | ₩ 11,110 | ₩ 34,105    | ₩ (22,995)  | ₩ -     | ₩ (1,351)                  |
| GS KOCREF New                      |          |             |             |         |                            |
| Stay REIT Co., Ltd.                | 360,444  | 321,245     | 39,199      | 1,111   | (10,169)                   |
| Beopwon Industry Urban Development |          |             |             |         |                            |
| Corp.                              | 84,465   | 90,893      | (6,428)     | -       | (1,425)                    |
| HyangSan 2 Urban                   |          |             |             |         |                            |
| Development Corp.                  | 393      | 396         | (3)         | -       | (2)                        |
| SoBaek Co., Ltd.                   | 231,764  | 262,129     | (30,365)    | -       | (12,206)                   |
| Yeouido MBC Site                   |          |             |             |         |                            |
| MXD PFV. Inc.                      | 653,258  | 650,982     | 2,276       | 57,506  | (22,815)                   |
| Gwancheon Sangsang                 |          |             |             |         |                            |
| PFV                                | 69,579   | 66,283      | 3,296       | -       | (2,491)                    |
| FGS East Asia                      |          |             |             |         |                            |
| Technical Resource                 |          |             |             |         |                            |
| Management, Inc.                   | 1,128    | 1,003       | 125         | 300     | 2                          |
| Cadiz San Fernando,                |          |             |             |         |                            |
| A.I.E.                             | 11,744   | 4,186       | 7,558       | 6,055   | 1,651                      |
| Participes de                      |          |             |             |         |                            |
| Biorreciclaje S.A.                 | 98,776   | 71,054      | 27,722      | 24,993  | 1,999                      |
| Gestion de Participes              | •        | 070         | (000)       |         |                            |
| de Biorreciclaje                   | 93       | 373         | (280)       | -       | -                          |
| Cheongju Hi Tech                   | 4 500    | 4.000       | 500         |         | (040)                      |
| Valley                             | 1,528    | 1,028       | 500         | -       | (216)                      |
| BKT Co., Ltd.                      | 34,961   | 17,659      | 17,302      | 21,350  | (5,708)                    |
| PT. CORE                           |          |             | <b>/</b>    | 4 2 - 2 | (655)                      |
| RESOURCE                           | 5,095    | 5,855       | (760)       | 1,953   | (993)                      |
| Zero Tech Co., Ltd.                | 1,292    | 1,644       | (352)       | -       | (101)                      |
|                                    |          |             |             |         |                            |

| (in millions of                           | 2020    |             |            |       |                   |  |  |  |  |  |  |  |  |
|---|---------|-------------|------------|-------|-------------------|--|--|--|--|--|--|--|--|
| Korean won)                               |         |             |            |       | Profit (loss) for |  |  |  |  |  |  |  |  |
|   | Asset   | Liabilities | Net assets | Sales | the year          |  |  |  |  |  |  |  |  |
| Cheonan Techno Park                       |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| Inc.                                      | 1,023   | 645         | 378        | -     | (1,008)           |  |  |  |  |  |  |  |  |
| Camp Stanton Co.,                         | 4.47    |             |            |       | (50)              |  |  |  |  |  |  |  |  |
| Ltd.                                      | 447     | -           | 447        | -     | (53)              |  |  |  |  |  |  |  |  |
| ORIGIN LATPHRAO<br>CO.,LTD.               | 21,075  | 13,455      | 7,620      | _     | (2,036)           |  |  |  |  |  |  |  |  |
| RENEW SOLAR                               | 21,075  | 13,433      | 7,020      | _     | (2,030)           |  |  |  |  |  |  |  |  |
| ENERGY                                    |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| (JHARKHAND                                |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| THREE) PRIVATE                            |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| LIMITED                                   | 20,956  | 3,875       | 17,081     | 435   | (772)             |  |  |  |  |  |  |  |  |
| Jincheon smart bokhap<br>Industrial danji |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| development Inc                           | 35      | 210         | (175)      | _     | (675)             |  |  |  |  |  |  |  |  |
| PARK PILLAR R4 CO.,                       |         |             | ()         |       | (0.0)             |  |  |  |  |  |  |  |  |
| LTD.                                      | 26,553  | 17,935      | 8,618      | 20    | (3,398)           |  |  |  |  |  |  |  |  |
| GYEONGGIPYEONGT                           |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| AEK GLOBAL                                |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| CO.,LTD                                   | 4,275   | -           | 4,275      | -     | (48)              |  |  |  |  |  |  |  |  |
| GS Collective Fund I<br>LLC               | 15,152  | 18          | 15,134     |       | (1 076)           |  |  |  |  |  |  |  |  |
| CHEMICO                                   | 13, 132 | 10          | 15, 154    | -     | (1,876)           |  |  |  |  |  |  |  |  |
| ADVANCED                                  |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| MATERIALS CO.,LTD                         | 2,918   | 13          | 2,905      | -     | (201)             |  |  |  |  |  |  |  |  |
| EPOCH PFV Co., LTD                        | 62,000  | 30,729      | 31,271     | -     | (2,657)           |  |  |  |  |  |  |  |  |
| Jerotaekmuan Co.,LTD                      | 1,464   | 1,473       | (9)        | -     | (13)              |  |  |  |  |  |  |  |  |
| Joint ventures                            |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| G&M Estate Co., Ltd.                      | 1,103   | 100         | 1,003      | 1,003 | 25                |  |  |  |  |  |  |  |  |
| GS Korea for Project                      |         |             |            |       |                   |  |  |  |  |  |  |  |  |
| Management                                | 400     | 0.4         | 22         | 400   | (0)               |  |  |  |  |  |  |  |  |
| Company                                   | 100     | 64          | 36         | 102   | (3)               |  |  |  |  |  |  |  |  |
| Hialeah Water, LLP                        | 1,258   | 257         | 1,001      | -     | -                 |  |  |  |  |  |  |  |  |
| PT. Daria Mulia<br>Properti               | 29,364  | 5           | 29,359     | _     | 287               |  |  |  |  |  |  |  |  |
| Lignana LLC                               | 5       | 26          | (21)       | _     | (23)              |  |  |  |  |  |  |  |  |
| Lignana LLP                               | 18,542  | 98          | 18,444     | -     | (260)             |  |  |  |  |  |  |  |  |
| GS MINH HUNG                              | 10,012  |             | 10, 111    |       | (200)             |  |  |  |  |  |  |  |  |
| SIKICO CO.,LTD.                           | 2,353   | 12          | 2,341      | -     | (14)              |  |  |  |  |  |  |  |  |
|   |         |             |            |       |                   |  |  |  |  |  |  |  |  |

| (in millions of                           | 2019 |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
|---|------|---------|---|-------------|---|------------|---|------------------|---|-------------------------|--|--|--|--|
| Korean won)                               |      | Asset   |   | Liabilities |   | Net assets |   | Sales            |   | t (loss) for<br>ne year |  |  |  |  |
|   |      | ASSEL   |   | Liabilities |   | Net assets |   | Jales            | u | ie yeai                 |  |  |  |  |
| Associates                                |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| Major Development                         |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| Co., Ltd.                                 | ₩    | 22,566  | ₩ | 43,723      | ₩ | (21,157)   | ₩ | -                | ₩ | 111                     |  |  |  |  |
| GS KOCREF New Stay REIT Co., Ltd.         |      | 322,402 |   | 273,016     |   | 49,386     |   | 1,241            |   | (10,328)                |  |  |  |  |
| Hakun 7 Industry                          |      | 322,402 |   | 273,010     |   | 49,360     |   | 1,241            |   | (10,320)                |  |  |  |  |
| Complex Co.,Ltd                           |      | 2,503   |   | 2,422       |   | 81         |   | _                |   | (547)                   |  |  |  |  |
| Beopwon Industry                          |      | _,000   |   | _,          |   | •          |   |                  |   | (0)                     |  |  |  |  |
| Urban Development                         |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| Corp.                                     |      | 64,167  |   | 69,170      |   | (5,003)    |   | -                |   | (1,616)                 |  |  |  |  |
| HyangSan 2 Urban                          |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| Development Corp.                         |      | 393     |   | 393         |   | -          |   | -                |   | (7)                     |  |  |  |  |
| Tongjin Industry                          |      | 50      |   |             |   | 40         |   |                  |   |                         |  |  |  |  |
| Complex CO., Ltd                          |      | 50      |   | 1           |   | 49         |   | -                |   | -                       |  |  |  |  |
| SoBaek Co., Ltd.                          |      | 202,994 |   | 221,154     |   | (18,160)   |   | -                |   | (11,731)                |  |  |  |  |
| Yeouido MBC Site MXD PFV. Inc.            |      | 637,679 |   | 599,268     |   | 38,411     |   | 17,757           |   | (26,073)                |  |  |  |  |
| Gwancheon Sangsang                        |      | 037,079 |   | 399,200     |   | 30,411     |   | 17,737           |   | (20,073)                |  |  |  |  |
| PFV                                       |      | 6,269   |   | 482         |   | 5,787      |   | _                |   | (1,151)                 |  |  |  |  |
| FGS East Asia                             |      | 2,_22   |   |             |   | 2,121      |   |                  |   | (1,101)                 |  |  |  |  |
| Technical Resource                        |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| Management, Inc.                          |      | 1,014   |   | 892         |   | 122        |   | 375              |   | (16)                    |  |  |  |  |
| Cadiz San Fernando,                       |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| A.I.E.                                    |      | 10,758  |   | 3,556       |   | 7,202      |   | 5,783            |   | 1,552                   |  |  |  |  |
| Participes de                             |      | 00.505  |   | 74.004      |   | 00.004     |   | 04.000           |   | 0.000                   |  |  |  |  |
| Biorreciclaje S.A.                        |      | 96,535  |   | 74,301      |   | 22,234     |   | 24,223           |   | 2,283                   |  |  |  |  |
| Gestion de Participes<br>de Biorreciclaje |      | 90      |   | 361         |   | (271)      |   | _                |   | _                       |  |  |  |  |
| Cheongju Hi Tech                          |      | 30      |   | 301         |   | (211)      |   | _                |   | _                       |  |  |  |  |
| Valley                                    |      | 14      |   | 257         |   | (243)      |   | _                |   | (1,043)                 |  |  |  |  |
| BKT Co., Ltd.                             |      | 39,666  |   | 14,855      |   | 24,811     |   | 23,811           |   | (5,028)                 |  |  |  |  |
| PT. CORE                                  |      | ,       |   | ,           |   | ,-         |   | .,-              |   | (-,,                    |  |  |  |  |
| RESOURCE                                  |      | 6,840   |   | 5,754       |   | 1,086      |   | 9,634            |   | (995)                   |  |  |  |  |
| Zero Tech Co., Ltd.                       |      | 1,299   |   | 1,550       |   | (251)      |   | -                |   | (256)                   |  |  |  |  |
| Cheonan Techno Park                       |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| Inc.                                      |      | 1,441   |   | 57          |   | 1,384      |   | -                |   | (1,572)                 |  |  |  |  |
| Camp Stanton Co.,                         |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| Ltd.                                      |      | 10      |   | -           |   | 10         |   | -                |   | -                       |  |  |  |  |
| Joint ventures                            |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| G&M Estate Co., Ltd.                      |      | 1,088   |   | 111         |   | 977        |   | 815              |   | (39)                    |  |  |  |  |
| GS Korea for Project                      |      |         |   |             |   |            |   |                  |   |                         |  |  |  |  |
| Management<br>Company                     |      | 111     |   | 70          |   | 41         |   | 349              |   | (1)                     |  |  |  |  |
| Hialeah Water, LLP                        |      | 1,220   |   | 326         |   | 894        |   | J <del>4</del> 8 |   | (1)<br>(43)             |  |  |  |  |
| PT. Daria Mulia                           |      | 1,220   |   | 320         |   | 094        |   | -                |   | (43)                    |  |  |  |  |
| Properti                                  |      | 31,243  |   | 16          |   | 31,227     |   | _                |   | 324                     |  |  |  |  |
|   |      | 31,210  |   | .0          |   | J.,        |   |                  |   | V= 1                    |  |  |  |  |

### 13. Property, Plant and Equipment

(1) Details of property, plant and equipment as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) | 2020 |                    |   |                         |   |                   | 2019 |                    |   |                         |   |                   |  |  |
|-----------------------------|------|--------------------|---|-------------------------|---|-------------------|------|--------------------|---|-------------------------|---|-------------------|--|--|
|                             | A    | cquisition<br>cost |   | cumulated<br>preciation | ı | Net book<br>value | A    | cquisition<br>cost |   | cumulated<br>preciation | ı | Net book<br>value |  |  |
| Land                        | ₩    | 764,292            | ₩ | -                       | ₩ | 764,292           | ₩    | 533,615            | ₩ | -                       | ₩ | 533,615           |  |  |
| Buildings                   |      | 598,868            |   | (155,917)               |   | 442,951           |      | 638,515            |   | (163,751)               |   | 474,764           |  |  |
| Structures                  |      | 146,910            |   | (51,002)                |   | 95,908            |      | 113,333            |   | (46,238)                |   | 67,095            |  |  |
| Machinery                   |      | 70,413             |   | (45,001)                |   | 25,412            |      | 52,308             |   | (37,543)                |   | 14,765            |  |  |
| Construction equipment      |      | 42,233             |   | (28,302)                |   | 13,931            |      | 45,894             |   | (28,767)                |   | 17,127            |  |  |
| Vehicles                    |      | 26,658             |   | (20,735)                |   | 5,923             |      | 24,394             |   | (19,592)                |   | 4,802             |  |  |
| Tools                       |      | 32,318             |   | (19,124)                |   | 13,194            |      | 27,682             |   | (18,481)                |   | 9,201             |  |  |
| Equipment                   |      | 131,180            |   | (114,032)               |   | 17,148            |      | 133,109            |   | (113,419)               |   | 19,690            |  |  |
| Construction-in-progress    |      | 48,015             |   |                         |   | 48,015            |      | 34,973             | _ |                         |   | 34,973            |  |  |
|                             | ₩    | 1,860,887          | ₩ | (434,113)               | ₩ | 1,426,774         | ₩    | 1,603,823          | ₩ | (427,791)               | ₩ | 1,176,032         |  |  |

(2) Changes in property, plant and equipment for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of                     |   |                  |     |                 |   |          |    | 20         | 20 |                |   |                     |   |                         |   |                  |
|-------------------------------------|---|------------------|-----|-----------------|---|----------|----|------------|----|----------------|---|---------------------|---|-------------------------|---|------------------|
| Korean won)                         | В | eginning         | Acc | quisition       | [ | Disposal | De | preciation | Ti | ransfer        |   | kchange<br>ferences |   | nange in<br>Isolidation |   | Ending           |
| Land                                | ₩ | 533,615          | ₩   | 31,111          | ₩ | (399)    | ₩  | -          | ₩  | -              | ₩ | (12,478)            | ₩ | 212,443                 | ₩ | 764,292          |
| Buildings                           |   | 474,764          |     | 2,282           |   | (25,372) |    | (16,638)   |    | 12,906         |   | (35,679)            |   | 30,688                  |   | 442,951          |
| Structures                          |   | 67,095           |     | 1,240           |   | (199)    |    | (3,882)    |    | 29,162         |   | (116)               |   | 2,608                   |   | 95,908           |
| Machinery<br>Construction           |   | 14,765           |     | 3,409           |   | (1,055)  |    | (5,414)    |    | 8,542          |   | (2,874)             |   | 8,039                   |   | 25,412           |
| equipment                           |   | 17,127           |     | 4,152           |   | (2,300)  |    | (4,172)    |    | -              |   | (876)               |   | -                       |   | 13,931           |
| Vehicles                            |   | 4,802            |     | 1,603           |   | (410)    |    | (1,854)    |    | 562            |   | (126)               |   | 1,346                   |   | 5,923            |
| Tools                               |   | 9,201            |     | 4,141           |   | (746)    |    | (3,729)    |    | 4,716          |   | (1,333)             |   | 944                     |   | 13,194           |
| Equipment Construction- in-progress |   | 19,690<br>34,973 |     | 4,440<br>74,884 |   | (1,063)  |    | (6,341)    |    | 46<br>(55,890) |   | (139)<br>(6,538)    |   | 515<br>586              |   | 17,148<br>48,015 |
| iii-progress                        | ₩ | 1,176,032        | ₩   | 127,262         | ₩ | (31,544) | ₩  | (42,030)   | ₩  | 44             | ₩ | (60,159)            | ₩ | 257,169                 | ₩ | 1,426,774        |

| (in millions of           |   |          |                 |     |                      | 2            | 019 |              |   |                       |   |                         |   |                  |
|---------------------------|---|----------|-----------------|-----|----------------------|--------------|-----|--------------|---|-----------------------|---|-------------------------|---|------------------|
| Korean won)               |   | eginning | Acquisition     |     | Disposal             | Depreciation | Ti  | ransfer¹     |   | exchange<br>fferences |   | nange in<br>nsolidation |   | Ending           |
| Land                      | ₩ | 456,855  | ₩ 62,792        | 2 ₩ | <i>+</i> -           | ₩ -          | ₩   | 14,017       | ₩ | (92)                  | ₩ | 43                      | ₩ | 533,615          |
| Buildings                 |   | 247,949  | 27,682          | 2   | (100)                | (13,056)     |     | 32,471       |   | (343)                 |   | 180,161                 |   | 474,764          |
| Structures                |   | 69,319   | 524             | ļ   | -                    | (2,760)      |     | -            |   | 12                    |   | -                       |   | 67,095           |
| Machinery<br>Construction |   | 7,376    | 4,184           | 1   | (275)                | (2,794)      |     | -            |   | 94                    |   | 6,180                   |   | 14,765           |
| equipment                 |   | 24,235   | 1,010           | )   | (4,508)              | (5,729)      |     | -            |   | 367                   |   | 1,752                   |   | 17,127           |
| Vehicles                  |   | 5,410    | 1,272           | 2   | (299)                | (1,636)      |     | -            |   | 55                    |   | -                       |   | 4,802            |
| Tools                     |   | 5,860    | 4,705           | 5   | (494)                | (2,492)      |     | -            |   | 76                    |   | 1,546                   |   | 9,201            |
| Equipment Construction-   |   | 20,704   | 5,832<br>33,099 |     | (343)                | (6,708)      |     | (3,478)      |   | 183<br>117            |   | 22<br>1,895             |   | 19,690<br>34,973 |
| in-progress               | ₩ | 841,048  | ₩ 141,100       |     | <del>-</del> (6,019) | ₩ (35,175)   | ₩   | <del>`</del> | ₩ | 469                   | ₩ | 191,599                 | ₩ | 1,176,032        |

<sup>&</sup>lt;sup>1</sup> Land and building are transferred from investment property, and construction in progress is transferred to cost of sales.

(3) Details of allocation of depreciation for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                                  | 2 | 2020   |   | 2019   |
|--|---|--------|---|--------|
| Cost of sales Selling and administrative expenses (including | ₩ | 32,804 | ₩ | 28,087 |
| technology development costs)                                |   | 9,225  |   | 7,087  |
| Construction-in-progress                                     |   | 1      |   | 1      |
|  | ₩ | 42,030 | ₩ | 35,175 |

<sup>(4)</sup> There are no payables related to acquisition of property, plant and equipment at the end of the reporting period.

(5) Collateral pledged to financial institutions for borrowings as of December 31, 2020, is as follows:

| (in millions of<br>Korean won) | , , , , , , , , , , , , , , , , , , , |         |     | Secured<br>amount | Related account |    | elated<br>mount | Secured party          |  |  |
|--------------------------------|---------------------------------------|---------|-----|-------------------|-----------------|----|-----------------|------------------------|--|--|
| Lang                           | ₩                                     | 102,185 | ₩   | 142.136           | Borrowings      | ₩  | 12 136          | Banco<br>Santander and |  |  |
| Buildings                      |                                       | 114,438 | ••• | 142,100           | Donowings       | ** | 12,100          | others                 |  |  |

### 14. Intangible Assets

(1) Intangible assets as of December 31, 2020 and 2019, consist of:

| (in millions of   |    |           |                                       | 20         | 20  |                         |   |         | 2019 |         |          |            |     |         |   |         |  |
|-------------------|----|-----------|---------------------------------------|------------|-----|-------------------------|---|---------|------|---------|----------|------------|-----|---------|---|---------|--|
| Korean won)       | Ac | quisition | tion Accumulated Accumulated Net book |            |     | Acquisition Accumulated |   |         |      |         | umulated | Net book   |     |         |   |         |  |
|                   |    | cost      | am                                    | ortization | imp | pairment                |   | value   |      | cost    | am       | ortization | imp | airment |   | value   |  |
|                   |    |           |                                       |            |     |                         |   |         |      |         |          |            |     |         |   |         |  |
| Goodwill          | ₩  | 346,789   | ₩                                     | -          | ₩   | -                       | ₩ | 346,789 | ₩    | 108,302 | ₩        | -          | ₩   | -       | ₩ | 108,302 |  |
| Memberships       |    | 48,913    |                                       | -          |     | (2,931)                 |   | 45,982  |      | 43,416  |          | -          |     | (2,931) |   | 40,485  |  |
| Computer software |    | 18,496    |                                       | (10,396)   |     | -                       |   | 8,100   |      | 14,447  |          | (6,128)    |     | -       |   | 8,319   |  |
| Concession assets |    | 289,687   |                                       | (52,794)   |     | -                       |   | 236,893 |      | 442,058 |          | (120,913)  |     | -       |   | 321,145 |  |
| Technical rights  |    | 38,839    |                                       | (33,660)   |     | -                       |   | 5,179   |      | 37,654  |          | (28,868)   |     | -       |   | 8,786   |  |
| Trademark         |    | 78,816    |                                       | -          |     | -                       |   | 78,816  |      | -       |          | -          |     | -       |   | -       |  |
| Others            |    | 28,199    |                                       | (5,653)    |     | _                       |   | 22,546  |      | 5,472   |          | (2,515)    |     |         |   | 2,957   |  |
|                   | ₩  | 849,739   | ₩                                     | (102,503)  | ₩   | (2,931)                 | ₩ | 744,305 | ₩    | 651,349 | ₩        | (158,424)  | ₩   | (2,931) | ₩ | 489,994 |  |

(2) Changes in intangible assets for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of              |           |         |    |           |   | 2020     |    |             |          |        |  |
|------------------------------|-----------|---------|----|-----------|---|----------|----|-------------|----------|--------|--|
| Korean won)                  | Beginning |         | Ac | quisition |   | Disposal | An | nortization | Transfer |        |  |
| Goodwill                     | ₩         | 108,302 | ₩  | -         | ₩ | -        | ₩  | -           | ₩        | _      |  |
| Memberships                  |           | 40,485  |    | 374       |   | (35)     |    | -           |          | 5,200  |  |
| Computer software Concession |           | 8,319   |    | 1,821     |   | (39)     |    | (2,573)     |          | 43     |  |
| assets                       |           | 321,145 |    | 10,210    |   | (15,586) |    | (19,645)    |          | -      |  |
| Technical rights             |           | 8,786   |    | -         |   | -        |    | (3,906)     |          | -      |  |
| Trademark                    |           | -       |    | -         |   | -        |    | -           |          | -      |  |
| Others                       |           | 2,957   |    | 1,751     |   | (28)     |    | (12,071)    |          | 5,546  |  |
|                              | ₩         | 489,994 | ₩  | 14,156    | ₩ | (15,688) | ₩  | (38,195)    | ₩        | 10,789 |  |

| (in millions of   | 2020 |                       |   |                   |   |         |        |         |  |  |  |  |  |
|-------------------|------|-----------------------|---|-------------------|---|---------|--------|---------|--|--|--|--|--|
| Korean won)       |      | ange in<br>solidation |   | change<br>erences |   | Others  | Ending |         |  |  |  |  |  |
| Goodwill          | ₩    | 251,298               | ₩ | (9,028)           | ₩ | (3,783) | ₩      | 346,789 |  |  |  |  |  |
| Memberships       |      | -                     |   | (42)              |   | -       |        | 45,982  |  |  |  |  |  |
| Computer software |      | 908                   |   | (379)             |   | -       |        | 8,100   |  |  |  |  |  |
| Concession assets |      | 4,831                 |   | (64,062)          |   | -       |        | 236,893 |  |  |  |  |  |
| Technical rights  |      | -                     |   | 299               |   | -       |        | 5,179   |  |  |  |  |  |
| Trademark         |      | 78,816                |   | -                 |   | -       |        | 78,816  |  |  |  |  |  |
| Others            |      | 25,207                |   | (816)             |   |         |        | 22,546  |  |  |  |  |  |
|                   | ₩    | 361,060               | ₩ | (74,028)          | ₩ | (3,783) | ₩      | 744,305 |  |  |  |  |  |

| (in millions of        | 2019      |         |             |        |          |       |              |          |                         |         |                      |      |   |         |
|------------------------|-----------|---------|-------------|--------|----------|-------|--------------|----------|-------------------------|---------|----------------------|------|---|---------|
| Korean won)            | Beginning |         | Acquisition |        | Disposal |       | Amortization |          | Change in consolidation |         | Exchange differences |      | ı | Ending  |
| Goodwill               | ₩         | 56,286  | ₩           | _      | ₩        | -     | ₩            | -        | ₩                       | 51,652  | ₩                    | 364  | ₩ | 108,302 |
| Memberships            |           | 40,573  |             | 50     |          | (164) |              | -        |                         | -       |                      | 26   |   | 40,485  |
| Computer               |           | 4.505   |             | 0.000  |          | (000) |              | (4.040)  |                         | 007     |                      | (0)  |   | 0.040   |
| software<br>Concession |           | 4,505   |             | 6,202  |          | (806) |              | (1,816)  |                         | 237     |                      | (3)  |   | 8,319   |
| assets                 |           | 100,182 |             | 10,016 |          | _     |              | (10,056) |                         | 221,044 |                      | (41) |   | 321,145 |
| Technical rights       |           | 12,375  |             | -      |          | -     |              | (3,787)  |                         | -       |                      | 198  |   | 8,786   |
| Others                 |           | 1,743   |             | 1,227  |          |       |              | (375)    |                         | 365     |                      | (3)  |   | 2,957   |
|                        | ₩         | 215,664 | ₩           | 17,495 | ₩        | (970) | ₩            | (16,034) | ₩                       | 273,298 | ₩                    | 541  | ₩ | 489,994 |

(3) Details of allocation of amortization for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                                  | : | 2020   |   | 2019   |
|--|---|--------|---|--------|
| Cost of sales Selling and administrative expenses (including | ₩ | 21,219 | ₩ | 10,819 |
| technology development costs)                                |   | 16,976 |   | 5,215  |
|  | ₩ | 38,195 | ₩ | 16,034 |

#### (4) Impairment tests for goodwill

Goodwill is monitored by the management at the operating segment level (CGU or group of CGU). The following is a summary of goodwill allocation for each operating segment:

| (in millions of            | 2020  |         |   |          |      |          |        |         |  |  |  |  |
|----------------------------|-------|---------|---|----------|------|----------|--------|---------|--|--|--|--|
| Korean won)                | Other |         |   |          |      |          |        |         |  |  |  |  |
|                            | Be    | ginning |   | Increase | adju | stments  | Ending |         |  |  |  |  |
| Architectural construction | ₩     | 1,132   | ₩ | -        | ₩    | -        | ₩      | 1,132   |  |  |  |  |
| New business               |       | 107,038 |   | 251,298  |      | (12,811) |        | 345,525 |  |  |  |  |
| Plant construction         |       | 5       |   | -        |      | -        |        | 5       |  |  |  |  |
| Infra works                |       | 71      |   | -        |      | -        |        | 71      |  |  |  |  |
| Others                     |       | 56      |   | -        |      | -        |        | 56      |  |  |  |  |
|                            | ₩     | 108,302 | ₩ | 251,298  | ₩    | (12,811) | ₩      | 346,789 |  |  |  |  |

| (in millions of            | 2019 |         |    |          |        |       |   |         |  |  |  |  |
|----------------------------|------|---------|----|----------|--------|-------|---|---------|--|--|--|--|
| Korean won)                |      |         |    |          | Ot     | her   |   |         |  |  |  |  |
|                            | Beg  | jinning | In | crease   | adjust | ments | E | inding  |  |  |  |  |
| Architectural construction | ₩    | 1,132   | ₩  | -        | ₩      | -     | ₩ | 1,132   |  |  |  |  |
| New business               |      | 55,093  |    | 51,581   |        | 364   |   | 107,038 |  |  |  |  |
| Plant construction         |      | 5       |    | -        |        | -     |   | 5       |  |  |  |  |
| Infra works                |      | -       |    | 71       |        | -     |   | 71      |  |  |  |  |
| Others                     |      | 56      |    | <u>-</u> |        | _     |   | 56      |  |  |  |  |
|                            | ₩    | 56,286  | ₩  | 51,652   | ₩      | 364   | ₩ | 108,302 |  |  |  |  |

Goodwill impairment reviews are undertaken annually. The recoverable amount of the CGU is calculated on a basis of the value in use Value in use is estimated by using the DCF Method, which discounts the estimated future cash flows at a market discount rate based on the 5~6 year business budgets and plans approved by the management. Cash flows after 5~6 years use the estimated long-term growth rate as explained below. This growth rate does not exceed the long-term average growth rate forecasts included in the related industry report.

The following table sets out the key assumptions (discount rate, perpetual rate and others used in the value-in-use calculations) for those CGUs that have significant goodwill allocated to them. Also, the recoverable amount is as follows in case where the impairment loss exists in CGUs.

|                             | Sales growth rate | Operating profit rate | Discount rate | Perpetual growth rate | Recoverable amount <sup>1</sup> |
|-----------------------------|-------------------|-----------------------|---------------|-----------------------|---------------------------------|
| GS Inima Environment S.A.U. | 8.4%              | 15.0%~26.9%           | 8.5%          | 1.0%                  | N/A                             |
| Danwood S.A.                | 10.1%             | 6.1%~7.6%             | 9.7%          | 1.0%                  | N/A                             |
| Elements (Europe) Limited   | 43.7%             | 1.4%~3.7%             | 10.2%         | 1.0%                  | N/A                             |
| CDCF III Fortbay MV, LLC    | 26.8%             | -501.7%~34.1%         | 12.3%         | 0.0%                  | N/A                             |

<sup>&</sup>lt;sup>1</sup> Since there is no impairment loss incurred, it is presented as not applicable (N/A).

Management has determined the values assigned to each of the above key assumptions as follows:

Sales growth rate is the average growth rate for sales over the 5-6 years forecast period. It is based on past performance and sales mix, with adjustments made to reflect the expected future price. Discount rates reflect specific risks relating to the relevant segments and the countries in which they operate. Perpetual growth rate is the weighted average growth rate used to extrapolate cash flows beyond the budget period. The rates do not exceed the long-term average growth rate forecasts included in industry reports.

The impairment test suggests that the carrying amount of cash generating units does not exceed the recoverable amount.

If the discount rate used in the estimation of recoverable amounts for the CGU had been 1% higher than management's estimates, the Group would have had to recognize an impairment against goodwill of  $\mbox{$W$}$  17,835 million.

If the perpetual growth rate used in the estimation of recoverable amounts for the CGU had been 1% lower than management's estimates, the Group would have not had to recognize an impairment against goodwill.

- (5) The Group has entered into LIB recycle technology transfer contract with GHP and another company and the amount of related purchase agreement is USD 3,700,000.
- (6) The Group has entered into elevator control panel technology transfer contract with G-Tech and in relation to this, the Group pays 1 % of sales from the elevator control panel as a technical fee.

### 15. Investment Properties

(1) Details of investment properties as of December 31, 2020 and 2019, are as follows:

| (in millions of     |                  |           |                            | 20       | 20 |                      |                   |           | 2019 |                   |                          |          |   |                      |   |                   |  |
|---------------------|------------------|-----------|----------------------------|----------|----|----------------------|-------------------|-----------|------|-------------------|--------------------------|----------|---|----------------------|---|-------------------|--|
| Korean won)         | Acquisition cost |           | n Accumulated depreciation |          |    | umulated<br>pairment | Net book<br>value |           | Ac   | quisition<br>cost | Accumulated depreciation |          |   | umulated<br>pairment | ١ | let book<br>value |  |
| Land                | ₩                | 742,527   | ₩                          | -        | ₩  | (13,651)             | ₩                 | 728,876   | ₩    | 686,738           | ₩                        | -        | ₩ | (13,651)             | ₩ | 673,087           |  |
| Buildings           |                  | 299,392   |                            | (33,696) |    | (24,091)             |                   | 241,605   |      | 295,041           |                          | (25,765) |   | (24,091)             |   | 245,185           |  |
| Right-of-use assets |                  | 76,776    |                            | (19,379) |    | (6,006)              |                   | 51,391    |      |                   |                          |          |   |                      |   | _                 |  |
|                     | ₩                | 1,118,695 | ₩                          | (53,075) | ₩  | (43,748)             | ₩                 | 1,021,872 | ₩    | 981,779           | ₩                        | (25,765) | ₩ | (37,742)             | ₩ | 918,272           |  |

Fair values of investment properties approximate their book values as of December 31, 2020 and 2019.

(2) Changes in investment properties for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of     | 2020      |         |             |        |   |          |   |            |            |         |   |                 |        |           |
|---------------------|-----------|---------|-------------|--------|---|----------|---|------------|------------|---------|---|-----------------|--------|-----------|
| Korean won)         | Beginning |         | Acquisition |        | I | Disposal |   | oreciation | Impairment |         | 7 | <b>Transfer</b> | Ending |           |
| Land                | ₩         | 673,087 | ₩           | 56,072 | ₩ | (780)    | ₩ | -          | ₩          | -       | ₩ | 497             | ₩      | 728,876   |
| Buildings           |           | 245,185 |             | 4,829  |   | (774)    |   | (7,981)    |            | -       |   | 346             |        | 241,605   |
| Right-of-use assets |           | -       |             | -      |   |          | - | _          |            | (6,006) |   | 57,397          |        | 51,391    |
|                     | ₩         | 918,272 | ₩           | 60,901 | ₩ | (1,554)  | ₩ | (7,981)    | ₩          | (6,006) | ₩ | 58,240          | ₩      | 1,021,872 |

| (in millions of |           | 2019    |             |        |          |       |              |         |            |          |                       |          |   |       |        |         |
|-----------------|-----------|---------|-------------|--------|----------|-------|--------------|---------|------------|----------|-----------------------|----------|---|-------|--------|---------|
| Korean won)     | Beginning |         | Acquisition |        | Disposal |       | Depreciation |         | Impairment |          | Transfer <sup>1</sup> |          | Exchange<br>Transfer <sup>1</sup> differences |       | Ending |         |
| Land            | ₩         | 625,793 | ₩           | 69,363 | ₩        | (316) | ₩            | -       | ₩          | (8,307)  | ₩                     | (14,017) | ₩   | 571   | ₩      | 673,087 |
| Buildings       |           | 290,035 |             | 234    |          | (520) |              | (6,919) |            | (6,500)  |                       | (32,470) |   | 1,325 |        | 245,185 |
|                 | ₩         | 915,828 | ₩           | 69,597 | ₩        | (836) | ₩            | (6,919) | ₩          | (14,807) | ₩                     | (46,487) | ₩   | 1,896 | ₩      | 918,272 |

<sup>&</sup>lt;sup>1</sup> ₩ 46,487 million of investment properties were reclassified to property, plant and equipment.

(3) Gain and loss on investment properties recognized in profit or loss for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)     | 2020 |                  |   | 2019            |  |  |  |
|---------------------------------|------|------------------|---|-----------------|--|--|--|
| Lease income Operating expenses | ₩    | 24,706<br>17,831 | ₩ | 6,407<br>16,739 |  |  |  |
| Operating expenses              | ₩    | 6,876            | ₩ | (10,332)        |  |  |  |

(4) Collateral pledged to financial institutions for borrowings as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) | 2020                 |                |                                       |                |                  |  |  |  |  |  |  |  |
|-----------------------------|----------------------|----------------|---------------------------------------|----------------|------------------|--|--|--|--|--|--|--|
| •                           | Carrying amount      | Secured amount | Related account                       | Related amount | Secured party    |  |  |  |  |  |  |  |
| Land<br>Buildings           | ₩ 205,261<br>205,308 | ₩ 232,613      | Long-term<br>borrowings<br>and others | ₩ 192,843      | Woori and others |  |  |  |  |  |  |  |
| (in millions of Korean won) |                      |                | 2019                                  |                |                  |  |  |  |  |  |  |  |
|                             | Carrying amount      | Secured amount | Related account                       | Related amount | Secured party    |  |  |  |  |  |  |  |
| Land<br>Buildings           | ₩ 149,189<br>207,863 | ₩ 156,718      | Long-term<br>borrowings<br>and others | ₩ 130,893      | Woori and others |  |  |  |  |  |  |  |

(5) The future minimum lease payments expected to be received in relation to the above operating lease agreement for investment property as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) |   | 2020   | 2019 |        |  |  |
|-----------------------------|---|--------|------|--------|--|--|
| Within one year             | ₩ | 23,596 | ₩    | 23,697 |  |  |
| Between 1 and 2 years       |   | 17,030 |      | 23,383 |  |  |
| Between 2 and 3 years       |   | 14,963 |      | 16,841 |  |  |
| Between 3 and 4 years       |   | 6,967  |      | 14,849 |  |  |
| Between 4 and 5 years       |   | 3,444  |      | 6,925  |  |  |
|                             | ₩ | 66,000 | ₩    | 85,695 |  |  |

The minimum lease payments incurred from sublease are included.

#### 16. Leases

Set out below is information for leases when the Company is a lessee (intermediate lessor).

(1) The statement of financial position shows the following amounts relating to leases:

| (in millions of Korean won)    |   | 2020     | 2019 |          |  |
|--------------------------------|---|----------|------|----------|--|
| 5                              |   |          |      |          |  |
| Right-of-use assets            |   |          |      |          |  |
| Land                           | ₩ | 2,356    | ₩    | 2,846    |  |
| Buildings <sup>1</sup>         |   | 475,394  |      | 559,700  |  |
| Machinery                      |   | 8        |      | 44       |  |
| Construction equipment         |   | 7,542    |      | 19,169   |  |
| Vehicles                       |   | 4,224    |      | 708      |  |
| Tools                          |   | 1        |      | 2        |  |
| Equipment                      |   | 868      |      | 1,259    |  |
| Sublease <sup>2</sup>          | - | (78,573) |      | (64,684) |  |
|                                | ₩ | 411,820  | ₩    | 519,044  |  |
| Lease liabilities <sup>2</sup> | ' | _        |      |          |  |
| Current                        | ₩ | 88,621   | ₩    | 95,169   |  |
| Non-current                    |   | 479,911  |      | 497,291  |  |
|                                | ₩ | 568,532  | ₩    | 592,460  |  |

¹₩ 57,397 million was reclassified to investment properties for the year ended December 31, 2020.

(2) The statement of profit or loss shows the following amounts relating to leases:

| (in millions of Korean won)                    | 2020 |         | 2019 |        |
|--|------|---------|------|--------|
| Depreciation of right-of-use assets            |      |         |      |        |
| Land   | ₩    | 2,354   | ₩    | 1,769  |
| Buildings                                      |      | 47,658  |      | 55,523 |
| Machinery                                      |      | 47      |      | 64     |
| Construction equipment                         |      | 19,207  |      | 18,178 |
| Vehicles                                       |      | 2,018   |      | 426    |
| Tools  |      | 4       |      | 6      |
| Equipment                                      |      | 440     |      | 370    |
|  | ₩    | 71,728  | ₩    | 76,336 |
| Interest expense relating to lease liabilities | ₩    | 20,955  | ₩    | 23,472 |
| Expense relating to short-term leases          |      | 110,333 |      | 96,283 |

 $<sup>^2</sup>$  Additions to the right-of-use assets during the 2020 financial year were  $\forall$  60,292 million. In addition, as the sublease was recognized as finance lease in 2020, the amount of right-of-use assets deducted from book amount is  $\forall$  38,121 million.

| (in millions of Korean won)   | 2020   | 2019   |
|---|--------|--------|
| Expense relating to leases of low-value assets that are not short-term leases | 11,933 | 12,262 |
| Expense relating to variable lease payments not included in lease liabilities | 11,511 | 9,828  |
| Interest income from sublease   | 2,916  | 2,795  |

The total cash outflow for leases in 2020 was ₩ 240,568 million.

(3) Details of finance lease receivables as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                |   | 2020    |   | 2019     |
|--|---|---------|---|----------|
| Finance lease receivables                  |   |         |   |          |
| Current                                    | ₩ | 21,026  | ₩ | 13,333   |
| Non-current                                |   | 56,658  |   | 48,898   |
|  | ₩ | 77,684  | ₩ | 62,231   |
| (in millions of Korean won)                |   | 2020    |   | 2019     |
| Lease payments                             |   |         |   |          |
| Within one year                            | ₩ | 21,132  | ₩ | 21,818   |
| Between 1 and 2 years                      |   | 23,571  |   | 21,132   |
| Between 2 and 3 years                      |   | 23,143  |   | 23,571   |
| Between 3 and 4 years                      |   | 8,092   |   | 23,143   |
| Between 4 and 5 years                      |   | 1,864   |   | 8,092    |
| Over 5 years                               |   | 5,361   |   | 7,225    |
|  |   | 83,163  |   | 104,981  |
| Non-guaranteed residual values             |   |         |   |          |
| Gross investment in the lease              |   | 83,163  |   | 104,981  |
| Less: unrealized interest income           |   | (5,479) |   | (42,750) |
| Less: loss allowance for lease receivables |   |         |   |          |
| Net investment in the lease                | ₩ | 77,684  | ₩ | 62,231   |

### 17. Trade and Other Payables, Other Liabilities

(1) Trade and other payables as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) |   | 2020      |   | 2019      |
|-----------------------------|---|-----------|---|-----------|
| Trade payables              | ₩ | 1,124,774 | ₩ | 1,394,222 |
| Other payables              |   | 278,372   |   | 235,758   |
|                             | ₩ | 1,403,146 | ₩ | 1,629,980 |

(2) Details of other current liabilities as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)   | 2020 |         |   | 2019    |
|-------------------------------|------|---------|---|---------|
| Advance from customers        | ₩    | 182,050 | ₩ | 130,013 |
| Withholdings                  |      | 152,443 |   | 236,352 |
| Deposits received             |      | 663     |   | 1,166   |
| Accrued expenses              |      | 388,077 |   | 164,883 |
| Dividends payable             |      | 9       |   | 6       |
| Unearned revenue              |      | 37,668  |   | 397     |
| Value added tax withheld      |      | 19,062  |   | 22,922  |
| Membership guarantee deposits |      | 177,702 |   | 177,146 |
| 1                             | ₩    | 957,674 | ₩ | 732,885 |

<sup>&</sup>lt;sup>1</sup> Advances from construction contracts, advances from apartment sales and overbilled amounts related to construction are excluded due to reclassification of accounts.

(3) Details of long-term trade and other payables as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) |   | 2020    | 2019 |   |  |
|-----------------------------|---|---------|------|---|--|
| Long-term other payables    | ₩ | 189,393 | ₩    | - |  |

(4) Details of other non-current liabilities as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)   | 2 | 2020   | 2019 |        |  |
|-------------------------------|---|--------|------|--------|--|
| Long-term deposits received   | ₩ | 34,121 | ₩    | 49,471 |  |
| Membership guarantee deposits |   | 20,882 |      | 26,777 |  |
| 1                             | ₩ | 55,003 | ₩    | 76,248 |  |

<sup>&</sup>lt;sup>1</sup> Leasehold deposits received are excluded due to reclassification of accounts.

#### 18. Financial Liabilities

(1) Details of short-term financial liabilities as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                                 | 2020 |           | 2019 |         |
|---|------|-----------|------|---------|
| Short-term borrowings                                       | ₩    | 391,697   | ₩    | 450,893 |
| Current portion of long-term debts                          |      | 605,015   |      | 410,553 |
| Discount on debentures                                      |      | (176)     |      | -       |
| Conversion right adjustments                                |      | (2,601)   |      | -       |
| Current lease liabilities                                   |      | 88,621    |      | 95,169  |
| Derivative liabilities <sup>1</sup>                         |      | 45,462    |      | 35,117  |
| Financial guarantee liabilities <sup>2</sup>                |      | 28,925    |      | -       |
| Current portion of leasehold deposits received <sup>3</sup> |      | 36,529    |      | _       |
|   | ₩    | 1,193,472 | ₩    | 991,732 |

<sup>&</sup>lt;sup>1</sup> The fair value of conversion rights that are granted to creditors in relation to the issuance of foreign convertible bonds are included in derivative liabilities.

(2) Details of long-term financial liabilities as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                  | 2020 |           |   | 2019      |
|--|------|-----------|---|-----------|
| Long-term borrowings                         | ₩    | 1,459,461 | ₩ | 1,187,750 |
| Debentures                                   |      | 788,027   |   | 667,565   |
| Discount on debentures                       |      | (2,620)   |   | (1,772)   |
| Conversion right adjustments                 |      | -         |   | (8,242)   |
| Non-current lease liabilities                |      | 479,911   |   | 497,290   |
| Derivative liabilities                       |      | 2,270     |   | 2,016     |
| Financial guarantee liabilities <sup>1</sup> |      | 59,787    |   | 125,237   |
| Leasehold deposits received <sup>2</sup>     |      | 171,143   |   | 215,191   |
|  | ₩    | 2,957,979 | ₩ | 2,685,035 |

<sup>&</sup>lt;sup>1</sup> Financial guarantee liabilities are included due to reclassification of accounts.

<sup>&</sup>lt;sup>2</sup> Financial guarantee liabilities are included due to reclassification of accounts.

<sup>&</sup>lt;sup>3</sup> Current portion of leasehold deposits received is included due to reclassification of accounts.

<sup>&</sup>lt;sup>2</sup> Leasehold deposits received is included due to reclassification of accounts.

(3) Details of short-term borrowings as of December 31, 2020 and 2019, are as follows:

| Nance   KEB Hana   2021-06-07   0.35~1.00   W   2,708   W   2,966     | (in millions of<br>Korean won) | Creditor                        | Maturity   | Annual interest rate (%) | 2020      | 2019      |
|---|--------------------------------|---------------------------------|------------|--------------------------|-----------|-----------|
| Suhyup  | Usance                         | KEB Hana                        | 2021-06-07 | 0.35~1.00                | ₩ 2,708   | ₩ 451     |
| Woori   2021-02-16   0.30~0.60   959   3,105     KDB   2021-05-24   0.61~0.71   529   843     Shinhan   -   |                                | Kookmin                         | 2021-06-28 | 0.55~0.65                | 2,278     | 2,966     |
| KDB   |                                | Suhyup                          | -          | -                        | -         | 5,574     |
| Shinhan   -   -   -   |                                | Woori                           | 2021-02-16 | 0.30~0.60                | 959       | 3,105     |
| Bank of China   |                                | KDB                             | 2021-05-24 | 0.61~0.71                | 529       | 843       |
| Citibank Korea   2021-04-14   0.45   1,425  |                                | Shinhan                         | -          | -                        | -         | 1,016     |
| Semeral   HSBC  |                                | Bank of China                   | -          | -                        | -         | 6,595     |
| borrowings in foreign currency         Qatar National Bank Consortium         -         -         -         6,321           Industrial & Commercial Bank of China Industrial & Commercial Bank of China Everbright Bank of China         2021-05-11         3M Libor + 2.30         32,640         34,734           Bank of China Industrial & Commercial Bank of China Everbright Bank DB Madrid Everbright Bank DB Madrid Scott DB Madr  |                                | Citibank Korea                  | 2021-04-14 | 0.45                     | 1,425     | -         |
| Foreign currency    Consortium  | General                        | HSBC                            | -          | -                        | -         | 57,890    |
| Bank of Communications Industrial & Commercial Bank of China China Everbright Bank 2021-07-23 3M Libor + 2.20 21,760 23,156 Bank of China 34,734 Subsidiaries  DB Madrid 2021-03-29 12M Libor + 3.00 39,747 57,048 NH Bank 2021-03-29 12M Libor + 3.00 39,747 57,048 NH Bank 2021-05-31 3.07 12,000 - SC New York 2021-02-19 1M Libor + 1.90 163,200 - Smilegate 92,880 Helios and others 92,880 Helios and others 11 Caixa and others 1.2 2021-06-30 TR + 8.70 and others  JSC Credit Agricole 2021-07-09 6M EURibor + 21,372 15,880 Bank 3.25 PKO Bank Polski S.A. 2021-06-30 3M EURibor + 12,391 - 150~3.00  | -                              |                                 | -          | -                        | -         | 6,321     |
| Communications   Industrial & Commercial   2021-05-11   3M Libor + 2.30   32,640   34,734     Bank of China   Industrial & Commercial   -   |                                | United Overseas Bank            | -          | -                        | -         | 31,080    |
| Bank of China Industrial & Commercial Bank of China China Everbright Bank China =   |                                |                                 | 2021-05-13 | 3M Libor + 1.90          | 16,320    | -         |
| Bank of China China Everbright Bank China Everbright Bank China Everbright Bank Bank of China China Everbright Bank China Everbright China China Everbright Bank China China China Everbright Bank China Everbright China China China Everbright China |                                |                                 | 2021-05-11 | 3M Libor + 2.30          | 32,640    | 34,734    |
| Subsidiaries       Bank of China       -       -       -       34,734         Subsidiaries       DB Madrid       2021-03-29       12M Libor + 3.00       39,747       57,048         NH Bank       2021-05-31       3.07       12,000       -         SC New York       2021-02-19       1M Libor + 1.90       163,200       -         Smilegate       -       -       -       92,880         Helios and others       -       -       -       11         Caixa and others¹.²       2021-06-30       TR + 8.70 and others       64,368       53,453         JSC Credit Agricole       2021-07-09       6M EURibor + 21,372       15,880         Bank       3.25       3.25       12,391       -         PKO Bank Polski S.A.       2021-06-30       3M EURibor + 12,391       -       -  |                                |                                 | -          | -                        | -         | 23,156    |
| Subsidiaries       DB Madrid       2021-03-29       12M Libor + 3.00       39,747       57,048         NH Bank       2021-05-31       3.07       12,000       -         SC New York       2021-02-19       1M Libor + 1.90       163,200       -         Smilegate       -       -       -       92,880         Helios and others       -       -       -       11         Caixa and others¹.²       2021-06-30       TR + 8.70 and others       64,368       53,453         JSC Credit Agricole       2021-07-09       6M EURibor + 21,372       15,880         Bank       3.25       3.25       12,391       -         PKO Bank Polski S.A.       2021-06-30       3M EURibor + 12,391       -       -  |                                | China Everbright Bank           | 2021-07-23 | 3M Libor + 2.20          | 21,760    | 23,156    |
| NH Bank 2021-05-31 3.07 12,000 - SC New York 2021-02-19 1M Libor + 1.90 163,200 - Smilegate 92,880 Helios and others 11 Caixa and others <sup>1,2</sup> 2021-06-30 TR + 8.70 and others  JSC Credit Agricole 2021-07-09 6M EURibor + 21,372 15,880 Bank 3.25 PKO Bank Polski S.A. 2021-06-30 3M EURibor + 12,391 - 1.50~3.00  |                                | Bank of China                   | -          | -                        | -         | 34,734    |
| SC New York       2021-02-19       1M Libor + 1.90       163,200       -         Smilegate       -       -       -       92,880         Helios and others       -       -       -       11         Caixa and others <sup>1,2</sup> 2021-06-30       TR + 8.70 and others       64,368       53,453         JSC Credit Agricole       2021-07-09       6M EURibor + 21,372       15,880         Bank       3.25         PKO Bank Polski S.A.       2021-06-30       3M EURibor + 12,391       -         1.50~3.00       -       -       -  | Subsidiaries                   | DB Madrid                       | 2021-03-29 | 12M Libor + 3.00         | 39,747    | 57,048    |
| Smilegate       -       -       -       92,880         Helios and others       -       -       -       11         Caixa and others <sup>1,2</sup> 2021-06-30       TR + 8.70 and others       64,368       53,453 others         JSC Credit Agricole       2021-07-09       6M EURibor + 21,372       15,880 and 20   |                                | NH Bank                         | 2021-05-31 | 3.07                     | 12,000    | -         |
| Helios and others 11 Caixa and others 11 Caixa and others 11 Solution   |                                | SC New York                     | 2021-02-19 | 1M Libor + 1.90          | 163,200   | -         |
| Caixa and others <sup>1,2</sup> 2021-06-30 TR + 8.70 and others  JSC Credit Agricole 2021-07-09 6M EURibor + 21,372 15,880 Bank 3.25  PKO Bank Polski S.A. 2021-06-30 3M EURibor + 12,391 - 1.50~3.00   |                                | Smilegate                       | -          | -                        | -         | 92,880    |
| others  JSC Credit Agricole 2021-07-09 6M EURibor + 21,372 15,880  Bank 3.25  PKO Bank Polski S.A. 2021-06-30 3M EURibor + 12,391 - 1.50~3.00   |                                | Helios and others               | -          | -                        | -         | 11        |
| Bank 3.25 PKO Bank Polski S.A. 2021-06-30 3M EURibor + 12,391 - 1.50~3.00   |                                | Caixa and others <sup>1,2</sup> | 2021-06-30 |                          | 64,368    | 53,453    |
| 1.50~3.00   |                                | <del>-</del>                    | 2021-07-09 |                          | 21,372    | 15,880    |
| ₩ 391,697 ₩ 450,893   |                                | PKO Bank Polski S.A.            | 2021-06-30 |                          | 12,391    | -         |
|   |                                |                                 |            |                          | ₩ 391,697 | ₩ 450,893 |

<sup>&</sup>lt;sup>1</sup> Future cash flows from the Service Concession Arrangements are pledged as collateral (Note 34).

<sup>&</sup>lt;sup>2</sup> Interests held by the subsidiaries are pledged as collateral.

(4) Details of long-term borrowings as of December 31, 2020 and 2019, are as follows:

| (in millions of<br>Korean won)    | Creditor                                 | Maturity   | Annual interest rate (%) | 2020        | 2019    |       |
|-----------------------------------|--|------------|--------------------------|-------------|---------|-------|
| Long-term                         | IBK Capital                              | -          | -                        | ₩ -         | ₩ 30    | 0,000 |
| borrowings in<br>Korean won       | NongHyup Life<br>Insurance Co., Ltd.     | -          | -                        | -           | 20      | 0,000 |
|                                   | Dream Arena Co., Ltd.                    | -          | -                        | -           | 75      | 5,000 |
|                                   | KDB Capital                              | -          | -                        | -           | 5       | 5,000 |
|                                   | Elysia the 1st Co., Ltd.                 | -          | -                        | -           | 16      | 5,500 |
|                                   | FN siksa 1st Co., Ltd.                   | -          | -                        | -           | 12      | 2,981 |
|                                   | Woori <sup>1</sup>                       | 2045-06-12 | 2.30~2.80                | 127,435     | 127     | 7,435 |
|                                   | Industrial & Commercial<br>Bank of China | -          | -                        | -           | 20      | 0,000 |
|                                   | Fairy Ilsan Co., Ltd. <sup>2</sup>       | 2022-11-16 | 2.95                     | 19,030      | 24      | 1,049 |
|                                   | HSBC                                     | 2021-05-10 | 2.95                     | 100,000     | 100     | 0,000 |
|                                   | YKGAEPO.Co.,Ltd.3                        | 2021-10-08 | 2.85                     | 100,000     | 100     | 0,000 |
|                                   | Korea Exim                               | 2024-09-19 | 2.15                     | 37,500      | 37      | 7,500 |
| Long-term                         | Korea Exim                               | 2021-04-12 | 3M Libor + 2.48          | 12,925      | 13      | 3,755 |
| borrowings in<br>foreign currency | Korea Exim                               | 2027-03-10 | 6M EURibor +<br>1.66     | 149,883     |         | -     |
|                                   | Korea Exim                               | -          | -                        | -           | 118     | 3,096 |
|                                   | Korea Exim                               | 2023-07-05 | 6M Libor + 1.75          | 163,200     |         | -     |
|                                   | Korea Exim                               | 2026-09-19 | 6M EURibor +<br>1.53     | 32,118      | 31      | 1,137 |
|                                   | Korea Exim                               | 2026-09-23 | 6M EURibor +<br>1.68     | 123,118     | 119     | 9,364 |
|                                   | Korea Exim                               | 2025-01-16 | 6M GBP Libor +<br>1.79   | 26,683      |         | -     |
|                                   | Korea Exim                               | 2025-05-08 | 6M Libor + 2.24          | 36,992      |         | _     |
|                                   | Korea Exim                               | 2027-08-24 | 6M EURibor +<br>1.76     | 66,912      |         | -     |
|                                   | HSBC                                     | 2025-03-10 | 3M EURibor +<br>1.60     | 40,147      |         | -     |
|                                   | Arab Bank, S'pore                        | 2022-01-17 | 6M Libor + 1.60          | 54,400      | 57      | 7,890 |
|                                   | KEB Hana                                 | 2023-08-24 | 3M EUR Libor + 2.42      | 28,504      |         | -     |
|                                   | Industrial & Commercial<br>Bank of China | 2022-02-11 | 3M Libor + 1.85          | 54,400      |         | -     |
|                                   | Bank of China                            | 2022-02-17 | 3M Libor + 1.85          | 65,280      |         | -     |
| Subsidiaries                      | Caixa and others <sup>4,5,6,7</sup>      | 2038-11-07 | TR + 8.70 and others     | 663,886     | 458     | 3,433 |
|                                   |  |            |                          | 1,902,413   | 1,367   | 7,140 |
| Less: current portion             | n  |            |                          | (442,952)   | (179    | ,390) |
|                                   |  |            |                          | ₩ 1,459,461 | ₩ 1,187 | 7,750 |

<sup>&</sup>lt;sup>1</sup> Part of the investment property held by the Group are pledged as collateral (Note 15).

 $<sup>^2</sup>$  Land and buildings for the business are trusted and the preferred beneficiary right for future receivables is granted to the creditor with the limit of  $\mbox{$W$}$  357.6 billion.

(5) Details of debentures as of December 31, 2020 and 2019, are as follows:

| (in millions of<br>Korean won)                  | Creditor                                   | Maturity   | Annual interest rate (%) |   | 2020      |   | 2019      |
|---|--|------------|--------------------------|---|-----------|---|-----------|
| Bonds in Korean won with fixed                  | The 135th unsecured bond (private)         | 2021-05-10 | 2.50                     | ₩ | 20,000    | ₩ | 20,000    |
| interest rate                                   | The 136th unsecured bond (public)          | 2022-07-12 | 2.00                     |   | 300,000   |   | 300,000   |
|   | The 137th unsecured bond (public)          | 2023-06-11 | 2.70                     |   | 100,000   |   | -         |
|   | Convertible bonds <sup>1</sup>             | 2021-04-12 | 2.90                     |   | 54,500    |   | 62,000    |
| Bonds in foreign currency                       | The 133th - secured bond (variable rate)   | 2022-04-26 | 3M Libor + 0.95          |   | 54,400    |   | 57,890    |
|   | The 134th - unsecured bond (variable rate) | 2023-05-04 | 3M Libor + 1.85          |   | 54,400    |   | 57,890    |
|   | The 138th - unsecured bond (variable rate) | 2023-10-21 | 6M Libor + 1.80          |   | 184,960   |   | -         |
|   | Convertible bonds <sup>2</sup>             | 2021-07-21 | 4.50                     |   | 73,114    |   | 87,067    |
| Bonds of<br>subsidiaries in<br>foreign currency | Bond <sup>3</sup>                          | 2021-03-03 | CDI + 4.35               |   | 946       |   | 3,938     |
|   | Bond <sup>3</sup>                          | 2030-03-01 | TR + 9.00                |   | 19,375    |   | 28,242    |
|   | Bond                                       | -          | -                        |   | -         |   | 148,833   |
|   | Bond <sup>3</sup>                          | 2027-05-15 | CDI + 2.67               |   | 33,566    |   | 52,192    |
|   | Bond <sup>3</sup>                          | 2021-03-30 | IGP-M + 12.50            |   | 874       |   | 1,345     |
|   | Bond <sup>3</sup>                          | 2029-08-01 | TR + 8.75                |   | 53,955    |   | 79,331    |
|   |  |            |                          |   | 950,090   |   | 898,728   |
| Less: current portion                           | on   |            |                          |   | (159,286) |   | (231,163) |
|   |  |            |                          |   | 790,804   |   | 667,565   |
| Less: discount on debentures                    |  |            |                          |   | (2,796)   |   | (1,772)   |
| Less: conversion ri                             | ght adjustments                            |            |                          |   | (2,601)   |   | (8,242)   |
|   |  |            |                          | ₩ | 785,407   | ₩ | 657,551   |

<sup>&</sup>lt;sup>1</sup> Convertible bonds

The Parent Company issued unsecured convertible bonds on April 8, 2016 in accordance with the resolution made at the Board of Directors' meeting. Details of the bonds are as follows:

<sup>&</sup>lt;sup>3</sup> Future cash flows from the business are pledged as collateral and beneficiary right is provided with regard to it.

<sup>&</sup>lt;sup>4</sup> Future cash flows from the Service Concession Arrangements are pledged as collateral (Note 34).

<sup>&</sup>lt;sup>5</sup> Part of the lots held by the subsidiaries are pledged as collateral (Note 8).

<sup>&</sup>lt;sup>6</sup> Investments held by the subsidiaries are pledged as collateral (Note 12).

<sup>&</sup>lt;sup>7</sup> Part of the property, plant and equipment held by the subsidiaries is pledged as collateral (Note 13).

# **GS Engineering & Construction Corporation and Subsidiaries**

### **Notes to the Consolidated Financial Statements**

**December 31, 2020 and 2019** 

#### Description

Aggregate principal amount of

the bonds

₩ 250,000,000,000

Par interest rate 2.90% Yield to maturity 2.90%

Conversion period From April 12, 2017 to March 12, 2021

Type of shares to be issued in accordance with the conversion

Fully paid ordinary shares

1. Conversion price: ₩ 24,658 per share

2. Payments: paid at once on maturity, redemption at the option of the

bondholders

3. Issued: private offering

Details of conversion rights

4. Adjustments to conversion price: adjustments described under "Terms and Conditions of the Bonds" (consolidation, subdivision, reclassification or capital reduction, share dividends, capitalization of profits or reserves, distributions, rights issues of shares or options over shares, issues at less than current market price and others)

During the year ended December 31, 2020, the Company issued 304,157 shares of its ordinary share for the exercise of conversion rights to face par value of  $\mbox{$W$}$  7,500 million.

#### <sup>2</sup> Convertible bonds

The Parent Company issued unsecured convertible bonds on July 7, 2016 in accordance with the resolution made at the Board of Directors' meeting. Details of the bonds are as follows:

#### Description

Aggregate principal amount of

the bonds

USD 150,000,000

Par interest rate 4.50% Yield to maturity 4.50%

Conversion period From July 21, 2017 to July 14, 2021

Type of shares to be issued in accordance with the conversion

Fully paid ordinary shares

- 1. Conversion price: ₩ 30,239 per share
- 2. Payments: paid at once on maturity, redemption at the option of the bondholders, redemption at the option of the issuer
- 3. Issued: private offering (Korea) and public offering (Foreign)

Details of conversion rights

4. Adjustments to conversion price: adjustments described under "Terms and Conditions of the Bonds" (consolidation, subdivision, reclassification or capital reduction, share dividends, capitalization of profits or reserves, distributions, rights issues of shares or options over shares, issues at less

than current market price and others)

During the year ended December 31, 2020, the Parent Company issued 306,242 shares of its ordinary share for the exercise of conversion rights to face par value of USD 8,000,000.

<sup>&</sup>lt;sup>3</sup> Future cash flows from the Service Concession Arrangements are pledged as collateral (Note 34).

#### 19. Post-employment Benefits

#### (1) Defined contribution retirement pension

The Group operates a defined contribution pension plan under which the amount contributed by the Group is expensed. The amount recognized in the financial statement of profit or loss for the year ended December 31, 2020 is  $\forall 3,543$  million.

#### (2) Defined benefit retirement pension

The Group operates a defined benefit pension plan for its employees. In relation to this, actuarial gains and losses on the defined benefit obligation is calculated using the projected unit credit method.

1) The amounts recognized in the statements of financial position are as follows:

| (in millions of Korean won)                               |   | 2020      | 2019 |           |  |
|---|---|-----------|------|-----------|--|
| Present value of defined benefit obligations <sup>1</sup> | ₩ | 500,432   | ₩    | 497,487   |  |
| Fair value of plan assets                                 |   | (482,660) |      | (447,678) |  |
| Net defined benefit liabilities                           | ₩ | 17,772    | ₩    | 49,809    |  |

<sup>&</sup>lt;sup>1</sup> The present value of the defined benefit obligation is calculated by deducting contributions to the National Pension Fund of  $\forall 575$  million as of December 31, 2020 (2019:  $\forall 598$  million).

2) Changes in the carrying amount of defined benefit liabilities for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                                     |   | 2020     |   | 2019     |
|---|---|----------|---|----------|
| Beginning balance   | ₩ | 497,487  | ₩ | 460,767  |
| Current service cost  |   | 68,773   |   | 55,359   |
| Interest expenses   |   | 8,483    |   | 9,758    |
| Remeasurements:   |   | (20,931) |   | 18,434   |
| Actuarial gain and loss from changes in demographic assumptions |   | 159      |   | (810)    |
| Actuarial gain and loss from changes in financial assumptions   |   | (8,966)  |   | 12,437   |
| Actuarial gain and loss from experience adjustments             |   | (12,124) |   | 6,807    |
| Exchange differences  |   | (263)    |   | (40)     |
| Payments from plans:  |   | (53,011) |   | (46,950) |
| Benefit payments  |   | (53,011) |   | (46,950) |
| Liabilities transferred from (to) a related party               |   | (106)    |   | 159      |
| Ending balance  | ₩ | 500,432  | ₩ | 497,487  |

3) Changes in the fair value of plan assets for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)   |   | 2020     | 2019 |          |  |
|---|---|----------|------|----------|--|
| Beginning balance   | ₩ | 447,678  | ₩    | 387,979  |  |
| Interest income   |   | 8,093    |      | 8,383    |  |
| Remeasurements:   |   | 902      |      | (1,010)  |  |
| Return on plan assets (excluding amounts included in interest income) |   | 902      |      | (1,010)  |  |
| Contributions:  |   | 72,369   |      | 92,364   |  |
| Employers   |   | 72,369   |      | 92,364   |  |
| Payments from plans:  |   | (46,267) |      | (40,360) |  |
| Benefit payments  |   | (45,540) |      | (39,650) |  |
| Management fee  |   | (727)    |      | (711)    |  |
| Assets transferred to a related party                                 |   | (115)    |      | 322      |  |
| Ending balance  | ₩ | 482,660  | ₩    | 447,678  |  |

4) Fair value of plan assets as of December 31, 2020 and 2019, consists of:

| (in millions of Korean won)     | 2020 |         |   | 2019    |
|---------------------------------|------|---------|---|---------|
| Financial instruments/Insurance | ₩    | 467,188 | ₩ | 409,919 |
| Time deposits                   |      | 9,073   |   | 32,391  |
| Cash and cash equivalents       |      | 1,816   |   | 1,552   |
| Others                          |      | 4,583   |   | 3,816   |
|                                 | ₩    | 482,660 | ₩ | 447,678 |

5) The amounts recognized in the statements of profit or loss for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                                  | 2020 |        |   | 2019   |
|--|------|--------|---|--------|
| Current service cost   | ₩    | 68,773 | ₩ | 55,359 |
| Net interest   |      | 1,115  |   | 2,087  |
| Ending balance <sup>1</sup>                                  | ₩    | 69,888 | ₩ | 57,446 |
| <sup>1</sup> Represents total expenses for pension benefits: |      |        |   |        |
| Cost of sales  | ₩    | 44,858 | ₩ | 38,167 |
| Selling and general administrative expenses                  |      | 25,030 |   | 19,279 |
|  | ₩    | 69,888 | ₩ | 57,446 |

6) The principal actuarial assumptions as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                  | 2020         | 2019  |
|--|--------------|-------|
| Discount rate                                | 1.74 ~ 2.88% | 1.88% |
| Future salary increase (including inflation) | 2.50 ~ 3.43% | 3.00% |

Mortality rates used as actuarial assumptions are based on post-2018 figures announced by the Insurance Development Institute.

7) A quantitative sensitivity analysis for significant assumptions as of December 31, 2020, is as shown below:

|                         |                          |   | Impact on defined | bene | efit obligation |
|-------------------------|--------------------------|---|-------------------|------|-----------------|
| Assumptions             | Sensitivity level<br>(%) |   | 1% increase       |      | 1% decrease     |
| Discount rate           | 1.00                     | ₩ | (23,953)          | ₩    | 26,757          |
| Future salary increases | 1.00                     |   | 26,350            |      | (24,071)        |

The Group reviews the funding level on an annual basis and has a policy of eliminating deficit from the fund.

Expected contributions to post-employment benefit plans for the year ending December 31, 2021, are  $\forall$  54,952 million.

The expected maturity analysis of undiscounted pension benefits as of December 31, 2020 and 2019, is as follows:

| (in millions of Korean won) |   | s than<br>year |   | tween<br>years |   | etween<br>5 years |   | etween<br>0 years | Total   |
|-----------------------------|---|----------------|---|----------------|---|-------------------|---|-------------------|---------|
| Pension benefits            |   |                |   |                |   |                   |   |                   |         |
| December 31, 2020           | ₩ | 68,464         | ₩ | 82,085         | ₩ | 199,580           | ₩ | 223,419 ₩         | 573,548 |
| December 31, 2019           |   | 62,347         |   | 76,411         |   | 204,368           |   | 250,798           | 593,924 |

The weighted average duration of the defined benefit obligation is 5.61~9.50 years.

#### (3) Other employee benefits

Employee benefits include paid absences recognized in respect of service rendered by employees in the current period and amount paid in respect of service rendered by employees with service period for certain years and above.

| (in millions of Korean won) | 2 | 2020   |   | 2019   |
|-----------------------------|---|--------|---|--------|
| Employee benefits           | ₩ | 39,200 | ₩ | 27,878 |

#### 20. Provisions

Details and changes in provisions for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of                                 |    |         |    |          |   |          | :  | 2020               |   |         |   |         |     |           |
|---|----|---------|----|----------|---|----------|----|--------------------|---|---------|---|---------|-----|-----------|
| Korean won)                                     | Ве | ginning | A  | dditions | F | Reversal | Ut | ilization          | E | Ending  | C | Current | Noi | n-current |
| Provisions for construction loss Provisions for | ₩  | 58,395  | ₩  | 41,759   | ₩ | (46,612) | ₩  | (89)               | ₩ | 53,453  | ₩ | 53,453  | ₩   | -         |
| construction warranty                           |    | 289,784 |    | 146,121  |   | (6,712)  |    | (40,068)           |   | 389,125 |   | 71,814  |     | 317,311   |
| Provisions for others                           |    | 73,384  |    | 52,955   |   | (7,532)  |    | (11,948)           |   | 106,859 |   | 70,443  |     | 36,416    |
|   | ₩  | 421,563 | ₩  | 240,835  | ₩ | (60,856) | ₩  | (52,105)           | ₩ | 549,437 | ₩ | 195,710 | ₩   | 353,727   |
| (in millions of<br>Korean won)                  |    | ainnina | Δ. | dditions |   | Reversal |    | 2019<br>cilization |   |         |   | Current | No  | n-current |
| riorodir irony                                  | Бе | ginning | A  | uditions | Г | Keversar | U  | ilization          |   | Ending  |   | urrent  | NOI | i-current |
| Provisions for construction loss Provisions for | ₩  | 86,783  | ₩  | 6,275    | ₩ | (35,004) | ₩  | 341                | ₩ | 58,395  | ₩ | 58,395  | ₩   | -         |
| construction warranty                           |    | 280,475 |    | 59,286   |   | (4,375)  |    | (45,602)           |   | 289,784 |   | 33,379  |     | 256,405   |
| Provisions for others                           |    | 52,892  |    | 37,964   |   | (3,980)  |    | (13,492)           |   | 73,384  |   | 43,933  |     | 29,451    |
|   | ₩  | 420,150 | ₩  | 103,525  | ₩ | (43,359) | ₩  | (58,753)           | ₩ | 421,563 | ₩ | 135,707 | ₩   | 285,856   |

#### 21. Commitments and Contingencies

- (1) As of December 31, 2020, the Group has been provided with guarantees of  $\mbox{$\mathbb{W}$}$  16,156,532 million (2019:  $\mbox{$\mathbb{W}$}$  13,999,036 million) from the Construction Guarantee and its business partners in relation to its construction performance, sales of housing lots and construction warranties. As of December 31, 2020, the Group has been provided with guarantees of within the limit of  $\mbox{$\mathbb{W}$}$  4,446,788 million from the Korea Development Bank and others in relation to opening of letters of credit and bond issuance, and USANCE borrowing limit (effective limit) is  $\mbox{$\mathbb{W}$}$  30,365 million (2019: total limit of  $\mbox{$\mathbb{W}$}$  4,696,716 million, USANCE borrowing limit (effective limit) of  $\mbox{$\mathbb{W}$}$  44,859 million). Also, the Group has been provided with guarantees of  $\mbox{$\mathbb{W}$}$  2,639,177 million (2019:  $\mbox{$\mathbb{W}$}$  3,079,097 million) from the Korea Trade Insurance Corporation and others in relation to the performance of its overseas construction projects.
- (2) As of December 31, 2020, the Group has provided payment guarantees of ₩ 133,715 million (2019: ₩ 104,666 million) in relation to its overseas construction projects and the Group has provided guarantees of ₩ 7,985,724 million (₩ 7,890,990 million after considering the Group's ownership) (2019: ₩ 7,588,031 million (₩ 7,476,310 million after considering the Group's ownership)) for apartment sales and others.
- (3) As of December 31, 2020, in relation to housing loans and temporary relocation costs of future tenants during the construction period, the Group has provided payment guarantees of ₩ 1,429,344 million (2019: ₩ 1,966,368 million) within the limit of ₩ 3,428,019 million (2019: ₩ 4,130,916 million) through agreements with financial institutions. Also, in relation to refurbishment projects such as redevelopment of an area, the Group has provided payment guarantees of ₩ 493,346 million (2019: ₩ 538,286 million) within the limit of ₩ 1,202,544 million (2019: ₩ 688,400 million) through agreements with refurbishment project cooperatives as of December 31, 2020.
- (4) As of December 31, 2020, for the Group's investees incorporated under the Act on Private Investment in Social Overhead Capital, the Group has provided payment guarantees of ₩ 651,837 million (2019: ₩ 527,839 million) within the limit of ₩ 2,832,664 million (2019: ₩ 2,837,707 million) provided together with its partners, and pledged investments with a carrying value of ₩ 374,796 million (2019: ₩ 222,862 million) as collateral as of December 31, 2020. Also, the Group and its partners have provided put options and other commitments of ₩ 270,828 million (₩ 62,324 million after considering the Group's ownership) (2019: ₩ 270,828 million (₩ 63,250 million after considering the Group's ownership)) to the financial investor and others.
- (5) As of December 31,2020, the Group has provided construction completion commitments of  $\mbox{$\%$}$  3,668,845 million (2019:  $\mbox{$\%$}$  2,018,401 million) for construction owners up to  $\mbox{$\%$}$  4,889,410 million (2019:  $\mbox{$\%$}$  3,125,173 million).
- (6) As of December 31, 2020, the Group has provided 23 blank checks and 36 notes amounting to  $\forall$  471,961 million (2019: 22 blank checks and 42 notes amounting to  $\forall$  443,031 million) in face value as collateral to guarantee its construction contracts.
- (7) As of December 31, 2020, the Group has entered into an interest-free loan agreement amounting to  $\forall$  7,464,761 million ( $\forall$  5,770,348 million after considering the Group's ownership) (2019:  $\forall$  7,043,622 million ( $\forall$  5,407,800 million after considering the Group's ownership)) in relation to the Group's refurbishment projects in progress. In addition, the Group has entered into an interest-bearing

loan agreement amounting to  $\forall$  10,704,496 million ( $\forall$  7,704,146 million after considering the Group's ownership) (2019:  $\forall$  10,310,948 million ( $\forall$  7,672,745 million after considering the Group's ownership)) in relation to the refurbishment projects. There are 16 other interest-bearing loan agreements without limit. Meanwhile, the Group has entered into a loan agreement amounting to  $\forall$  26,104 million (2019:  $\forall$  19,878 million) in relation to outsourcing business.

- (8) The Group is involved in 109 lawsuits with aggregated claims sued by the Group amounting to  $\forall$  872,011 million after considering the Group's ownership with total amount of  $\forall$  1,449,527 million (2019: 85 litigations amounting to  $\forall$  849,360 million after considering the Group's ownership with total amount of  $\forall$  1,004,322 million), and 144 lawsuits with aggregated claims against the Group amounting to  $\forall$  625,116 million after considering the Group's ownership with total amount of  $\forall$  1,656,397 million (2019: 115 litigations amounting to  $\forall$  1,089,880 million after considering the Group's ownership with total amount of  $\forall$  1,465,101 million) as the defendant. As of December 31, 2020, the outcome of these cases cannot be reasonably determined.
- (9) As of December 31, 2020, the Group provided payment guarantees of  $\forall$  1,351,200 million (2019:  $\forall$  1,472,208 million) within the guarantee limit of  $\forall$  1,571,250 million (2019:  $\forall$  1,678,188 million) through agreements with financial institutions for the borrowings of the developers of the construction projects. Details of guaranteed borrowings are ABCP and ABSTB amounting to  $\forall$  1,030,100 million (2019:  $\forall$  1,197,108 million) within the guarantee limit of  $\forall$  1,155,720 million (2019:  $\forall$  1,333,488 million) and other PF loans amounting to  $\forall$  321,100 million (2019:  $\forall$  278,100 million) within the guarantee limit of  $\forall$  415,530 million (2019:  $\forall$  344,700 million), respectively (excluding borrowings for intermediate payments, relocation expenses, completion guarantee, SOC and others).

Major guarantees for the developers' debts that the Group provided as of December 31, 2020, are as follows:

(in millions of Korean won)

| Location             | Creditor            | b | Loan<br>palance |   | aranteed<br>imount | Details        | Loan period     | Туре                        |
|----------------------|---------------------|---|-----------------|---|--------------------|----------------|-----------------|-----------------------------|
| Gyeonggi province    | Security            | ₩ | 274,300         | ₩ | 211,000            | Debt guarantee | 2020-08~2021-02 | ABCP(ABSTB)                 |
| Busan                | Security and others |   | 247,900         |   | 213,400            | Debt guarantee | 2020-04~2021-08 | ABCP(ABSTB) and other loans |
| Gyeonggi province    | Security and others |   | 239,630         |   | 202,100            | Debt guarantee | 2020-03~2021-09 | ABCP(ABSTB) and other loans |
| Gyeonggi province    | Security            |   | 159,000         |   | 159,000            | Debt guarantee | 2020-10~2021-01 | ABCP(ABSTB)                 |
| Daegu                | Security            |   | 156,000         |   | 120,000            | Debt guarantee | 2020-03~2021-06 | ABCP(ABSTB)                 |
| Incheon              | Security            |   | 70,700          |   | 66,700             | Debt guarantee | 2020-07~2021-03 | ABCP(ABSTB)                 |
| Chungcheong province | Security            |   | 64,100          |   | 64,100             | Debt guarantee | 2020-03~2021-03 | ABCP(ABSTB)                 |
| Jeolla province      | Security            |   | 60,000          |   | 60,000             | Debt guarantee | 2020-09~2021-05 | ABCP(ABSTB)                 |
| Gyeonggi province    | Bank                |   | 68,900          |   | 53,000             | Debt guarantee | 2020-07~2021-03 | Other loans                 |
| Gyeonggi province    | Security            |   | 58,320          |   | 36,000             | Debt guarantee | 2020-11~2022-05 | ABCP(ABSTB)                 |

- (10) As of December 31, 2020, the Group has provided payment guarantees to the Korea Securities Finance Corporation by June 2, 2021 for the employees' personal loan for acquiring their company's share.
- (11) The Group has entered into an operating lease contract for 20 years for the rental of Gran Seoul from Kocref Chungjin No.18 Entrust Management Real Estate Investment Group in 2014. The Group does not hold any purchase option to purchase the leased building upon maturity of the lease period in relation to the contracts above.
- (12) In relation to the commitments and contingencies above, the Group may be required to make accelerated repayments or provide additional guarantees for the borrowings, payment guarantees, and major lease agreements under the contract if the credit rating of unsecured bonds issued by the Group falls below a certain level. The major trigger provisions are maintaining debt to equity ratio below 300%, EBITDA/interest rate below 200%, minimum credit rating A, non-guaranteed debenture rating of BBB+, and others. As of December 31, 2020, the credit rating of unsecured bonds is unlikely to be downgraded.
- (13) GS Inima Environment S.A.U., a subsidiary, borrowed funds from financial institutions in relation to the Service Concession Arrangements. Cash flows from the Service Concession Arrangements and equity securities are pledged as collateral for the repayments of the borrowings. In addition, the Group has an obligation to supplement the funds for certain borrowings' repayments.

#### 22. Share Capital and Share Premium

(1) Details of share capital as of December 31, 2020 and 2019, are as follows

| (in millions of Korean won) | 2020                          | 2019                          |
|-----------------------------|-------------------------------|-------------------------------|
| Authorized shares           | 200 000 000 abaras            | 200 000 000 shares            |
| Par value per share         | 200,000,000 shares<br>₩ 5,000 | 200,000,000 shares<br>₩ 5,000 |
| Outstanding shares          | 80,708,203 shares             | 80,097,804 shares             |
| Share capital               | ₩ 403,541 million             | ₩ 400,489 million             |

(2) Details of share premium as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)        | 2020 |         | 2019 |         |
|------------------------------------|------|---------|------|---------|
| Gain on disposal of treasury stock | ₩    | 2,384   | ₩    | 2,384   |
| Additional paid-in capital         |      | 796,463 |      | 783,111 |
| Gain on business combination       |      | 15,002  |      | 15,002  |
| Other share premium                |      | 1,827   |      | 1,797   |
|                                    | ₩    | 815,676 | ₩    | 802,294 |

(3) Details of other equity components as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)    | 2020 |          |   | 2019     |  |  |
|--------------------------------|------|----------|---|----------|--|--|
| Treasury stock <sup>1</sup>    | ₩    | (36,443) | ₩ | (36,443) |  |  |
| Hybrid securities <sup>2</sup> |      | -        |   | 27,015   |  |  |
| Others                         |      | (273)    |   |          |  |  |
|                                | ₩    | (36,716) | ₩ | (9,428)  |  |  |

<sup>&</sup>lt;sup>1</sup> To stabilize the Group's share price, the Group purchased 692,595 shares of own stock and recognized the acquisition in other components of equity as of December 31, 2020.

(4) Details of other comprehensive loss as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)  |   | 2020      |   | 2019     |
|--|---|-----------|---|----------|
| Loss on valuation of derivative instruments  Loss on exchange differences on translations of foreign | ₩ | (4,576)   | ₩ | (11,801) |
| operations   |   | (111,995) |   | (35,330) |
| Share of other comprehensive income of associates  |   | (821)     |   | 1,095    |
|  | ₩ | (117,392) | ₩ | (46,036) |

<sup>&</sup>lt;sup>2</sup> Hybrid securities were fully redeemed during the year ended December 31, 2020.

### 23. Retained Earnings

(1) Retained earnings as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                                | 2020 |           |   | 2019      |
|--|------|-----------|---|-----------|
| Legal reserves Appropriated retained earnings for business | ₩    | 99,856    | ₩ | 91,494    |
| stabilization  |      | 1,004,653 |   | 884,653   |
| Other voluntary reserves                                   |      | 1,896,270 |   | 1,669,391 |
| Remeasurements of the net defined benefit liability        |      | (52,266)  |   | (68,819)  |
| Other consolidated retained earnings                       |      | 76,773    |   | 64,616    |
| Unappropriated retained earnings                           |      | 50,824    |   | 186,028   |
|  | ₩    | 3,076,110 | ₩ | 2,827,363 |

(2) Changes in retained earnings for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                                 |   | 2020      | 2019 |           |  |
|---|---|-----------|------|-----------|--|
| Beginning balance   | ₩ | 2,827,363 | ₩    | 2,487,073 |  |
| Effect of changes in accounting policy                      |   | -         |      | (6,232)   |  |
| Annual dividends  |   | (79,405)  |      | (78,743)  |  |
| Profit attributable to equity holders of the Parent Company |   | 311,695   |      | 443,360   |  |
| Remeasurements of the net defined benefit liability         |   | 16,553    |      | (14,271)  |  |
| Others  |   | (96)      |      | (3,824)   |  |
| Ending balance  | ₩ | 3,076,110 | ₩    | 2,827,363 |  |

(3) Dividends paid during the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won, except per share) | xcept per share) 2020 |             |       | 2019          |
|---|-----------------------|-------------|-------|---------------|
| Type of shares                                | Ordir                 | nary shares | Or    | dinary shares |
| Total number of shares issued                 | 80,097,               | 804 shares  | 79,43 | 35,797 shares |
| Number of shares                              | 79,405,               | 209 shares  | 78,74 | 3,202 shares  |
| Dividends per share                           | ₩                     | 1,000       | ₩     | 1,000         |
| Total dividends                               | ₩                     | 79,405      | ₩     | 78,743        |

### 24. Earnings per Share

Basic and diluted earnings per share of equity holders of the Group for the years ended December 31, 2020 and 2019, are as follows:

| (in Korean won and in shares)  | 2020              | 2019              |
|--|-------------------|-------------------|
| Profit attributable to equity holders of the parent Company <sup>1</sup> Diluted effect: | ₩ 311,297,494,898 | ₩ 442,565,074,982 |
| Profit related to convertible bonds <sup>2</sup>   | 1,283,439,421     | 1,497,942,855     |
| Profit related to hybrid securities <sup>2</sup>   | 298,257,750       | 592,538,730       |
| Loss related to foreign currency convertible bonds <sup>3</sup>                          |                   | (15,286,893,373)  |
| Diluted profit for the year attributable to equity holders                               | ₩ 312,879,192,069 | ₩ 429,368,663,194 |
| Weighted average number of ordinary shares in issue <sup>4</sup> Diluted effect:         | 79,433,384        | 79,170,815        |
| Convertible bonds  | 2,395,454         | 2,558,449         |
| Hybrid securities  | 194,905           | 692,595           |
| Foreign currency convertible bonds   |                   | 2,664,967         |
|  | 82,023,743        | 85,086,826        |
| Basic earnings per share   | ₩ 3,919           | ₩ 5,590           |
| Diluted earnings per share   | 3,814             | 5,046             |

<sup>&</sup>lt;sup>1</sup> Excludes interest payment of the hybrid securities.

<sup>&</sup>lt;sup>4</sup> Details of calculation of the weighted average number of ordinary shares outstanding for the years ended December 31, 2020 and 2019, are as follows:

| (in shares)   | 2                | 2020                                 | 2019             |                                   |
|---|------------------|--------------------------------------|------------------|-----------------------------------|
|   | Number of shares | Number of shares<br>* number of days | Number of shares | Number of shares * number of days |
| Beginning<br>Conversion of convertible                    | 80,097,804       | 29,315,796,264                       | 79,435,797       | 28,994,065,905                    |
| bonds   | 610,399          | 10,311,948                           | 662,007          | 156,078,763                       |
| Treasury stock  | (692,595)        | (253,489,770)                        | (692,595)        | (252,797,175)                     |
|   |                  | 29,072,618,442                       |                  | 28,897,347,493                    |
| Weighted average number of<br>ordinary shares outstanding |                  | 79,433,384                           |                  | 79,170,815                        |

<sup>&</sup>lt;sup>2</sup> The amount is after deducting the income tax effect.

<sup>&</sup>lt;sup>3</sup> Potential ordinary shares with anti-dilutive effect, which was excluded from calculation of diluted earnings per share

### 25. Selling and General Administrative Expenses

Selling and general administrative expenses for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)               | 2020 |         |   | 2019    |
|---|------|---------|---|---------|
| Salaries                                  | ₩    | 264,200 | ₩ | 293,776 |
| Pension benefits                          |      | 25,029  |   | 19,279  |
| Employee welfare benefits                 |      | 38,098  |   | 31,903  |
| Taxes and dues                            |      | 22,204  |   | 19,451  |
| Commissions                               |      | 114,677 |   | 121,102 |
| Rents                                     |      | 6,835   |   | 5,499   |
| Depreciation                              |      | 9,129   |   | 6,355   |
| Amortization                              |      | 16,947  |   | 4,834   |
| Depreciation of investment properties     |      | 15      |   | 15      |
| Depreciation of right-of-use assets       |      | 23,776  |   | 21,669  |
| Advertising                               |      | 21,533  |   | 27,104  |
| Bad debt expenses                         |      | 184,652 |   | 17,227  |
| Development                               |      | 24,162  |   | 32,973  |
| Warranty                                  |      | 6,302   |   | 4,427   |
| Insurance premium                         |      | 10,192  |   | 8,888   |
| Travel                                    |      | 3,572   |   | 8,141   |
| Reversal of financial guarantee liability |      | -       |   | (897)   |
| Others                                    |      | 13,367  |   | 8,855   |
|   | ₩    | 784,690 | ₩ | 630,601 |

### 26. Other Operating Income and Expenses

(1) Other operating income for the years ended December 31, 2020 and 2019 are as follows:

| (in millions of Korean won)  | 2020 |         |   | 2019    |
|--|------|---------|---|---------|
| Gain on disposal of property, plant and equipment                          | ₩    | 844     | ₩ | 2,240   |
| Gain on disposal of intangible assets                                      |      | 1       |   | 99      |
| Gain on disposal of investment property                                    |      | 98      |   | 41      |
| Gain on changes in leases  |      | 168     |   | 563     |
| Gain on disposal of other assets   |      | 109     |   | 1,290   |
| Gain on foreign currency transactions                                      |      | 28,940  |   | 56,464  |
| Gain on foreign currency translation                                       |      | 10,183  |   | 47,362  |
| Reversal of allowance for bad debts  |      | 46,543  |   | 31,497  |
| Gain on valuation of derivatives   |      | 26,936  |   | 10,721  |
| Gain on derivatives transactions   |      | 33,095  |   | 9,072   |
| Gain on valuation of firm commitments                                      |      | -       |   | 54,791  |
| Gain on exchange differences on translations of foreign operations         |      | 10,728  |   | 6,838   |
| Dividend income  |      | 600     |   | 750     |
| Gain on valuation of financial assets at fair value through profit or loss |      | 55,662  |   | 1,299   |
| Gain on disposal of financial assets at fair value through profit or loss  |      | 52      |   | 2,642   |
| Miscellaneous gain and others  |      | 30,479  |   | 38,509  |
|  | ₩    | 244,438 | ₩ | 264,178 |

(2) Other operating expenses for the years ended December 31, 2020 and 2019 are as follows:

| (in millions of Korean won)  |   | 2020    |   | 2020    |  | 2019 |
|--|---|---------|---|---------|--|------|
| Loss on disposal of property, plant and equipment                          | ₩ | 2,225   | ₩ | 1,199   |  |      |
| Loss on disposal of intangible assets                                      |   | 16      |   | -       |  |      |
| Loss on disposal of investment properties                                  |   | -       |   | 19      |  |      |
| Impairment loss on investment properties                                   |   | 6,006   |   | 14,807  |  |      |
| Loss on changes in leases  |   | 8,053   |   | 31      |  |      |
| Loss on disposal of other assets   |   | 374     |   | 4,363   |  |      |
| Loss on foreign currency transactions                                      |   | 35,675  |   | 32,220  |  |      |
| Loss on foreign currency translation                                       |   | 133,422 |   | 21,629  |  |      |
| Bad debt expense   |   | 120,040 |   | 133,698 |  |      |
| Loss on valuation of derivatives   |   | 48,981  |   | 9,081   |  |      |
| Loss on derivatives transactions   |   | 33,464  |   | 86,295  |  |      |
| Loss on valuation of firm commitments                                      |   | -       |   | 15,312  |  |      |
| Loss on disposal of trade receivables                                      |   | -       |   | 1,946   |  |      |
| Loss on exchange differences on translations of foreign operations         |   | 18,968  |   | 10,688  |  |      |
| Loss on valuation of financial assets at fair value through profit or loss |   | 23,049  |   | 37,405  |  |      |
| Loss on disposal of financial assets at fair value through profit or loss  |   | 91      |   | -       |  |      |
| Miscellaneous loss and others  | - | 27,444  |   | 20,619  |  |      |
|  | ₩ | 457,808 | ₩ | 389,312 |  |      |

### 27. Finance Income and Costs

(1) Finance income for the years ended December 31, 2020 and 2019 are as follows:

| (in millions of Korean won)  | 2020 |         |   | 2019    |
|--|------|---------|---|---------|
| Interest income  | ₩    | 41,868  | ₩ | 49,761  |
| Gain on foreign currency transactions                                      |      | 34,863  |   | 30,029  |
| Gain on foreign currency translation                                       |      | 78,376  |   | 21,978  |
| Gain on valuation of financial assets at fair value through profit or loss |      | 70      |   | -       |
| Gain on disposal of financial assets at fair value through profit or loss  |      | -       |   | 8,383   |
| Gain on valuation of derivatives   |      | 8,356   |   | 33,173  |
| Gain on disposal of investments in associates                              |      | 202     |   | -       |
| Reversal of financial guarantee liabilities                                |      | 46,585  |   | 117,118 |
|  | ₩    | 210,320 | ₩ | 260,442 |

(2) Finance costs for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)  |   | 2020    | 2019 |         |  |  |
|--|---|---------|------|---------|--|--|
| Interest expenses  | ₩ | 115,201 | ₩    | 147,136 |  |  |
| Financial guarantee expenses   |   | 297     |      | -       |  |  |
| Loss on foreign currency transaction   |   | 49,612  |      | 57,750  |  |  |
| Loss on foreign currency translation   |   | 26,974  |      | 16,621  |  |  |
| Loss on valuation of financial assets at fair value through profit or loss  Loss on disposal of financial assets at fair value |   | 169     |      | 667     |  |  |
| through profit or loss   |   | 4,791   |      | 1,705   |  |  |
| Loss on valuation of derivatives   |   | 23,648  |      | -       |  |  |
| Loss on redemption of debentures   |   | 411     |      | -       |  |  |
| Loss on disposal of investments in associates  |   | 1,667   |      | 1,307   |  |  |
| Impairment loss on investments in associates   |   |         |      | 750     |  |  |
|  | ₩ | 222,770 | ₩    | 225,936 |  |  |

### 28. Income Tax

(1) Income tax expense for the years ended December 31, 2020 and 2019, consists of the following:

| (in millions of Korean won)                        |   | 2020      | 2019 |         |  |  |
|--|---|-----------|------|---------|--|--|
|  |   |           |      |         |  |  |
| Current tax:                                       |   |           |      |         |  |  |
| Current tax on profits for the year                | ₩ | 316,689   | ₩    | 182,941 |  |  |
| Adjustments in respect of the prior year           |   | (33,817)  |      | 23,895  |  |  |
| Total current tax                                  |   | 282,872   |      | 206,836 |  |  |
| Deferred tax:                                      |   |           |      |         |  |  |
| Origination and reversal of temporary differences  |   | (113,725) |      | 22,287  |  |  |
| Total income tax expense                           | ₩ | 169,147   | ₩    | 229,123 |  |  |
| Income tax charged directly to equity <sup>1</sup> | ₩ | (19,617)  | ₩    | 2,868   |  |  |
| Income tax expense                                 |   | 188,764   |      | 226,255 |  |  |

<sup>&</sup>lt;sup>1</sup> Income tax credited (charged) directly to equity as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)  | 2020 |          |                                |          |          | 2019       |     |                           |     |         |         |          |
|--|------|----------|--------------------------------|----------|----------|------------|-----|---------------------------|-----|---------|---------|----------|
|  | Bet  | fore tax | Tax<br>(charge)<br>credit Afte |          | fter tax | Before tax |     | Tax<br>(charge)<br>credit |     | Af      | ter tax |          |
| Share of other comprehensive income  | ₩    | (1,803)  | ₩                              | 114      | ₩        | (1,917)    | ₩   | -                         | ₩   | -       | ₩       | -        |
| Gain or loss on valuation of derivatives                                   |      | 6,089    |                                | 1,788    |          | 4,301      |     | 8,640                     |     | 2,191   |         | 6,449    |
| Gain or loss on exchange differences on translations of foreign operations | (    | 129,767) |                                | (27,079) |          | (102,688)  |     | 26,604                    |     | 7,792   |         | 18,812   |
| Remeasurements of net defined benefit pension plans                        | `    | 21,799   |                                | 5,567    |          | 16,232     |     | (19,443)                  |     | (4,948) |         | (14,495) |
| Consideration for conversion rights  |      | (26)     |                                | (7)      |          | (19)       |     | (134)                     |     | (34)    |         | (100)    |
| Retained earnings  |      | 102 700) | 744                            | (10.617) | <u> </u> | (94,004)   | 144 | 15 667                    | 744 | (2,133) |         | 2,133    |
|  | ۷۷ ( | 103,708) | ₩                              | (19,617) | ₩        | (84,091)   | ₩   | 15,667                    | ₩   | 2,868   | ₩       | 12,799   |

(2) A reconciliation between profit before tax at the Korea statutory tax rate to income tax expense at the effective income tax rate of the Group as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)   |   | 2020    | 2019 |         |  |
|---|---|---------|------|---------|--|
| Profit before tax  Tax calculated at domestic tax rates applicable to | ₩ | 518,440 | ₩    | 673,734 |  |
| profits in the respective countries  Tax effects of:                  |   | 132,202 |      | 171,802 |  |
| Income not subject to tax   |   | 1       |      | -       |  |
| Expenses not deductible for tax purposes                              |   | 5,106   |      | 10,466  |  |
| Foreign income tax expense  |   | 23,159  |      | 7,268   |  |
| Others  |   | 28,296  |      | 36,719  |  |
| Adjustment in respect of prior years                                  |   | 56,562  |      | 54,453  |  |
| Income tax expense  | ₩ | 188,764 | ₩    | 226,255 |  |

(3) The gross balances of deferred tax assets and liabilities as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)  | 2020 |           |   | 2019      |
|--|------|-----------|---|-----------|
| Deferred tax assets  Deferred tax asset to be recovered after more than 12 |      |           |   |           |
| months   | ₩    | 750,438   | ₩ | 677,183   |
| Deferred tax asset to be recovered within 12 months                        |      | 455,693   |   | 417,509   |
|  |      | 1,206,131 |   | 1,094,692 |
| Deferred tax liabilities   |      |           |   |           |
| Deferred tax liability to be recovered after more than                     |      |           |   |           |
| 12 months  |      | 277,797   |   | 261,581   |
| Deferred tax liability to be recovered within 12 months                    |      | 121,754   |   | 116,598   |
|  |      | 399,551   |   | 378,179   |
| Deferred tax assets, net   | ₩    | 806,580   | ₩ | 716,513   |
|  |      |           |   |           |

(4) The movements in deferred tax assets and liabilities for the years ended December 31, 2020 and 2019, without taking into consideration the offsetting of balances within the same tax jurisdiction, are as follows:

| (in millions of Korean won)  | 2020                             |           |          |   |                         |   |                  |   |           |
|--|----------------------------------|-----------|----------|---|-------------------------|---|------------------|---|-----------|
|  | Beginning balance Profit or loss |           | Equity   |   | Change in consolidation |   | inding<br>alance |   |           |
| Deferred tax liabilities   |                                  |           |          |   |                         |   |                  |   |           |
| Reserve for revaluation  | ₩                                | 44,436    | ₩ -      | ₩ | -                       | ₩ | -                | ₩ | 44,436    |
| Deposits for severance benefits                                      |                                  | 109,853   | 4,380    |   | 234                     |   | -                |   | 114,467   |
| Gain or loss on valuation of derivatives                             |                                  | 1,498     | -        |   | 14,191                  |   | -                |   | 15,689    |
| Accrued interest on loans  |                                  | 8,857     | 982      |   | -                       |   | -                |   | 9,839     |
| Inventory construction interest                                      |                                  | 9,357     | (135)    |   | -                       |   | -                |   | 9,222     |
| Gain on exchange differences on                                      |                                  |           |          |   | ,                       |   |                  |   |           |
| translations of foreign operations                                   |                                  | 58,591    | -        |   | (21,869)                |   | -                |   | 36,722    |
| Others   |                                  | 136,489   | 8,374    |   | (7)                     |   | -                |   | 144,856   |
| Consolidation adjustment   |                                  | 9,098     | (8,476)  |   |                         |   | 23,698           |   | 24,320    |
|  | -                                | 378,179   | 5,125    |   | (7,451)                 |   | 23,698           |   | 399,551   |
| Deferred tax assets  |                                  |           |          |   |                         |   |                  |   |           |
| Reversal of allowance for bad debts                                  |                                  | 238,666   | 30,141   |   | -                       |   | -                |   | 268,807   |
| Gain or loss on valuation of derivatives                             |                                  | 7,665     | 1,992    |   | 12,403                  |   | -                |   | 22,060    |
| Provisions   |                                  | 147,406   | 65,030   |   | -                       |   | -                |   | 212,436   |
| Allowance for pension benefits Share of profit or loss of associates |                                  | 122,467   | 4,111    |   | (5,333)                 |   | -                |   | 121,245   |
| and joint ventures   |                                  | 23,991    | 5,809    |   | -                       |   | -                |   | 29,800    |
| Impairment loss on assets Loss on exchange differences on            |                                  | 71,965    | 21,247   |   | -                       |   | -                |   | 93,212    |
| translations of foreign operations                                   |                                  | 71,991    | -        |   | 5,210                   |   | _                |   | 77,201    |
| Others   |                                  | 81,001    | (10,263) |   | -                       |   | _                |   | 70,738    |
| Consolidation adjustment   |                                  | 329,540   | (18,834) |   | (114)                   |   | 40               |   | 310,632   |
|  |                                  | 1,094,692 | 99,233   |   | 12,166                  |   | 40               |   | 1,206,131 |
| Deferred tax assets (liabilities), net                               | ₩                                | 716,513   | ₩ 94,108 | ₩ | 19,617                  | ₩ | (23,658)         | ₩ | 806,580   |

| (in millions of Korean won)                                      | 2019 |                     |           |              |   |         |   |          |   |           |  |        |  |                         |  |                  |
|--|------|---------------------|-----------|--------------|---|---------|---|----------|---|-----------|--|--------|--|-------------------------|--|------------------|
|  |      | eginning<br>palance | Profit or | oss          |   | Equity  |   | Equity   |   | Equity    |  | Equity |  | Change in consolidation |  | inding<br>alance |
| Deferred tax liabilities   |      |                     |           |              |   |         |   |          |   |           |  |        |  |                         |  |                  |
| Reserve for revaluation  | ₩    | 44,436              | ₩         | -            | ₩ | -       | ₩ | -        | ₩ | 44,436    |  |        |  |                         |  |                  |
| Deposits for severance benefits                                  |      | 94,902              | 14        | ,991         |   | (40)    |   | -        |   | 109,853   |  |        |  |                         |  |                  |
| Gain or loss on valuation of derivatives                         |      | 400                 |           | -            |   | 1,098   |   | -        |   | 1,498     |  |        |  |                         |  |                  |
| Accrued interest on loans  |      | 7,905               |           | 952          |   | -       |   | -        |   | 8,857     |  |        |  |                         |  |                  |
| Depreciation filing adjustment                                   |      | 1,344               | (1,       | 344)         |   | -       |   | -        |   | -         |  |        |  |                         |  |                  |
| Inventory construction interest Gain on exchange differences on  |      | 10,068              | (         | 711)         |   | -       |   | -        |   | 9,357     |  |        |  |                         |  |                  |
| translations of foreign operations                               |      | 50,558              |           | -            |   | 8,033   |   | -        |   | 58,591    |  |        |  |                         |  |                  |
| Others   |      | 93,073              | (         | 124)         |   | (192)   |   | 43,732   |   | 136,489   |  |        |  |                         |  |                  |
| Consolidation adjustment   |      | 16,055              | (6,       | 957)         |   | -       |   | -        |   | 9,098     |  |        |  |                         |  |                  |
|  |      | 318,741             | 6         | ,807         |   | 8,899   |   | 43,732   |   | 378,179   |  |        |  |                         |  |                  |
| Deferred tax assets  |      |                     |           |              |   |         |   |          |   |           |  |        |  |                         |  |                  |
| Reversal of allowance for bad debts Gain or loss on valuation of |      | 219,610             | 19        | ,056         |   | -       |   | -        |   | 238,666   |  |        |  |                         |  |                  |
| derivatives  |      | 8,534               |           | 224          |   | (1,093) |   | _        |   | 7,665     |  |        |  |                         |  |                  |
| Provisions   |      | 151,169             | (3,       | 763)         |   | _       |   | _        |   | 147,406   |  |        |  |                         |  |                  |
| Allowance for pension benefits                                   |      | 106,984             | 10        | ,575         |   | 4,908   |   | _        |   | 122,467   |  |        |  |                         |  |                  |
| Share of profit or loss of associates                            |      |                     |           |              |   |         |   |          |   |           |  |        |  |                         |  |                  |
| and joint ventures   |      | 14,759              | 9         | ,232         |   | -       |   | -        |   | 23,991    |  |        |  |                         |  |                  |
| Impairment loss on assets Loss on exchange differences on        |      | 71,965              |           | -            |   | -       |   | -        |   | 71,965    |  |        |  |                         |  |                  |
| translations of foreign operations                               |      | 71,751              |           | -            |   | 240     |   | -        |   | 71,991    |  |        |  |                         |  |                  |
| Others   |      | 134,358             | (55,      | 333)         |   | 1,976   |   | -        |   | 81,001    |  |        |  |                         |  |                  |
| Consolidation adjustment   |      | 322,142             | 7         | ,398         |   |         |   |          |   | 329,540   |  |        |  |                         |  |                  |
|  |      | 1,101,272           | (12       | 611 <u>)</u> |   | 6,031   |   | -        |   | 1,094,692 |  |        |  |                         |  |                  |
| Deferred tax assets (liabilities), net                           | ₩    | 782,531             | ₩ (19,    | 418)         | ₩ | (2,868) | ₩ | (43,732) | ₩ | 716,513   |  |        |  |                         |  |                  |

<sup>(5)</sup> Details of unrecognized deductible (taxable) temporary differences as deferred tax assets (liabilities) as of December 31, 2020, are as follows:

| (in millions of Korean won) |   | e temporary<br>s and others | Reason                                |
|-----------------------------|---|-----------------------------|---------------------------------------|
| Foreign income tax expense  | ₩ | 5,934                       | Uncertainty of feasibility and others |

### 29. Expenses Classified by Nature

Expenses classified by nature for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)       |   | 2019      |   |           |
|-----------------------------------|---|-----------|---|-----------|
| Labor cost                        | ₩ | 1,103,012 | ₩ | 1,188,728 |
| Materials                         |   | 2,045,144 |   | 2,336,357 |
| Outsourcing                       |   | 3,937,478 |   | 4,182,226 |
| Employee welfare benefits         |   | 136,193   |   | 125,216   |
| Bad debt expense                  |   | 184,652   |   | 17,249    |
| Rents                             |   | 70,687    |   | 63,186    |
| Depreciation and amortization     |   | 80,225    |   | 51,209    |
| Taxes and dues                    |   | 114,513   |   | 144,257   |
| Service fees                      |   | 646,858   |   | 733,164   |
| Others                            |   | 963,533   |   | 658,492   |
| Changes in inventories and others |   | 90,238    |   | 149,239   |
|                                   | ₩ | 9,372,533 | ₩ | 9,649,323 |

The total amounts include cost of sales, selling and general administrative expenses.

#### 30. Related Party Transactions

Associates1

Joint ventures1

(1) Related parties are as follows:

### Relationship Related parties

GS KOCREF New Stay REIT Co., Ltd., Major Development Co., Ltd., FGS East Asia Technical Resource Management, Inc., SoBaek Co., Ltd, HyangSan 2 Urban Development Corp., Beopwon Industry Urban Development Corp., Yeouido MBC Site MXD PFV. Inc., PT. CORE RESOURCE, BKT Co., Ltd., Cheongju Hi Tech Valley, Gwancheon Sangsang PFV, Zero Tech Co., Ltd., Camp Stanton Co., Ltd., Cheonan Techno Park Inc., ORIGIN LATPHRA CO.,LTD3,

RENEW SOLAR ENERGY (JHARKHAND THREE) PRIVATE LIMITED3, PARK PILLAR R4 CO., LTD3,

GYEONGGIPYEONGTAEK GLOBAL CO.,LTD3, Jincheon smart bokhap industrial danji development Co.,LTD3, GS Collective Fund I LLC3, EPOCH PFV Co., LTD3, CHEMICO ADVANCED MATERIALS CO.,LTD3, Jerotaekmuan Co.,LTD3, PT. CORE RESOURCE INDONESIA, Cadiz San Fernando, A.I.E., Gestion de Participes de

Biorreciclaje, Participes de Biorreciclaje S.A.

G&M Estate Co., Ltd., PT. Daria Mulia Properti, GS Korea for

Project Management Company, GS MINH HUNG SIKICO CO.,LTD3,

Hialeah Water, LLP, Lignana LLC3, Lignana LLP3

GS Holdings, GS Retail Co., Ltd., GS Global Corp., Others<sup>2</sup>

Samyangtongsang Ltd., GS Home Shopping Inc., GS Energy Corporation, GS Power Co., Ltd., Boryeong LNG Terminal Co., Ltd.,

GS Park 24 Co., Ltd., Incheon Total Energy Co., GS-Caltex

Corporation, Inno Polytech Corporation, GS Mbiz Co., Ltd., Sangji Shipping Co., Ltd., GS BIO Co., Ltd., GS EcoMetal Co., Ltd., Fresh Serve CO., Ltd., GS Netvision Co., Ltd., CVS net Co., Ltd., Parnas

Hotel Co., Ltd., PNS Co., Ltd., GSNetworks Co., Ltd., GS

Teleservices Co., Ltd., TenByTen Inc., GS EPS Co., Ltd., PLS Co., Ltd., GS ENTEC Corp., GS E&R Corp., Donghae green energy Co., Ltd., GS Yeoyang Windpower Co., Ltd., GS Donghae Electric Power Co., Ltd., GS Pocheon Green Energy Corp., Yeongyang Wind Power Corporation-2, Gumi green Energe Co., Ltd., Yeongdeok Windpower Corporation 1 Co., Ltd., Samcheok Green Energy Park Co..Ltd., GS Sports Co., Ltd., Oksan Ochang Highway Corporation,

Eun Pyeong New Road Corp., Pusan New road Co., Ltd.,

GUMIMAKEUNMUL, GS Neotek, Samyang INT'L Co., Ltd., Boheun Development Co., Ltd., Chemtech International Co., Ltd., Oksan Distribution, Seungsan Group Corporation, Gaseung Development Company, Happening People Inc., Central Motors Corp., Winasset Co., Ltd., Sam Joung Development Co., Ltd., Procare Co., Ltd., Kyung Won Construction Co., Ltd., Donghae International Resources Terminal Co., Ltd., Epice Co., Ltd., Kclavis No.19 Professional Investment Type Private Real Estate Investment LLC<sup>4</sup>,

PANCOTEC LTD. 4, GS Dangjin Solarfarm Co.Ltd.4, Hanul Love

Co., Ltd.4, Gangnam Metro Co.,Ltd.4

<sup>&</sup>lt;sup>1</sup> Equity ownership information is disclosed in Note 12.

<sup>&</sup>lt;sup>2</sup> Although the entity is not the related party of the Group in accordance with Korean IFRS 1024, the entity belongs to a large enterprise group in accordance with the Monopoly Regulation and Fair Trade

Act. Electronic bills are provided to several entities to guarantee construction performance and others.

(2) Sales and purchases with related parties for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of                                      |         |                 |         | 2020     |                 |            |            |  |  |  |  |  |  |
|--|---------|-----------------|---------|----------|-----------------|------------|------------|--|--|--|--|--|--|
| Korean won)  | s       | ales and others | 3       | Pur      | chase and other | 's         |            |  |  |  |  |  |  |
|  |         | Other           |         |          | Other           |            | Changes in |  |  |  |  |  |  |
|  | Sales   | income          | Total   | Purchase | expenses        | Total      | ownership  |  |  |  |  |  |  |
| Associates   |         |                 |         |          |                 |            |            |  |  |  |  |  |  |
| GS KOCREF New Stay REIT                              | ₩ 1,688 | ₩ -             | ₩ 1,688 | ₩ -      | ₩ - ₩           | <b>≠</b> - | ₩ -        |  |  |  |  |  |  |
| Major Development Co., Ltd.                          | 16      | -               | 16      | -        | -               | -          | -          |  |  |  |  |  |  |
| FGS East Asia Technical<br>Resource Management, Inc. | -       | 42              | 42      | 5        | -               | 5          | -          |  |  |  |  |  |  |
| SoBaek Co., Ltd.                                     | -       | 413             | 413     | -        | -               | -          | -          |  |  |  |  |  |  |
| Beopwon Industry Urban Development Corp.             | 8,073   | -               | 8,073   | 10       | -               | 10         | -          |  |  |  |  |  |  |
| Yeouido MBC Site MXD PFV. Inc                        | 40,847  | 194             | 41,041  | 144      | -               | 144        | -          |  |  |  |  |  |  |
| PT. CORE RESOURCE                                    | -       | 257             | 257     | -        | _               | -          | -          |  |  |  |  |  |  |
| Gwancheon Sangsang PFV                               | 348     | 594             | 942     | -        | _               | -          | -          |  |  |  |  |  |  |
| Zero Tech Co., Ltd.                                  | _       | 71              | 71      | -        | -               | -          | -          |  |  |  |  |  |  |
| ORIGIN LATPHRA CO.,LTD.                              | -       | -               | -       | -        | _               | -          | 7,102      |  |  |  |  |  |  |
| RENEW SOLAR ENERGY<br>(JHARKHAND THREE)              |         |                 |         |          |                 |            |            |  |  |  |  |  |  |
| PRIVATE LIMITED                                      | -       | -               | -       | -        | -               | -          | 13,413     |  |  |  |  |  |  |
| PARK PILLAR R4 CO., LTD.                             | -       | -               | -       | -        | -               | -          | 10,611     |  |  |  |  |  |  |
| GYEONGGIPYEONGTAEK GLOBAL CO.,LTD.                   |         |                 |         |          | _               |            | 1,305      |  |  |  |  |  |  |
| Jincheon smart bokhap                                | _       | -               | _       | _        | _               | _          | 1,505      |  |  |  |  |  |  |
| industrial danji development                         |         |                 |         |          |                 |            |            |  |  |  |  |  |  |
| Co.,LTD  | -       | -               | -       | -        | -               | -          | 100        |  |  |  |  |  |  |
| GS Collective Fund I LLC                             | -       | -               | -       | -        | -               | -          | 1,201      |  |  |  |  |  |  |
| EPOCH PFV Co., LTD                                   | 640     | -               | 640     | -        | -               | -          | -          |  |  |  |  |  |  |
| CHEMICO ADVANCED                                     |         |                 |         |          |                 |            | 4.500      |  |  |  |  |  |  |
| MATERIALS CO.,LTD.  Jerotaekmuan Co.,LTD             | -       | -               | -       | -        | -               | -          | 1,500      |  |  |  |  |  |  |
| Tongjin Industry Complex CO.,                        | -       | 9               | 9       | -        | -               | -          | 2          |  |  |  |  |  |  |
| Ltd. <sup>1</sup>                                    | -       | -               | -       | -        | -               | -          | (10)       |  |  |  |  |  |  |
| Hakun 7 Industry Complex Co.,<br>Ltd. <sup>1</sup>   | -       | -               | -       | -        | -               | -          | (200)      |  |  |  |  |  |  |
| Joint ventures                                       |         |                 |         |          |                 |            |            |  |  |  |  |  |  |
| G&M Estate Co., Ltd.                                 | 247     | -               | 247     | 689      | -               | 689        | -          |  |  |  |  |  |  |
| GS MINH HUNG SIKICO                                  | -       | -               | -       | -        | -               | -          | 819        |  |  |  |  |  |  |

<sup>&</sup>lt;sup>3</sup> Newly acquired in 2020

<sup>&</sup>lt;sup>4</sup> Newly included as other related parties of the Group for the year ended December 31, 2020

| (in millions of                     |             |               |             | 2020     |               |          |            |
|-------------------------------------|-------------|---------------|-------------|----------|---------------|----------|------------|
| Korean won)                         | Sa          | les and other | rs          | Puro     | chase and oth | ners     |            |
|                                     |             | Other         |             |          | Other         |          | Changes in |
|                                     | Sales       | income        | Total       | Purchase | expenses      | Total    | ownership  |
| CO.,LTD.                            |             |               |             |          |               |          |            |
| Others                              |             |               |             |          |               |          |            |
| GS Holdings <sup>2</sup>            | 25          | -             | 25          | -        | 17,612        | 17,612   | -          |
| GS Retail Co., Ltd.                 | 383         | -             | 383         | 1,278    | 115           | 1,393    | -          |
| GS Global Corp.                     | 40          | -             | 40          | 3,896    | -             | 3,896    | -          |
| GS Home Shopping Inc.               | 669         | -             | 669         | -        | -             | -        | -          |
| GS Energy Corporation               | 283         | -             | 283         | 169      | -             | 169      | -          |
| GS Power Co., Ltd.                  | 129,629     | -             | 129,629     | 315      | -             | 315      | -          |
| Boryeong LNG Terminal Co.,          |             |               |             |          |               |          |            |
| Ltd.                                | 88,412      | -             | 88,412      | -        | -             | -        | -          |
| GS Park 24Co., Ltd.                 | 1,344       | -             | 1,344       | -        | -             | -        | -          |
| GS-Caltex Corporation               | 889,255     | -             | 889,255     | 11       | -             | 11       | -          |
| GS Mbiz Co., Ltd.                   | -           | -             | -           | 426      | -             | 426      | -          |
| Parnas Hotel Co., Ltd.              | 81,844      | -             | 81,844      | 71       | -             | 71       | -          |
| GS EPS Co., Ltd.                    | 76,174      | -             | 76,174      | 11       | -             | 11       | -          |
| GS ENTEC Corp.                      | -           | -             | -           | 784      | -             | 784      | -          |
| GS E&R Corp.                        | 2,953       | -             | 2,953       | -        | -             | -        | -          |
| GS Donghae Electric Power Co., Ltd. | 11,848      | -             | 11,848      | 70       | -             | 70       | -          |
| GS Pocheon Green Energy Corp.       | 13,296      | _             | 13,296      | _        | _             | _        | _          |
| GS Sports Ltd.                      | 605         | _             | 605         | _        | 5,918         | 5,918    | _          |
| Oksan Ochang Highway                | 003         | -             | 003         | -        | 3,910         | 3,910    | -          |
| Corporation                         | 3,574       | -             | 3,574       | -        | -             | -        | -          |
| Eun Pyeong New Road Corp.           | 1           | 11            | 12          | -        | -             | -        | -          |
| Pusan New Road Co., Ltd.            | 20,985      | -             | 20,985      | -        | -             | -        | -          |
| GUMIMAKEUNMUL Co., Ltd.             | 9,043       | -             | 9,043       | -        | -             | -        | -          |
| GS Neotek                           | 196         | -             | 196         | 1,581    | 249           | 1,830    | -          |
| Samyang INT'L Co., Ltd.             | -           | -             | -           | 11,858   | 36            | 11,894   | -          |
| Seungsan Group Corporation          | -           | -             | _           | -        | 15            | 15       | -          |
| Donghae International               |             |               |             |          |               |          |            |
| Resources Terminal Co., Ltd         | 2,565       | 12            | 2,577       | -        | -             | -        | 500        |
| Gangnam Metro Co.,Ltd.              |             |               |             |          |               |          | 20         |
|                                     | ₩ 1,384,983 | ₩ 1,603       | ₩ 1,386,586 | ₩ 21,318 | ₩ 23,945      | ₩ 45,263 | ₩ 36,363   |

<sup>&</sup>lt;sup>1</sup> The investee was disposed for the year ended December 31, 2020.

<sup>&</sup>lt;sup>2</sup> The amount includes the trademark agreement.

| (in millions of                            |              |                 |              | 2019     |                  |          |            |
|--|--------------|-----------------|--------------|----------|------------------|----------|------------|
| Korean won)                                | S            | ales and others |              | Pur      | chase and others |          |            |
|  |              | Other           |              |          | Other            | _        | Changes in |
|  | Sales        | income          | Total        | Purchase | expenses         | Total    | ownership  |
| Associates                                 |              |                 |              |          |                  |          |            |
| GS KOCREF New Stay REIT                    | ₩ 22         | ₩ - ₩           | 22           | ₩ -      | ₩ - ₩            | -        | ₩ -        |
| Major Development Co., Ltd.                | 11           | -               | 11           | -        | -                | -        | 750        |
| FGS East Asia Technical                    |              | 40              | 40           | 004      |                  | 201      | 40         |
| Resource Management, Inc.                  | -            | 49              | 49           | 264      | -                | 264      | 16         |
| SoBaek Co., Ltd.<br>Beopwon Industry Urban | -            | 621             | 621          | -        | -                | -        | -          |
| Development Corp.                          | 2,737        | -               | 2,737        | 20       | -                | 20       | -          |
| Yeouido MBC Site MXD PFV. Inc              | 20,414       | 221             | 20,635       | 743      | -                | 743      | -          |
| PT. CORE RESOURCE                          | -            | 242             | 242          | -        | -                | -        | 1,124      |
| BKT Co., Ltd                               | -            | -               | -            | -        | -                | -        | 18,000     |
| Cheongju High Tech Valley Co.,<br>Ltd      | -            | -               | -            | -        | -                | -        | 160        |
| Zero Tech Co., Ltd                         | -            | 23              | 23           | -        | -                | -        | 1          |
| Camp Stanton Co., Ltd                      | -            | -               | -            | -        | -                | -        | 3          |
| Cheonan Techno Park Inc.                   | -            | -               | -            | -        | -                | -        | 600        |
| Joint ventures                             |              |                 |              |          |                  |          |            |
| G&M Estate Co., Ltd.                       | 334          | -               | 334          | 515      | -                | 515      | -          |
| PT. Daria Mulia Properti                   | -            | -               | -            | -        | -                | -        | 6,974      |
| Others                                     |              |                 |              |          |                  |          |            |
| GS Holdings                                | 214          | -               | 214          | -        | 18,908           | 18,908   | -          |
| GS Retail Co., Ltd.                        | 431          | -               | 431          | 406      | 96               | 502      | -          |
| GS Global Corp.                            | 17           | -               | 17           | 13,053   | -                | 13,053   | -          |
| GS Home Shopping Inc.                      | 664          | -               | 664          | 2        | -                | 2        | -          |
| GS Energy Corporation                      | 430          | -               | 430          | 180      | -                | 180      | -          |
| GS Power Co., Ltd.                         | 104,974      | -               | 104,974      | 382      | -                | 382      | -          |
| Boryeong LNG Terminal Co.,                 | 00.440       |                 | 00.440       |          |                  |          |            |
| Ltd.<br>GS Park 24Co., Ltd.                | 83,419       | -               | 83,419       |          | -                | -        | -          |
| GS-Caltex Corporation                      | 1,455        | -               | 1,455        |          | 509              | 1 122    | -          |
| GS Mbiz Co., Ltd.                          | 392,083      | -               | 392,083      |          | 508              | 1,132    | -          |
| Parnas Hotel Co., Ltd.                     | 7 425        | -               | 7 425        |          | -                | 98       | -          |
| PNS Co., Ltd.                              | 7,425        | -               | 7,425        | 109<br>9 | -                | 109<br>9 | -          |
| GS EPS Co., Ltd.                           | -<br>135,455 | -<br>-          | -<br>135,455 |          | -<br>1           | 16       | _          |
| GS ENTEC Corp.                             | 100,400      | _               | 100,400      | 2,107    | '                | 2,107    |            |
| GS E&R Corp.                               | 2,783        |                 | 2,783        |          | _                | 2,107    | _          |
| GS Donghae Electric Power                  | 2,100        | _               | 2,700        | _        | -                | _        | _          |
| Co., Ltd.                                  | 21,871       | -               | 21,871       | 38       | -                | 38       | -          |
| GS Pocheon Green Energy                    | 14,901       | -               | 14,901       | -        | -                | -        | -          |
|  |              |                 |              |          |                  |          |            |

| (in millions of             |           |                 |           | 2019     |                |          |            |
|-----------------------------|-----------|-----------------|-----------|----------|----------------|----------|------------|
| Korean won)                 | Sa        | ales and others | s         | Pu       | rchase and oth | iers     |            |
|                             |           | Other           |           |          | Other          |          | Changes in |
|                             | Sales     | income          | Total     | Purchase | expenses       | Total    | ownership  |
| Corp.                       |           |                 |           |          |                |          |            |
| GS Sports Ltd.              | 564       | -               | 564       | 29       | 4,216          | 4,245    | -          |
| Oksan Ochang Highway        |           |                 |           |          |                |          |            |
| Corporation                 | 18,047    | -               | 18,047    | 82       | -              | 82       | -          |
| Eun Pyeong New Road Corp.   | 1         | 11              | 12        | -        | -              | -        | -          |
| Pusan New Road Co., Ltd.    | 5,249     | -               | 5,249     | -        | -              | -        | 6,997      |
| GUMIMAKEUNMUL Co., Ltd.     | 3,536     | -               | 3,536     | -        | -              | -        | -          |
| GS Neotek                   | 180       | -               | 180       | 9,622    | 826            | 10,448   | -          |
| Samyang INT'L Co., Ltd.     | -         | -               | -         | 10,205   | -              | 10,205   | -          |
| Seungsan Group Corporation  | -         | -               | -         | -        | 15             | 15       | -          |
| Donghae International       |           |                 |           |          |                |          |            |
| Resources Terminal Co., Ltd | -         | -               | -         | -        | -              | -        | 190        |
| GS ITM                      |           | -               |           | 167      | 42             | 209      |            |
|                             | ₩ 817,220 | ₩ 1,167         | ₩ 818,387 | ₩ 38,670 | ₩ 24,615       | ₩ 63,285 | ₩ 34,815   |

(3) Receivables and payables arising from related party transactions as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                            | 2020              |                   |         |        |                   |                   |       |  |  |
|--|-------------------|-------------------|---------|--------|-------------------|-------------------|-------|--|--|
|  |                   | Recei             | ivables |        |                   | Payables          |       |  |  |
|  | Trade receivables | Other receivables | Loans   | Total  | Trade<br>payables | Other<br>payables | Total |  |  |
| Associates   |                   |                   |         |        |                   |                   |       |  |  |
| FGS East Asia Technical<br>Resource Management, Inc.   | ₩ -               | ₩ 35              | ₩ 959   | ₩ 994  | ₩ -               | ₩ -               | ₩ -   |  |  |
| SoBaek Co., Ltd.                                       | -                 | 1,033             | 6,856   | 7,889  | -                 | -                 | -     |  |  |
| HyangSan 2 Urban<br>Development Corp.                  | -                 | -                 | -       | -      | -                 | 5                 | 5     |  |  |
| Beopwon Industry Urban<br>Development Corp.            | 11,408            | -                 | -       | 11,408 | -                 | -                 | -     |  |  |
| Yeouido MBC Site MXD PFV. Inc                          | 41,580            | -                 | -       | 41,580 | -                 | -                 | -     |  |  |
| PT. CORE RESOURCE                                      | -                 | 505               | 2,763   | 3,268  | -                 | -                 | -     |  |  |
| Gwancheon Sangsang PFV                                 | 347               | -                 | -       | 347    | -                 | -                 | -     |  |  |
| Zero Tech Co., Ltd.                                    | -                 | 95                | 1,550   | 1,645  | -                 | -                 | -     |  |  |
| Jerotaekmuan Co.,LTD                                   | -                 | 9                 | 1,463   | 1,472  | -                 | -                 | -     |  |  |
| Cadiz San Fernando, A.I.E.<br>Gestion de Participes de | 273               | -                 | -       | 273    | 1,085             | -                 | 1,085 |  |  |
| Biorreciclaje  | 80                | -                 | -       | 80     | -                 | -                 | -     |  |  |
| Participes de Biorreciclaje S.A.                       | 2,682             | -                 | -       | 2,682  | -                 | -                 | -     |  |  |

| (in millions of Korean won)         |                      |                   |          | 2020      |                   |          |          |  |  |  |  |  |  |  |
|-------------------------------------|----------------------|-------------------|----------|-----------|-------------------|----------|----------|--|--|--|--|--|--|--|
|                                     |                      | Receiv            | vables   |           |                   | Payables |          |  |  |  |  |  |  |  |
|                                     | Trade<br>receivables | Other receivables | Loans    | Total     | Trade<br>payables | Other    | Total    |  |  |  |  |  |  |  |
|                                     | receivables          | receivables       | Loans    | iotai     | payables          | payables | iotai    |  |  |  |  |  |  |  |
| Joint ventures                      |                      |                   |          |           |                   |          |          |  |  |  |  |  |  |  |
| G&M Estate Co., Ltd.                | -                    | 44                | -        | 44        | -                 | 60       | 60       |  |  |  |  |  |  |  |
| Others                              |                      |                   |          |           |                   |          |          |  |  |  |  |  |  |  |
| GS Holdings                         | 4                    | -                 | -        | 4         | -                 | 2,824    | 2,824    |  |  |  |  |  |  |  |
| GS Retail Co., Ltd.                 | -                    | 98                | -        | 98        | 348               | 4,152    | 4,500    |  |  |  |  |  |  |  |
| GS Global Corp.                     | 11                   | -                 | -        | 11        | -                 | 674      | 674      |  |  |  |  |  |  |  |
| GS Home Shopping Inc.               | 59                   | -                 | -        | 59        | -                 | 1,911    | 1,911    |  |  |  |  |  |  |  |
| GS Energy Corporation               | 5                    | 169               | -        | 174       | -                 | 4,061    | 4,061    |  |  |  |  |  |  |  |
| GS Power Co., Ltd.                  | 4,926                | -                 | -        | 4,926     | -                 | 1,790    | 1,790    |  |  |  |  |  |  |  |
| Boryeong LNG Terminal Co.,<br>Ltd.  | 4,496                | -                 | -        | 4,496     | -                 | 46,760   | 46,760   |  |  |  |  |  |  |  |
| GS Park 24Co., Ltd.                 | -                    | 117               | -        | 117       | -                 | -        | -        |  |  |  |  |  |  |  |
| GS-Caltex Corporation               | 2,281                | -                 | -        | 2,281     | _                 | 7,864    | 7,864    |  |  |  |  |  |  |  |
| GS Mbiz Co., Ltd.                   | -                    | -                 | -        | -         | 311               | -        | 311      |  |  |  |  |  |  |  |
| Parnas Hotel Co., Ltd.              | 15,906               | 90                | -        | 15,996    | 4                 | 1,599    | 1,603    |  |  |  |  |  |  |  |
| GS Teleservices Co., Ltd.           | -                    | -                 | -        | -         | -                 | 345      | 345      |  |  |  |  |  |  |  |
| GS EPS Co., Ltd.                    | 30,958               | -                 | -        | 30,958    | -                 | 10,974   | 10,974   |  |  |  |  |  |  |  |
| GS E&R Corp.                        | 269                  | -                 | -        | 269       | -                 | -        | -        |  |  |  |  |  |  |  |
| GS Donghae Electric Power Co., Ltd. | 1,165                | 8                 | _        | 1,173     | _                 | -        | -        |  |  |  |  |  |  |  |
| GS Pocheon Green Energy             | ,                    |                   |          | , -       |                   |          |          |  |  |  |  |  |  |  |
| Corp.                               | 40,548               | -                 | -        | 40,548    | -                 | -        | -        |  |  |  |  |  |  |  |
| GS Sports Ltd.                      | 17                   | -                 | -        | 17        | -                 | 825      | 825      |  |  |  |  |  |  |  |
| Oksan Ochang Highway<br>Corporation | 1,508                | 362               | -        | 1,870     | -                 | -        | -        |  |  |  |  |  |  |  |
| Eun Pyeong New Road Corp.           | 1,949                | 84                | 163      | 2,196     | -                 | -        | -        |  |  |  |  |  |  |  |
| Pusan New Road Co., Ltd.            | 22,622               | 324               | -        | 22,946    | -                 | -        | -        |  |  |  |  |  |  |  |
| GUMIMAKEUNMUL Co., Ltd.             | 6,065                | 35                | -        | 6,100     | -                 | -        | -        |  |  |  |  |  |  |  |
| GS Neotek                           | 20                   | -                 | -        | 20        | 118               | 1,674    | 1,792    |  |  |  |  |  |  |  |
| Samyang INT'L Co., Ltd.             | -                    | -                 | -        | _         | 3,984             | 147      | 4,131    |  |  |  |  |  |  |  |
| Seungsan Group Corporation          | -                    | 3,149             | -        | 3,149     | -                 | 303      | 303      |  |  |  |  |  |  |  |
| Kyung Won Construction Co., Ltd.    | -                    | -                 | -        | -         | -                 | 114      | 114      |  |  |  |  |  |  |  |
| Donghae International               |                      |                   |          |           |                   |          |          |  |  |  |  |  |  |  |
| Resources Terminal Co., Ltd         |                      | 33                |          | 33        |                   |          | <u> </u> |  |  |  |  |  |  |  |
|                                     | ₩ 189,179            | ₩ 6,190           | ₩ 13,754 | ₩ 209,123 | ₩ 5,850           | ₩ 86,082 | ₩ 91,932 |  |  |  |  |  |  |  |

| (in millions of Korean won)                       |                      |                   |       | 2019   |                   |                   |         |  |  |  |  |  |  |  |  |
|---|----------------------|-------------------|-------|--------|-------------------|-------------------|---------|--|--|--|--|--|--|--|--|
|   |                      | Receiva           | bles  |        |                   | Payables          |         |  |  |  |  |  |  |  |  |
|   | Trade<br>receivables | Other receivables | Loans | Total  | Trade<br>payables | Other<br>payables | Total   |  |  |  |  |  |  |  |  |
| Associates  |                      |                   |       |        |                   |                   |         |  |  |  |  |  |  |  |  |
| GS KOCREF New Stay REIT                           | ₩ 21                 | ₩ - ₩             | ¥ - ¥ | ∀ 21   | ₩ -               | ₩ 1,547           | ₩ 1,547 |  |  |  |  |  |  |  |  |
| Major Development Co., Ltd.                       | -                    | -                 | -     | -      | -                 | 5                 | 5       |  |  |  |  |  |  |  |  |
| FGS East Asia Technical Resource Management, Inc. | _                    | 36                | 871   | 907    | -                 | -                 | -       |  |  |  |  |  |  |  |  |
| SoBaek Co., Ltd.                                  | _                    | 621               | 6,856 | 7,477  | -                 | -                 | -       |  |  |  |  |  |  |  |  |
| HyangSan 2 Urban<br>Development Corp.             | _                    | -                 | -     | _      | -                 | 5                 | 5       |  |  |  |  |  |  |  |  |
| Beopwon Industry Urban Development Corp.          | 2,738                | -                 | -     | 2,738  | -                 | -                 | -       |  |  |  |  |  |  |  |  |
| Yeouido MBC Site MXD PFV. Inc                     | 5,696                | 157               | -     | 5,853  | -                 | 157               | 157     |  |  |  |  |  |  |  |  |
| PT. CORE RESOURCE                                 | -                    | 274               | 2,940 | 3,214  | -                 | -                 | -       |  |  |  |  |  |  |  |  |
| Zero Tech Co., Ltd                                | -                    | 23                | 1,550 | 1,573  | -                 | -                 | -       |  |  |  |  |  |  |  |  |
| Cadiz San Fernando, A.I.E.                        | 214                  | -                 | -     | 214    | 199               | -                 | 199     |  |  |  |  |  |  |  |  |
| Gestion de Participes de<br>Biorreciclaje         | 78                   |                   | _     | 78     | _                 |                   |         |  |  |  |  |  |  |  |  |
| Participes de Biorreciclaje S.A.                  | 2,137                | _                 | _     | 2,137  |                   | _                 | _       |  |  |  |  |  |  |  |  |
| Joint ventures                                    | 2,107                |                   |       | 2,107  |                   |                   |         |  |  |  |  |  |  |  |  |
| G&M Estate Co., Ltd.                              | _                    | 66                | _     | 66     | _                 | 70                | 70      |  |  |  |  |  |  |  |  |
| Others  |                      |                   |       |        |                   |                   |         |  |  |  |  |  |  |  |  |
| GS Holdings                                       | _                    | -                 | -     | -      | -                 | 2,825             | 2,825   |  |  |  |  |  |  |  |  |
| GS Retail Co., Ltd.                               | -                    | 35                | -     | 35     | 77                | 4,143             | 4,220   |  |  |  |  |  |  |  |  |
| GS Global Corp.                                   | -                    | 41                | -     | 41     | 933               | 1,175             | 2,108   |  |  |  |  |  |  |  |  |
| GS Home Shopping Inc.                             | 68                   | 10                | -     | 78     | -                 | 2,511             | 2,511   |  |  |  |  |  |  |  |  |
| GS Energy Corporation                             | -                    | 339               | -     | 339    | -                 | 4,254             | 4,254   |  |  |  |  |  |  |  |  |
| GS Power Co., Ltd.                                | -                    | -                 | -     | -      | 15                | 14,952            | 14,967  |  |  |  |  |  |  |  |  |
| Boryeong LNG Terminal Co., Ltd.                   | 7,138                | -                 | -     | 7,138  | -                 | 30,937            | 30,937  |  |  |  |  |  |  |  |  |
| GS Park 24Co., Ltd.                               | -                    | 151               | -     | 151    | 7                 | -                 | 7       |  |  |  |  |  |  |  |  |
| GS-Caltex Corporation                             | 3,158                | -                 | -     | 3,158  | -                 | 42,434            | 42,434  |  |  |  |  |  |  |  |  |
| GS Mbiz Co., Ltd.                                 | -                    | -                 | -     | -      | 94                | -                 | 94      |  |  |  |  |  |  |  |  |
| Parnas Hotel Co., Ltd.                            | 781                  | 90                | -     | 871    | 15                | 1,600             | 1,615   |  |  |  |  |  |  |  |  |
| PNS Co., Ltd.                                     | -                    | -                 | -     | -      | 1                 | -                 | 1       |  |  |  |  |  |  |  |  |
| GS Teleservices Co., Ltd.                         | -                    | -                 | -     | -      | -                 | 345               | 345     |  |  |  |  |  |  |  |  |
| GS EPS Co., Ltd.                                  | -                    | -                 | -     | -      | -                 | 9,132             | 9,132   |  |  |  |  |  |  |  |  |
| GS ENTEC Corp.                                    | -                    | -                 | -     | -      | 131               | -                 | 131     |  |  |  |  |  |  |  |  |
| GS E&R Corp.                                      | 251                  | -                 | -     | 251    | -                 | -                 | -       |  |  |  |  |  |  |  |  |
| GS Donghae Electric Power Co., Ltd.               | 3,653                | 17                | -     | 3,670  | -                 | -                 | -       |  |  |  |  |  |  |  |  |
| GS Pocheon Green Energy                           | 40,513               | -                 | -     | 40,513 | -                 | 10,037            | 10,037  |  |  |  |  |  |  |  |  |

| (in millions of Korean won)                          |             |             |          | 2019      |          |           |           |  |  |  |  |  |  |  |
|--|-------------|-------------|----------|-----------|----------|-----------|-----------|--|--|--|--|--|--|--|
|  |             | Receiv      | vables   |           |          | Payables  |           |  |  |  |  |  |  |  |
|  | Trade       | Other       |          |           | Trade    | Other     |           |  |  |  |  |  |  |  |
|  | receivables | receivables | Loans    | Total     | payables | payables  | Total     |  |  |  |  |  |  |  |
| Corp.  |             |             |          |           |          |           |           |  |  |  |  |  |  |  |
| GS Sports Ltd.                                       | 28          | 60          | -        | 88        | -        | 126       | 126       |  |  |  |  |  |  |  |
| Oksan Ochang Highway                                 |             |             |          |           |          |           |           |  |  |  |  |  |  |  |
| Corporation  | 20,013      | 559         | -        | 20,572    | -        | 1,224     | 1,224     |  |  |  |  |  |  |  |
| Eun Pyeong New Road Corp.                            | 1,948       | 72          | 163      | 2,183     | -        | -         | -         |  |  |  |  |  |  |  |
| Pusan New Road Co., Ltd.                             | 6,985       | -           | -        | 6,985     | -        | -         | -         |  |  |  |  |  |  |  |
| GUMIMAKEUNMUL Co., Ltd.                              | 3,243       | 24          | -        | 3,267     | -        | -         | -         |  |  |  |  |  |  |  |
| GS Neotek  | 14          | 60          | -        | 74        | 2,388    | 1,736     | 4,124     |  |  |  |  |  |  |  |
| Samyang INT'L Co., Ltd.                              | -           | -           | -        | -         | 3,555    | 147       | 3,702     |  |  |  |  |  |  |  |
| Seungsan Group Corporation                           | -           | 3,149       | -        | 3,149     | -        | 314       | 314       |  |  |  |  |  |  |  |
| Kyung Won Construction Co., Ltd.                     | -           | -           | -        | -         | -        | 114       | 114       |  |  |  |  |  |  |  |
| Donghae International<br>Resources Terminal Co., Ltd |             |             | <u> </u> | <u>-</u>  | <u> </u> | 1,380     | 1,380     |  |  |  |  |  |  |  |
|  | ₩ 98,677    | ₩ 5,784     | ₩ 12,380 | ₩ 116,841 | ₩ 7,415  | ₩ 131,170 | ₩ 138,585 |  |  |  |  |  |  |  |

Allowance for bad debts of receivables from related parties as of December 31, 2020, is  $\mbox{$\mbox{$$\seta$}$}$  43,941 million (2019:  $\mbox{$\mbox{$$\%$}$}$  617 million), and bad debt expense recognized during the year ended December 31, 2020, is  $\mbox{$\mbox{$$\%$}$}$  43,324 million.

(4) Changes in loans to related parties for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of                     |                          |                  |     |         |   |          |   | 2020     |         |  |   |         |                    |                       |
|-------------------------------------|--------------------------|------------------|-----|---------|---|----------|---|----------|---------|--|---|---------|--------------------|-----------------------|
| Korean won)                         | Annual interest rate (%) | Maturity<br>date | Bed | ginning | 1 | ncrease  |   | Transfer | ch<br>1 | ffects of<br>anges in<br>foreign<br>cchange<br>rates |   | Ending  | Interest<br>income | Equity<br>transaction |
|                                     | Tuto (70)                | uuto             | ٥٥٤ | Jg      | • | 11010430 |   | Trunsiei |         | ratos  |   | Litanig | moome              | ii unouotion          |
| Associates                          |                          |                  |     |         |   |          |   |          |         |  |   |         |                    |                       |
| FGS East Asia<br>Technical Resource |                          | 2021.01.17~      |     |         |   |          |   |          |         |  |   |         |                    |                       |
| Management, Inc.                    | 4.60                     | 2021.10.15       | ₩   | 871     | ₩ | 286      | ₩ | 131      | ₩       | (67)   | ₩ | 959     | ₩ 42               | ₩ -                   |
| SoBaek Co., Ltd.<br>PT. CORE        | 6.00                     | -                |     | 6,856   |   | -        |   | -        |         | -  |   | 6,856   | 413                | -                     |
| RESOURCE<br>Gwancheon               | 8.00~12.00               | 2021.12.31       |     | 2,940   |   | -        |   | -        |         | (177)  |   | 2,763   | 257                | -                     |
| Sangsang PFV                        | -                        | -                |     | -       |   | 50,000   |   | 50,000   |         | -  |   | -       | 594                | -                     |
| Zero Tech Co., Ltd. ORIGIN LATPHRA  | 4.60                     | -                |     | 1,550   |   | -        |   | -        |         | -  |   | 1,550   | 71                 | -                     |
| CO.,LTD.<br>RENEW SOLAR             | -                        | -                |     | -       |   | -        |   | -        |         | -  |   | -       | -                  | 7,102                 |
| ENERGY                              | -                        | -                |     | -       |   | -        |   | -        |         | -  |   | -       | -                  | 13,413                |

| (in millions of   |                          |                  |           |          | 2020     |  |          |                    |                       |
|---|--------------------------|------------------|-----------|----------|----------|--|----------|--------------------|-----------------------|
| Korean won)   | Annual interest rate (%) | Maturity<br>date | Beginning | Increase | Transfer | Effects of<br>changes in<br>foreign<br>exchange<br>rates | Ending   | Interest<br>income | Equity<br>transaction |
| (JHARKHAND<br>THREE) PRIVATE<br>LIMITED<br>PARK PILLAR R4 |                          |                  |           |          |          |  |          |                    |                       |
| CO., LTD.<br>GYEONGGIPYEONG                               | -                        | -                | -         | -        | -        | -  | -        | -                  | 10,611                |
| TAEK GLOBAL CO.,LTD. Jincheon smart bokhap industrial     | -                        | -                | -         | -        | -        | -  | -        | -                  | 1,305                 |
| danji development<br>Co.,LTD<br>GS Collective Fund I      | -                        | -                | -         | -        | -        | -  | -        | -                  | 100                   |
| LLC<br>CHEMICO<br>ADVANCED<br>MATERIALS                   | -                        | -                | -         | -        | -        | -  | -        | -                  | 1,201                 |
| CO.,LTD.  Jerotaekmuan                                    | -                        | -                | -         | -        | -        | -  | -        | -                  | 1,500                 |
| Co.,LTD Tongjin Industry                                  | 4.60                     | -                | -         | 1,463    | -        | -  | 1,463    | 9                  | 2                     |
| Complex CO., Ltd. <sup>1</sup> Hakun 7 Industry           | -                        | -                | -         | -        | -        | -  | -        | -                  | (10)                  |
| Complex Co., Ltd. <sup>1</sup> Joint ventures             | -                        | -                | -         | -        | -        | -  | -        | -                  | (200)                 |
| GS MINH HUNG<br>SIKICO CO.,LTD.                           | _                        | _                | _         | _        | _        | _  | _        | _                  | 819                   |
| Others Eun Pyeong New                                     |                          |                  |           |          |          |  |          |                    |                       |
| Road Corp.  Donghae International Resources Terminal      | 6.90                     | -                | 163       | -        | -        | -  | 163      | 11                 | -                     |
| Co., Ltd<br>Gangnam Metro                                 | -                        | -                | -         | -        | -        | -  | -        | -                  | 500                   |
| Co.,Ltd.  | -                        | -                |           |          |          |  |          |                    | 20                    |
|   |                          |                  | ₩ 12,380  | ₩ 51,749 | ₩ 50,131 | ₩ (244)  | ₩ 13,754 | ₩ 1,397            | ₩ 36,363              |

<sup>&</sup>lt;sup>1</sup> The investee was disposed for the year ended December 31, 2020.

| (in millions of              |                      |                  |           |          | 2019     |                                     |          |                    |                       |
|------------------------------|----------------------|------------------|-----------|----------|----------|-------------------------------------|----------|--------------------|-----------------------|
| Korean won)                  | Annual               |                  |           |          |          | Effects of<br>changes in<br>foreign |          |                    |                       |
|                              | interest<br>rate (%) | Maturity<br>date | Beginning | Increase | Transfer | exchange<br>rates                   | Ending   | Interest<br>income | Equity<br>transaction |
| Associates                   |                      |                  |           |          |          |                                     |          |                    |                       |
| Major Development            |                      |                  |           |          |          |                                     |          |                    |                       |
| Co., Ltd.<br>FGS East Asia   | -                    | -                | ₩ -       | ₩ -      | ₩ -      | ₩ -                                 | ₩ -      | ₩ -                | ₩ 750                 |
| Technical Resource           |                      | 2020.01.17       |           |          |          |                                     |          |                    |                       |
| Management, Inc.             | 4.60                 | ~2020.07.11      | 1,006     | -        | 171      | 36                                  | 871      | 49                 | 16                    |
| SoBaek Co., Ltd.             | 6.00                 | _                | 6,856     |          | _        | _                                   | 6,856    | 621                | _                     |
| PT. CORE                     |                      | 2020.10.16       | .,        |          |          |                                     | -,       |                    |                       |
| RESOURCE                     | 8.00~12.00           | ~2020.10.22      | 2,236     | 631      | -        | 73                                  | 2,940    | 242                | 1,124                 |
| BKT Co., Ltd.                | -                    | -                | _         | -        | -        | _                                   | -        | -                  | 18,000                |
| Cheongju Hi Tech             |                      |                  |           |          |          |                                     |          |                    |                       |
| Valley                       | -                    | -                | -         | -        | -        | -                                   | -        | -                  | 160                   |
| Zero Tech Co., Ltd.          | 4.60                 | -                | -         | 1,550    | -        | -                                   | 1,550    | 23                 | 1                     |
| Camp Stanton Co.,            |                      |                  |           |          |          |                                     |          |                    |                       |
| Ltd.                         | -                    | -                | -         | -        | -        | -                                   | -        | -                  | 3                     |
| Cheonan Techno Park          |                      |                  |           |          |          |                                     |          |                    |                       |
| Inc.                         | -                    | -                | -         | -        | -        | -                                   | -        | -                  | 600                   |
| Joint ventures               |                      |                  |           |          |          |                                     |          |                    |                       |
| PT. Daria Mulia              |                      |                  |           |          |          |                                     |          |                    |                       |
| Properti                     | -                    | -                | -         | -        | -        | -                                   | -        | -                  | 6,974                 |
| Others                       |                      |                  |           |          |          |                                     |          |                    |                       |
| Pusan New Road               |                      |                  |           |          |          |                                     |          |                    |                       |
| Co., Ltd.                    |                      |                  | -         | -        | -        | -                                   | -        | -                  | 6,997                 |
| Eun Pyeong New<br>Road Corp. | 6.90                 |                  | 163       |          |          |                                     | 163      | 11                 |                       |
| Donghae International        | 0.90                 | -                | 103       | -        | -        | -                                   | 103      | 11                 | -                     |
| Resources Terminal           |                      |                  |           |          |          |                                     |          |                    |                       |
| Co., Ltd                     | _                    | _                | _         | _        | -        | _                                   | _        | _                  | 190                   |
| •                            |                      |                  | ₩ 10,261  | ₩ 2,181  | ₩ 171    | ₩ 109                               | ₩ 12,380 | ₩ 946              | ₩ 34,815              |

#### (5) Guarantees between related parties

Details of payment guarantees that the Company provides to the related parties as of December 31, 2020 and 2019, are as follows:

(in millions of Korean won)

|  | Type                         | Beneficiary  | Period          | 2020    | 2019     |
|--|------------------------------|--|-----------------|---------|----------|
| Associates                               |                              |  |                 |         |          |
| Major Development Co., Ltd.              | Payment<br>guarantee         | Kyobo Securities Co., Ltd                                | -               | ₩ -     | ₩ 43,700 |
|  | Payment<br>guarantee         | Bookook Securities Co.,Ltd                               | 2020.05~2021.04 | 34,100  | -        |
| SoBaek Co., Ltd.                         | Payment<br>guarantee         | SC Bank  | 2019.05~2021.04 | 115,000 | 90,000   |
|  | Payment<br>guarantee         | BNK Securities   | 2019.08~2021.08 | 98,400  | 80,400   |
| Beopwon Industry Urban Development Corp. | Conditional debt acquisition | NH Bank and others                                       | 2019.07~2021.04 | 41,600  | 60,000   |
| Yeouido MBC Site MXD PFV. Inc.           | Conditional debt acquisition | National Agricultural Cooperative Federation and others  | 2019.07~2024.01 | 505,580 | 551,031  |
| Others                                   |                              |  |                 |         |          |
| Oksan Ochang Highway<br>Corporation      | Payment<br>guarantee         | Meritz Fire & Marine<br>Insurance CO., Ltd and<br>others | 2015.10~2036.07 | 10,200  | 10,200   |
| Pusan New Road Co.,<br>Ltd.              | Performance<br>guarantee     | Construction Guarantee<br>Cooperative                    | 2018.01~2023.12 | 24,757  | 24,757   |

Meanwhile, the Group has provided joint guarantees of performing construction contracts within the limit of  $\mbox{$W$}$  277,330 million in relation to the guarantees of housing distribution to Yeouido MBC Site MXD PFV. Inc. The above amounts are included in contract amounts of contingencies and commitments (Note 21).

(6) Details of the assets pledged as collateral for the related parties as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won) | Туре              | Beneficiary   | 2020     | 2019     |  |
|-----------------------------|-------------------|---|----------|----------|--|
| Others                      |                   |   |          |          |  |
| Oksan Ochang Highway        | Equity securities | Meritz Fire & Marine Insurance Co., Ltd and others                | ₩ 29,940 | ₩ 29,940 |  |
| Corporation                 | Electronic bill   | Meritz Fire & Marine Insurance Co., Ltd and others                | 17,000   | 17,000   |  |
| GUMIMAKEUNMUL Co., Ltd.     | Equity securities | Mirae Asset green infrastructure special asset investment trust 2 | 584      | 584      |  |
|                             | Equity securities | KIAMCO Road Investment  | 11,007   | -        |  |
| Pusan New Road Co., Ltd.    | Blank checks      | Private Fund Special Asset Trust 12 and 3 others                  | -        | -        |  |

(7) Compensation for key management personnel of the Parent Company as of December 31, 2020 and 2019, consists of the following:

| (in millions of Korean won) | 2 | 2020            |   | 2019            |
|-----------------------------|---|-----------------|---|-----------------|
| Salaries Severance benefits | ₩ | 36,231<br>4.640 | ₩ | 43,409<br>4,228 |
| Covorance Bonome            | ₩ | 40,871          | ₩ | 47,637          |

### 31. Cash Flows

(1) Cash flows from operating activities for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                              |   | 2020     | 2019 |           |  |
|--|---|----------|------|-----------|--|
| Profit for the year                                      | ₩ | 329,676  | ₩    | 447,479   |  |
| Adjustments for:   |   |          |      |           |  |
| Income tax expenses                                      |   | 188,764  |      | 226,255   |  |
| Interest expenses  |   | 115,201  |      | 147,136   |  |
| Interest income  |   | (41,868) |      | (49,761)  |  |
| Dividend income  |   | (600)    |      | (750)     |  |
| Depreciation   |   | 42,030   |      | 35,175    |  |
| Amortization   |   | 38,195   |      | 16,034    |  |
| Depreciation of investment property                      |   | 7,981    |      | 6,919     |  |
| Depreciation of right-of-use assets                      |   | 71,728   |      | 76,336    |  |
| Bad debt expense   |   | 320,251  |      | 159,103   |  |
| Reversal of allowance for bad debt                       |   | (62,102) |      | (39,675)  |  |
| Provision for severance benefits                         |   | 69,888   |      | 60,160    |  |
| Loss on disposal of trade receivables                    |   | -        |      | 1,946     |  |
| Loss (gain) on foreign currency translation              |   | 71,837   |      | (31,090)  |  |
| Loss (gain) on disposal of property, plant and equipment |   | 1,381    |      | (1,041)   |  |
| Loss (gain) on disposal of intangible assets             |   | 15       |      | (99)      |  |
| Gain on disposal of investment property                  |   | (98)     |      | (22)      |  |
| Impairment loss on investment property                   |   | 6,006    |      | 14,807    |  |
| Loss (gain) on valuation of derivatives                  |   | 37,337   |      | (34,813)  |  |
| Loss on derivatives transactions                         |   | 369      |      | 77,223    |  |
| Gain on valuation of firm commitments                    |   | _        |      | (39,479)  |  |
| Financial guarantee expenses                             |   | 297      |      | -         |  |
| Reversal of financial guarantee liabilities              |   | (46,585) |      | (118,016) |  |
| Construction warranty expenses                           |   | 146,121  |      | 85,929    |  |

| (in millions of Korean won)   | 2020      | 2019        |
|---|-----------|-------------|
| Reversal of provision for construction warranties                                       | (6,712)   | (26,128)    |
| Loss on disposal of other assets  | 265       | 3,073       |
| Loss (gain) on valuation of financial assets at fair                                    | (20.544)  | 26.772      |
| value through profit or loss  Loss (gain) on disposal of financial assets at fair value | (32,514)  | 36,773      |
| through profit or loss  | 4,830     | (9,320)     |
| Loss(gain) on redemption of debentures  | 411       | -           |
| Loss on overseas operations translation   | 18,968    | 10,688      |
| Gain on overseas operations translation   | (10,728)  | (6,838)     |
| Loss on disposal of investments in associates   | 1,465     | 1,307       |
| Impairment loss on investments in associates  | -         | 750         |
| Share of loss of associates and joint ventures  | 6,139     | 2,904       |
| Loss (gain) on changes in leases  | 7,885     | (532)       |
| Others  | 3,951     | 3,985       |
|   | 960,108   | 608,939     |
| Changes in operating assets and liabilities   |           |             |
| Trade receivables   | 343,847   | (51,806)    |
| Other receivables   | 16,403    | 29,929      |
| Contract assets   | (98,434)  | 839,251     |
| Inventories   | 74,123    | 192,170     |
| Settlement of derivatives transactions  | 21,527    | (36,080)    |
| Other current assets  | (30,960)  | (235,544)   |
| Other non-current assets  | (9,023)   | (4,403)     |
| Trade payables  | (221,175) | (393,360)   |
| Other payables  | (106,459) | (54,971)    |
| Contract liabilities  | (388,599) | (231,278)   |
| Other current liabilities   | 201,514   | 195,557     |
| Other current provision   | 13,041    | (16,746)    |
| Non-current provision   | (6,403)   | (54,181)    |
| Other non-current liabilities   | (61,797)  | 22,678      |
| Payment of severance benefits   | (79,912)  | (102,834)   |
| Others  | (24,273)  | 6,712       |
|   | (356,580) | 105,094     |
|   | ₩ 933,204 | ₩ 1,161,512 |

(2) Significant non-cash transactions for the years ended December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)  |   | 2020    | 2019 |         |  |
|--|---|---------|------|---------|--|
| Reclassification to current portion of borrowings                  | ₩ | 760,360 | ₩    | 336,525 |  |
| Reclassification of deposits for business to loans                 |   | 229,629 |      | 29,938  |  |
| Reclassification to current portion of debentures                  |   | 101,499 |      | -       |  |
| Reclassification of right-of-use assets to investment properties   |   | 57,397  |      | -       |  |
| Reclassification to current portion of leasehold deposits received |   | 36,529  |      | -       |  |
| Changes in subleases   |   | 35,050  |      | -       |  |
| Conversion of convertible bond                                     |   | 16,417  |      | 19,210  |  |
| Reclassification of long-term and short-term loans                 |   | 15,503  |      | 48,721  |  |
| Changes in lease liabilities                                       |   | 14,447  |      | 28,288  |  |
| Reclassification of membership guarantee deposits                  |   | 11,162  |      | 17,576  |  |

(3) Details of changes in liabilities arising from financing activities for the year ended December 31, 2020, are as follows:

| (in millions of<br>Korean won) |    |           | C | ash flows<br>from      | Impact on non-cash transactions |   |   |                         |   |                         |   |         |   |          |   |           |
|--------------------------------|----|-----------|---|------------------------|---------------------------------|---|---|-------------------------|---|-------------------------|---|---------|---|----------|---|-----------|
|                                | Ве | ginning   |   | inancing<br>activities |                                 | dditional Current<br>cpenses portion Transfer |   | Change in consolidation |   | Exchange<br>differences |   | Ending  |   |          |   |           |
| Short-term                     |    |           |   |                        |                                 |   |   |                         |   |                         |   |         |   |          |   |           |
| borrowings                     | ₩  | 450,893   | ₩ | (180,077)              | ₩                               | -   | ₩ | (70,265)                | ₩ | 10,454                  | ₩ | 190,161 | ₩ | (9,469)  | ₩ | 391,697   |
| Current portion of             |    |           |   |                        |                                 |   |   |                         |   |                         |   |         |   |          |   |           |
| debentures                     |    | 231,163   |   | (161,758)              |                                 | 2,797   |   | 101,499                 |   | (7,719)                 |   | -       |   | (6,696)  |   | 159,286   |
| Current portion of             |    |           |   |                        |                                 |   |   |                         |   |                         |   |         |   |          |   |           |
| long-term                      |    |           |   |                        |                                 |   |   |                         |   |                         |   |         |   |          |   |           |
| borrowing                      |    | 179,390   |   | (469,529)              |                                 | -   |   | 760,360                 |   | (10,880)                |   | -       |   | (16,389) |   | 442,952   |
| Current financial              |    |           |   |                        |                                 |   |   |                         |   |                         |   |         |   |          |   |           |
| guarantee                      |    |           |   |                        |                                 |   |   | 00.704                  |   | 404                     |   |         |   |          |   | 00.005    |
| liabilities                    |    | -         |   | -                      |                                 | -   |   | 28,761                  |   | 164                     |   | -       |   | -        |   | 28,925    |
| Current lease                  |    | 05.400    |   | (4.050)                |                                 |   |   | (4.000)                 |   | 4.050                   |   |         |   | (400)    |   | 00.004    |
| liabilities                    |    | 95,169    |   | (4,058)                |                                 | 2   |   | (4,282)                 |   | 1,956                   |   | -       |   | (166)    |   | 88,621    |
| Current portion of             |    |           |   |                        |                                 |   |   |                         |   |                         |   |         |   |          |   |           |
| leasehold deposits received    |    |           |   |                        |                                 |   |   | 36,529                  |   |                         |   |         |   |          |   | 36,529    |
| Other current                  |    | -         |   | -                      |                                 | -   |   | 30,329                  |   | -                       |   | -       |   | -        |   | 30,329    |
| liabilities                    |    | 177,146   |   | (10,071)               |                                 |   |   | 11,162                  |   |                         |   | _       |   | (535)    |   | 177,702   |
|                                |    | · ·       |   | , , ,                  |                                 | 0.440   |   | ,                       |   | (0.000)                 |   |         |   | , ,      |   |           |
| Debentures                     |    | 657,551   |   | 237,078                |                                 | 3,412   |   | (101,499)               |   | (8,669)                 |   | -       |   | (2,466)  |   | 785,407   |
| Long-term                      |    | 4 407 750 |   | 000 044                |                                 |   |   | (000 005)               |   |                         |   | 444.540 |   | 40.050   |   | 4 450 404 |
| borrowings                     |    | 1,187,750 |   | 833,341                |                                 | -   |   | (690,095)               |   | -                       |   | 114,512 |   | 13,953   |   | 1,459,461 |
| Financial                      |    |           |   |                        |                                 |   |   |                         |   |                         |   |         |   |          |   |           |
| guarantee<br>liabilities       |    |           |   |                        |                                 | (E0.260)                                      |   | (00.764)                |   | 146 047                 |   |         |   |          |   | E0 707    |
| napilities                     |    | -         |   | -                      |                                 | (58,369)                                      |   | (28,761)                |   | 146,917                 |   | -       |   | -        |   | 59,787    |

| (in millions of<br>Korean won) |             | Cash flows<br>from      |                     |                 |           |                         |                      |             |
|--------------------------------|-------------|-------------------------|---------------------|-----------------|-----------|-------------------------|----------------------|-------------|
|                                | Beginning   | financing<br>activities | Additional expenses | Current portion | Transfer  | Change in consolidation | Exchange differences | Ending      |
| Leasehold deposits received    | -           | (7,923)                 | -                   | (36,529)        | 215,191   | 218                     | 186                  | 171,143     |
| Non-current lease liabilities  | 497,290     | (81,778)                | 7,920               | 4,282           | 49,379    | 3,763                   | (945)                | 479,911     |
| Other non-current liabilities  | 241,968     | 5,267                   |                     | (11,162)        | (215,191) | <u>-</u>                |                      | 20,882      |
|                                | ₩ 3,718,320 | ₩ 160,492               | ₩ (44,238)          | ₩ -             | ₩ 181,602 | ₩ 308,654               | ₩ (22,527)           | ₩ 4,302,303 |

#### 32. Financial Risk Management

The Group's activities are exposed to a variety of financial risks: market risk (including currency risk, fair value interest rate risk, cash flow interest rate risk and price risk), credit risk and liquidity risk. The Group supports to generate stable and continuous business performance and simultaneously focuses on improvement of cost competitiveness by improving financial structure and reducing financial cost.

The Group's overall risk management program focuses to minimize potential adverse effects on the Group's financial risk by monitoring periodical financial risk and rearranging the financial risk management policy.

- (1) Financial risk
- (a) Market risk
- i) Foreign exchange risk

The Group operates internationally and is exposed to foreign exchange risk arising from various currency exposures. The Group's principal monetary assets and liabilities denominated in currencies other than its functional currency as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won  | 2020                |                          |                       |                       |  |  |  |  |  |  |  |
|-----------------------------|---------------------|--------------------------|-----------------------|-----------------------|--|--|--|--|--|--|--|
| and in thousands of foreign | Financia            | l assets                 | Financial liabilities |                       |  |  |  |  |  |  |  |
| currencies)                 | Foreign<br>currency | Korean won<br>equivalent | Foreign<br>currency   | Korean won equivalent |  |  |  |  |  |  |  |
| USD                         | 780,247             | ₩ 848,910                | 1,189,807             | ₩ 1,294,510           |  |  |  |  |  |  |  |
| EUR                         | 9,812               | 13,131                   | 418,216               | 559,674               |  |  |  |  |  |  |  |
| KWD                         | 1,099               | 3,930                    | 73                    | 260                   |  |  |  |  |  |  |  |
| JPY                         | 6                   | -                        | 280,235               | 2,954                 |  |  |  |  |  |  |  |
| SGD                         | -                   | -                        | 1                     | 1                     |  |  |  |  |  |  |  |

| (in millions of Korean won  | 2019                |                       |         |                       |                       |         |  |  |  |  |
|-----------------------------|---------------------|-----------------------|---------|-----------------------|-----------------------|---------|--|--|--|--|
| and in thousands of foreign | Financia            | al asse               | ets     | Financial liabilities |                       |         |  |  |  |  |
| currencies)                 | Foreign<br>currency | Korean won equivalent |         | Foreign<br>currency   | Korean won equivalent |         |  |  |  |  |
| USD                         | 780,034             | ₩                     | 903,124 | 825,173               | ₩                     | 955,386 |  |  |  |  |
| EUR                         | 272,851             |                       | 354,005 | 166,469               |                       | 215,982 |  |  |  |  |
| KWD                         | 3,556               |                       | 13,582  | 6,399                 |                       | 24,440  |  |  |  |  |
| JPY                         | -                   |                       | -       | 227,084               |                       | 2,415   |  |  |  |  |
| SGD                         | -                   |                       | -       | 1                     |                       | 1       |  |  |  |  |

As of December 31, 2020 and 2019, if the Group's functional currency had weakened/ strengthened by 5% against foreign currencies with all other variables held constant, profit before income tax would have been affected as follows:

| (in millions of Korean won) |    | 20              |     | 2019               |   |                 |                   |         |
|-----------------------------|----|-----------------|-----|--------------------|---|-----------------|-------------------|---------|
|                             | We | eakened<br>(5%) | Stı | rengthened<br>(5%) | W | eakened<br>(5%) | Strengthened (5%) |         |
| USD                         | ₩  | (22,280)        | ₩   | 22,280             | ₩ | (2,613)         | ₩                 | 2,613   |
| EUR                         |    | (27,327)        |     | 27,327             |   | 6,901           |                   | (6,901) |
| KWD                         |    | 184             |     | (184)              |   | (543)           |                   | 543     |
| JPY                         |    | (148)           |     | 148                |   | (121)           |                   | 121     |

#### ii) Interest rate risk

The Group's interest rate risk arises from variable-rate borrowings, and related interest expense is exposed to interest rate risk. As of December 31, 2020, the financial liabilities that are exposed to interest rate risk are the variable-rate borrowings issued at variable rates amounting to  $\forall$  2,214,268 million (2019:  $\forall$  1,557,572 million).

As of December 31, 2020, and 2019, if interest rates had been fluctuated by 100bp with all other variables held constant, interest expenses would have been affected as follows:

| (in millions of   |                | 20     | 20      |          | 2019     |        |                |          |  |  |
|-------------------|----------------|--------|---------|----------|----------|--------|----------------|----------|--|--|
| Korean won)       | 100bp increase |        | 100bp c | lecrease | 100bp in | crease | 100bp decrease |          |  |  |
| Interest expenses | ₩              | 16,526 | ₩       | (16,526) | ₩        | 12,539 | ₩              | (12,539) |  |  |

#### (b) Credit risk

Credit risk occurs in the ordinary course of business and investment activities of the Group when the customers or counterparties could not comply with the obligations of the contract. To manage the credit risk, the Group evaluates the credit of customers periodically, considering past experience and other factors and sets individual credit limit considering the credit quality of customer.

Credit risk arises from cash equivalents, derivative financial instruments and deposits with banks and financial institutions, as well as credit risk to primary customers, including outstanding receivables and firm committed transactions.

The Group's credit risk is managed in accordance with the Group's credit policy with the purpose of minimizing possible loss through efficient credit risk management, support for rapid decision making and implementation of safety measures on the Group's accounts receivable. The Group appropriately evaluates and reflects the risks to the statement of financial position when a default is expected, as of December 31, 2020, for receivables with any signs of impairment or those for which recovery date has passed.

The allowance provision for the trade receivable as of December 31, 2020, is as follows

| (in millions of Korean won) | Expected credit losses ratio (%) | Book value |         | Expected credit losses |        |  |
|-----------------------------|----------------------------------|------------|---------|------------------------|--------|--|
| Receivable not past due     | 0.54                             | ₩          | 229,727 | ₩                      | 1,233  |  |
| Less than 3 months          | 0.62                             |            | 240,237 |                        | 1,473  |  |
| Between 4 ~ 12 months       | 1.42~6.23                        |            | 142,286 |                        | 2,984  |  |
| Between 13 ~ 24 months      | 9.69~16.63                       |            | 7,476   |                        | 1,018  |  |
| Between 25 ~ 36 months      | 19.75~40.30                      |            | 2,510   |                        | 597    |  |
| Over 36 months              | 52.90                            |            | 9,742   |                        | 5,154  |  |
|                             |                                  | ₩          | 631,978 | ₩                      | 12,459 |  |

In addition, the Group has recognized for doubtful account on trade receivables of  $\forall$  206,230 million by individual basis assessment as of December 31, 2020.

Details of maximum exposure to credit risk as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                | 2020 |           |   | 2019      |  |  |
|--|------|-----------|---|-----------|--|--|
| Cash equivalents (excluding cash on hands) | ₩    | 2,114,341 | ₩ | 1,789,799 |  |  |
| Trade and other receivables                |      | 1,957,065 |   | 2,407,744 |  |  |
| Contract assets <sup>1</sup>               |      | 1,023,757 |   | 1,097,436 |  |  |
| Short-term financial assets                |      | 257,870   |   | 284,372   |  |  |
| Long-term financial assets <sup>2</sup>    |      | 616,806   |   | 677,334   |  |  |
| Long-term trade and other receivables      |      | 866,621   |   | 922,558   |  |  |
| Financial guarantee liabilities            |      | 6,291,409 |   | 4,650,941 |  |  |

<sup>&</sup>lt;sup>1</sup> Due from customers related to construction is included due to reclassification of accounts.

<sup>&</sup>lt;sup>2</sup> Leasehold deposits provided are included due to reclassification of accounts.

#### (c) Liquidity risk

The Group's liquidity risk arises when it does not have sufficient cash to fulfill payment obligations from financial liabilities or to meet operational needs.

The Group manages possible liquidity risk in advance through monitoring forecasts of the Group's liquidity requirements to ensure it has sufficient cash to meet operational needs.

Major commitments related to the credit limit of domestic financial institutions as of December 31, 2020 and 2019, are as follows:

| (in millions of   |                            | 20             | )20            | 2019           |                |  |  |
|---|----------------------------|----------------|----------------|----------------|----------------|--|--|
| Korean won)   | Financial institutions     | Limited amount | Used<br>amount | Limited amount | Used<br>amount |  |  |
| Short-term and long-<br>term financial liabilities <sup>1</sup> | Korea Exim bank and others | ₩ 8,402,203    | ₩ 6,222,095    | ₩ 8,618,573    | ₩ 5,838,148    |  |  |

<sup>&</sup>lt;sup>1</sup> Include amounts related to comprehensive trading limit (letter of credit and foreign bond) and the Group's borrowings and exclude lease liabilities.

The table below summarizes the maturity profile of the Group's financial liabilities based on contractual undiscounted payments:

| 2020 |           |           |            |   |  |  |  |   |  |   |   |
|------|-----------|-----------|------------|---|--|--|--|---|--|---|---|
|      |           |           |            |   |  |  | Residual   | mat   | urity  |   |   |
| Вс   | ook value |           |            | Le  | ess than 1<br>year   | _  |  | yea   | ars and 3  | Ov  | er 3 years  |
| ₩    | 1,592,539 | ₩         | 1,596,457  | ₩   | 1,403,687  | ₩  | 192,770  | ₩   | -  | ₩   | -   |
|      | 4,062,739 |           | 4,589,340  |   | 1,272,293  |  | 827,244  |   | 807,455  |   | 1,682,348   |
| ₩    | 5,743,990 | ₩         | -, - ,     | ₩   |  | ₩  | 1,020,014  | ₩   | 807,455  | ₩   | 1,682,348   |
|      | ₩         | 4,062,739 | Book value | <ul> <li>₩ 1,592,539</li> <li>₩ 1,596,457</li> <li>4,062,739</li> <li>4,589,340</li> <li>6,291,409</li> </ul> | Book value       contract         ₩ 1,592,539       ₩ 1,596,457       ₩         4,062,739       4,589,340         88,712       6,291,409 | Book value         Cash flow on contract         Less than 1 year           ₩ 1,592,539         ₩ 1,596,457         ₩ 1,403,687           4,062,739         4,589,340         1,272,293           88,712         6,291,409         6,291,409 | Cash flow on contract         Less than 1 year         year           ₩ 1,592,539         ₩ 1,596,457         ₩ 1,403,687         ₩ 4,062,739         4,589,340         1,272,293           88,712         6,291,409         6,291,409         6,291,409 | Residual           Book value         Cash flow on contract         Less than 1 year and 2 years           ₩ 1,592,539         ₩ 1,596,457         ₩ 1,403,687         ₩ 192,770           4,062,739         4,589,340         1,272,293         827,244           88,712         6,291,409         6,291,409         - | Residual mat           Book value         Cash flow on contract         Less than 1 year         year and 2 years         years           ₩ 1,592,539         ₩ 1,596,457         ₩ 1,403,687         ₩ 192,770         ₩           4,062,739         4,589,340         1,272,293         827,244           88,712         6,291,409         6,291,409         - | Residual maturity           Between 1 year and 2 years and 3 years           W 1,592,539         ₩ 1,596,457         ₩ 1,403,687         ₩ 192,770         ₩ -           4,062,739         4,589,340         1,272,293         827,244         807,455           88,712         6,291,409         6,291,409         -         - | Residual maturity           Between 1 year and 2 years and 3 years         Between 2 years and 3 years         Ov           ₩ 1,592,539         ₩ 1,596,457         ₩ 1,403,687         ₩ 192,770         ₩ - ₩           4,062,739         4,589,340         1,272,293         827,244         807,455           88,712         6,291,409         6,291,409         -          - |

<sup>&</sup>lt;sup>1</sup> Includes interest income

<sup>&</sup>lt;sup>2</sup> The cash flows on contract is the principal amount from the PF, redevelopment projects, SOC, overseas operations and others that are recognized as financial guarantee liabilities.

| (in millions of  | 2019 |           |   |                        |    |                    |   |                                |     |                               |    |            |
|--|------|-----------|---|------------------------|----|--------------------|---|--------------------------------|-----|-------------------------------|----|------------|
| Korean won)  |      |           |   |                        |    |                    |   | Residual                       | mat | urity                         |    | _          |
|  | В    | ook value |   | sh flow on<br>contract | Le | ess than 1<br>year | _ | etween 1<br>ear and 2<br>years | yea | tween 2<br>ars and 3<br>years | Ov | er 3 years |
| Trade and other payables Short-term and long-term      | ₩    | 1,629,980 | ₩ | 1,629,980              | ₩  | 1,629,980          | ₩ | -                              | ₩   | -                             | ₩  | -          |
| financial liabilities <sup>1</sup> Financial guarantee |      | 3,319,224 |   | 3,715,055              |    | 1,222,486          |   | 684,774                        |     | 481,804                       |    | 1,325,991  |
| liabilities <sup>2</sup>                               |      | 125,237   |   | 4,650,941              |    | 2,414,676          |   | 963,619                        |     | 435,987                       |    | 836,659    |
|  | ₩    | 5,074,441 | ₩ | 9,995,976              | ₩  | 5,267,142          | ₩ | 1,648,393                      | ₩   | 917,791                       | ₩  | 2,162,650  |

<sup>&</sup>lt;sup>1</sup> Includes interest income

In addition, the Group has provided several agreements regarding contract performance, housing guarantee, construction warranty, joint payment guarantee for intermediate payment and conditioned-level debt acquisition. The maximum exposure to credit risk is the amount provided in the agreements (Note 21).

#### (2) Capital risk management

The Group's capital management objectives are to safeguard the Group's ability to continue as a going concern in order to provide returns to shareholders and benefits to other stakeholders and to maintain an optimal capital structure to reduce the cost of capital.

Gearing ratios as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)    | 2020 |           |   | 2019      |  |  |
|--------------------------------|------|-----------|---|-----------|--|--|
| Total liabilities (A)          | ₩    | 9,458,562 | ₩ | 9,028,178 |  |  |
| Total equity (B)               |      | 4,312,116 |   | 4,143,027 |  |  |
| Deposits (C)                   |      | 2,114,341 |   | 1,789,799 |  |  |
| Borrowings (D)                 |      | 3,238,803 |   | 2,706,747 |  |  |
| Debt-to-equity ratio (A/B)     |      | 219%      |   | 218%      |  |  |
| Net borrowings ratio ((D-C)/B) |      | 26%       |   | 22%       |  |  |

<sup>&</sup>lt;sup>2</sup> The cash flows on contract is the principal amount from the PF, redevelopment projects, SOC, overseas operations and others that are recognized as financial guarantee liabilities.

#### 33. Fair Value

For the year ended December 31, 2020, there are no significant changes in the business environment and economic environment that affect the fair value of financial assets and financial liabilities of the Group.

(1) Fair value of financial instruments by category

Carrying amount and fair value of financial instruments by category as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)                        |   | 20        | 20 |            | 2019       |           |   |           |  |
|--|---|-----------|----|------------|------------|-----------|---|-----------|--|
|  | В | ook value | F  | Fair value | Book value |           | F | air value |  |
| Financial assets                                   |   |           |    |            |            |           |   |           |  |
| Cash and cash equivalents                          | ₩ | 2,118,919 | ₩  | 2,118,919  | ₩          | 1,792,956 | ₩ | 1,792,956 |  |
| Trade and other receivables <sup>1</sup>           |   | 1,957,065 |    | 1,957,065  |            | 2,407,744 |   | 2,407,744 |  |
| Short-term financial assets                        |   | 257,870   |    | 257,870    |            | 284,372   |   | 284,372   |  |
| Long-term trade and other receivables <sup>2</sup> |   | 866,621   |    | 866,621    |            | 922,558   |   | 922,558   |  |
| Long-term financial assets <sup>2,6</sup>          |   | 616,806   |    | 616,806    |            | 677,334   |   | 677,334   |  |
| Financial assets at fair value                     |   | 010,000   |    | 0.10,000   |            | 077,001   |   | 011,001   |  |
| through profit or loss <sup>6</sup>                |   | 249,466   |    | 249,466    |            | 239,868   |   | 239,868   |  |
|  | ₩ | 6,066,747 | ₩  | 6,066,747  | ₩          | 6,324,832 | ₩ | 6,324,832 |  |
| Financial liabilities                              |   |           |    |            |            |           |   |           |  |
| Trade and other payables                           | ₩ | 1,403,146 | ₩  | 1,403,146  | ₩          | 1,629,980 | ₩ | 1,629,980 |  |
| Short-term financial liabilities <sup>3</sup>      |   | 1,193,472 |    | 1,193,472  |            | 991,732   |   | 991,732   |  |
| Other current liabilities <sup>4</sup>             |   | 463,657   |    | 463,657    |            | 219,356   |   | 219,356   |  |
| Long-term trade and other                          |   |           |    |            |            |           |   |           |  |
| payables   |   | 189,393   |    | 189,393    |            | -         |   | -         |  |
| Long-term financial liabilities <sup>5</sup>       |   | 2,957,979 |    | 2,962,010  |            | 2,685,035 |   | 2,685,035 |  |
| Other non-current liabilities <sup>5</sup>         |   | 55,003    |    | 55,003     |            | 76,248    |   | 76,248    |  |
|  | ₩ | 6,262,650 | ₩  | 6,266,681  | ₩          | 5,602,351 | ₩ | 5,602,351 |  |

<sup>&</sup>lt;sup>1</sup> Reclassification of accounts to contract assets is reflected.

<sup>&</sup>lt;sup>2</sup> Reclassification of leasehold deposits provided is reflected.

<sup>&</sup>lt;sup>3</sup> Reclassification of financial guarantee liabilities is reflected.

<sup>&</sup>lt;sup>4</sup> Consists of deposits received, accrued expenses, accrued dividends and current membership guarantee deposits and, except for short-term employee benefits.

<sup>&</sup>lt;sup>5</sup> Reclassification of leasehold deposits received and financial guarantee liabilities is reflected.

<sup>&</sup>lt;sup>6</sup> Reclassification of government and public bonds is reflected.

#### (2) Fair value hierarchy

All assets and liabilities for which fair value is measured or disclosed in the financial statements are categorized within the fair value hierarchy, described as follows, based on the lowest level input that is significant to the fair value measurement as a whole:

- Level 1: Quoted (unadjusted) market prices in active markets for identical assets or liabilities
- Level 2: Valuation techniques for which the lowest level input that is significant to the fair value measurement is directly or indirectly observable
- Level 3: Valuation techniques for which the lowest level input that is significant to the fair value measurement is unobservable

Valuation methods used to measure the fair value of financial instruments include the following:

- Disclosed market price of similar product or dealer price
- Fair value of derivatives is measured by discounting to present value using forward exchange rate as of December 31, 2020 and 2019.
- Cash flow discount method is used for others.
- (3) Fair value hierarchy classifications of the financial assets and financial liabilities that are measured at fair value

Fair value hierarchy classifications of the financial assets and financial liabilities that are measured at fair value or of which fair values are disclosed as of December 31, 2020 and 2019, are as follows:

| (in millions of Korean won)         | 2020  |     |         |         |          |  |  |  |
|-------------------------------------|-------|-----|---------|---------|----------|--|--|--|
|                                     | Level | 1   | Level 2 | Level 3 | Total    |  |  |  |
| Financial assets                    |       |     |         |         |          |  |  |  |
| Derivative assets                   | ₩     | - ₩ | 19,128  | ₩ -     | ₩ 19,128 |  |  |  |
| Financial assets at fair value      |       |     |         |         |          |  |  |  |
| through profit or loss <sup>1</sup> |       | -   | -       | 249,466 | 249,466  |  |  |  |
| Financial liabilities               |       |     |         |         |          |  |  |  |
| Derivative liabilities              |       | -   | 24,885  | 22,846  | 47,731   |  |  |  |

<sup>&</sup>lt;sup>1</sup> Government and public bonds are excluded due to reclassification of accounts.

| (in millions of Korean won)    | 2019    |     |         |         |          |  |  |  |  |
|--------------------------------|---------|-----|---------|---------|----------|--|--|--|--|
|                                | Level 1 |     | Level 2 | Level 3 | Total    |  |  |  |  |
| Financial assets               |         |     |         |         |          |  |  |  |  |
| Derivative assets              | ₩       | - ₩ | 54,341  | ₩ -     | ₩ 54,341 |  |  |  |  |
| Financial assets at fair value |         |     |         |         |          |  |  |  |  |
| through profit or loss1        |         | -   | -       | 239,868 | 239,868  |  |  |  |  |
| Financial liabilities          |         |     |         |         |          |  |  |  |  |
| Derivative liabilities         |         | -   | 37,133  | -       | 37,133   |  |  |  |  |

<sup>&</sup>lt;sup>1</sup> Government and public bonds are excluded due to reclassification of accounts.

### (4) Transfers between levels of each fair value hierarchy

There are no transfers between levels of each fair value hierarchy for the year ended December 31, 2020.

(5) Valuation techniques and inputs used in the fair value measurements categorized within Level 2 and Level 3 of the fair value hierarchy as of December 31, 2020, are as follows:

| (in millions of Korean won)                           | 2020          |       |                            |                          |  |  |  |  |  |  |  |
|---|---------------|-------|----------------------------|--------------------------|--|--|--|--|--|--|--|
|   | Fair<br>value | Level | Valuation<br>techniques    | Inputs                   | Range of inputs<br>(weighted<br>average) |  |  |  |  |  |  |
| Financial assets at fair value through profit or loss |               |       |                            |                          |  |  |  |  |  |  |  |
| Gyongbuk Green Energy                                 | ₩ 1,515       | 3     | Dividend discount model    | Discount rate            | 7.09%                                    |  |  |  |  |  |  |
| Ulsan green Co., Ltd.                                 | 3,533         | 3     | Dividend discount model    | Discount rate            | 11.46%                                   |  |  |  |  |  |  |
| Wonju Green Co., Ltd.                                 | 242           | 3     | Discounted cash flow model | Discount rate            | 11.65%                                   |  |  |  |  |  |  |
| Public Development Co., Ltd.                          | 2,496         | 3     | Discounted cash flow mode  | Discount rate            | 7.75%                                    |  |  |  |  |  |  |
| Angelswing Co., Ltd.                                  | 1,431         | 3     | Binomial model             | Discount rate            | 12.92%                                   |  |  |  |  |  |  |
|   |               |       |                            | Risk-free rate of return | 1.69%                                    |  |  |  |  |  |  |
| CHEMICO ADVANCED MATERIALS CO.,LTD                    | 360           | 3     | Binomial model             | Discount rate            | 18.30%                                   |  |  |  |  |  |  |
|   |               |       |                            | Risk-free rate of return | 1.70%                                    |  |  |  |  |  |  |
| Gaya Railway Co., Ltd.                                | 167           | 3     | Discounted cash flow mode  | Discount rate            | 5.70%                                    |  |  |  |  |  |  |
| Gumi Green Water Co., Ltd.                            | 1,257         | 3     | Discounted cash flow mode  | Discount rate            | 6.74%                                    |  |  |  |  |  |  |
| Masan Drain Co., Ltd.                                 | 503           | 3     | Dividend discount model    | Discount rate            | 2.73%                                    |  |  |  |  |  |  |
| S-Y highway Co., Ltd.                                 | -             | 3     | Discounted cash flow mode  | Discount rate            | 5.50%                                    |  |  |  |  |  |  |
| Seoul Northern Highway<br>Co., Ltd.                   | 2,845         | 3     | Dividend discount model    | Discount rate            | 8.57%                                    |  |  |  |  |  |  |
| Oksan Ochang Highway                                  | 3,515         | 3     | Dividend discount          | Discount rate            | 10.38%                                   |  |  |  |  |  |  |

| (in millions of Korean won)                        |               | 2020  |                                       |                          |  |  |  |  |  |  |  |
|--|---------------|-------|---------------------------------------|--------------------------|--|--|--|--|--|--|--|
|  | Fair<br>value | Level | Valuation<br>techniques               | Inputs                   | Range of inputs<br>(weighted<br>average) |  |  |  |  |  |  |
| Corporation  |               |       | model                                 |                          |  |  |  |  |  |  |  |
| The 2 <sup>nd</sup> YoungDong<br>Highway Co., Ltd. | 511           | 3     | SPA compliance assessment             | -                        | -  |  |  |  |  |  |  |
| Other equity securities                            | 231,091       | 3     | Precedent<br>transactions<br>analysis | -                        | -  |  |  |  |  |  |  |
| Derivative assets                                  |               |       | ,                                     |                          |  |  |  |  |  |  |  |
| Currency forward                                   | 19,128        | 2     | Present value method                  | CD rate                  | 0.63%~1.68%                              |  |  |  |  |  |  |
| Derivative liabilities                             |               |       |                                       |                          |  |  |  |  |  |  |  |
| Currency forward                                   | 24,885        | 2     | Present value method                  | CD rate                  | 0.63%~1.68%                              |  |  |  |  |  |  |
|  | 21,920        | 3     | Binomial model                        | Discount rate            | 1.95%                                    |  |  |  |  |  |  |
|  |               |       |                                       | Risk-free rate of return | 0.56%                                    |  |  |  |  |  |  |
| Put option   | 926           | 3     | Discounted cash flow mode             | Discount rate            | 11.65%                                   |  |  |  |  |  |  |

<sup>(6)</sup> Valuation processes for fair value measurements categorized as level 3

The Group performs the fair value measurements, including level 3 fair values, for major equity securities by using the estimate of external independent valuer who holds a certified professional qualification and performing internal review.

### 34. Service Concession Arrangements

GS Inima Environment S.A. has constructed, operated and maintained Service Concession Arrangements through its subsidiaries and details of significant business information are as follows:

| (in millions of Korean<br>won)                            | Principal business activity   | Countries | Start<br>date | Expiry<br>date | Amount   | Classification                         |  |
|---|---|-----------|---------------|----------------|----------|--|--|
| Ambient Servicos<br>Ambientais de Ribeirao<br>Preto, S.A. | Sewage purifying plant and others, DBOOT (design, construction, operation, possession and transfer at the end of project period)                | Brazil    | 1995.09       | 2033.09        | ₩ 57,226 | Financial assets                       |  |
| Samar Solucoes<br>Ambientais de<br>Aracatuba S.A.         | Water and sewage processing plan and others / BOT (construction, operation and transfer at the end of the project period) Seawater desalinating | Brazil    | 2012.09       | 2042.10        | 46,070   | Intangible assets                      |  |
| Shariket Miyeh Ras<br>Djinet, Spa                         | plant and others/ DBOOT (design, construction, operation, possession and transfer at the end of project period)                                 | Algeria   | 2012.02       | 2037.09        | 66,636   | Financial assets                       |  |
| Jeceaba Ambiental S.A.                                    | Sewage processing plant and others / DBOT (design, construction, operation and transfer at the end of the project period)                       | Brazil    | 2009.05       | 2026.04        | 109,804  | Financial assets,<br>Intangible assets |  |
| Distribuidora de Aguas<br>Triunfo S.A.                    | Industrial waterworks in<br>chemical complex and<br>others / AOO<br>(Operation through<br>acquisition of shares)                                | Brazil    | 2014.03       | 2054.02        | 93,861   | Intangible assets                      |  |

### 35. Business Combination

### (1) Acquisition of shares in Elements (Europe) Limited

The Group acquired 75% shares of Elements (Europe) Limited, a UK steel volumetric modular manufacturer, during the year ended December 31, 2020. The acquisition date is January 9, 2020.

| (in millions of Korean won)            | An | nount   |
|--|----|---------|
| Consideration transferred <sup>1</sup> |    |         |
| Cash                                   | ₩  | 11,390  |
| Additional share issuance              |    | 22,837  |
| Total consideration                    | ₩  | 34,227  |
| Assets                                 |    |         |
| Cash and cash equivalents              | ₩  | 22,781  |
| Trade and other receivables            |    | 11,759  |
| Inventories                            |    | 2,595   |
| Property, plant and equipment          |    | 1,929   |
| Intangible assets                      |    | 337     |
| Liabilities                            |    |         |
| Trade and other payables               |    | 8,959   |
| Other non-current liabilities          |    | 526     |
| Total identifiable net assets          |    | 29,916  |
| Non-controlling interest               |    | (7,479) |
| Goodwill                               |    | 11,790  |
|  | ₩  | 34,227  |

<sup>&</sup>lt;sup>1</sup> Cash flows related to the business combination are as follows:

| (in millions of Korean won)        | Amount |        |
|------------------------------------|--------|--------|
| Payment for business combinations  | ₩      | 34,227 |
| Cash held by acquired subsidiaries |        | 22,781 |
| Net cash outflow                   |        | 11,446 |

### (2) Acquisition of shares in CDCF III Fortbay MV, LLC

The Group acquires 100% shares of CDCF III Fortbay MV, LLC, the existing business corporation, for development project of Village Lake in Mountain View, CA, United States, during the year ended December 31, 2020. The acquisition date was February 20, 2020.

| (in millions of Korean won)            | Amount |         |
|--|--------|---------|
| Consideration transferred <sup>1</sup> |        |         |
| Cash                                   | ₩      | 57,499  |
| Equity exchange                        |        | 12,538  |
| Total consideration                    | ₩      | 70,037  |
| Assets                                 |        |         |
| Cash and cash equivalents              | ₩      | 20,030  |
| Other current assets                   |        | 1,050   |
| Property, plant and equipment          |        | 224,921 |
| Intangible assets                      |        | 1,939   |
| Liabilities                            |        |         |
| Other current liabilities              |        | 754     |
| Other non-current liabilities          |        | 13,344  |
| Long-term borrowings                   | -      | 182,385 |
| Total identifiable net assets          |        | 51,457  |
| Goodwill                               |        | 18,580  |
|  | ₩      | 70,037  |

<sup>&</sup>lt;sup>1</sup> Cash flows related to the business combination are as follows:

| (in millions of Korean won)        | Amount |        |
|------------------------------------|--------|--------|
| Payment for business combinations  | ₩      | 57,499 |
| Cash held by acquired subsidiaries |        | 20,030 |
| Net cash outflow                   |        | 37,469 |

### (3) Acquisition of shares in Danwood S.A.

The Group acquires 100% shares of Danwood S.A., a Polish company that supplies Timber-Frame Prefabricated House to Germany and other countries, during the year ended December 31, 2020. The acquisition date was March 16, 2020.

| (in millions of Korean won)            | Amount |          |
|--|--------|----------|
| Consideration transferred <sup>1</sup> |        |          |
| Cash                                   | ₩      | 188,811  |
| Total consideration                    | ₩      | 188,811  |
| Assets                                 |        |          |
| Cash and cash equivalents              | ₩      | 31,841   |
| Trade and other receivables            |        | 19,549   |
| Inventories                            |        | 49,063   |
| Other current assets                   |        | 1,982    |
| Property, plant and equipment          |        | 37,006   |
| Intangible assets                      |        | 103,483  |
| Other non-current assets               |        | 1,820    |
| Liabilities                            |        |          |
| Trade and other payables               |        | 29,530   |
| Short-term borrowings                  |        | 12,436   |
| Other current liabilities              |        | 98,594   |
| Long-term borrowings                   |        | 112,158  |
| Other non-current liabilities          |        | 31,139   |
| Total identifiable net assets          |        | (39,113) |
| Goodwill                               |        | 227,924  |
|  | ₩      | 188,811  |

<sup>&</sup>lt;sup>1</sup> Cash flows related to the business combination is as follows:

| (in millions of Korean won)        | Amount |         |
|------------------------------------|--------|---------|
| Payment for business combinations  | ₩      | 188,811 |
| Cash held by acquired subsidiaries |        | 31,841  |
| Net cash outflow                   |        | 156,970 |