HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.) Separate Financial Statements

Separate Financial Statements December 31, 2020 and 2019

HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd)

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 HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.)

Opinion

We have audited the accompanying separate financial statements of HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.) (the Company), which comprise the separate statements of financial position as at December 31, 2020 and 2019, and the separate statements of comprehensive income, separate statements of changes in equity and separate statements of cash flows for the years then ended, and notes to the separate financial statements, including a summary of significant accounting policies and other explanatory information.

In our opinion, the accompanying separate financial statements present fairly, in all material respects, the separate financial position of the Company as at December 31, 2020 and 2019, and its separate financial performance and its separate cash flows for the years then ended in accordance with International Financial Reporting Standards as adopted by the Republic of Korea (Korean IFRS).

We also have audited, in accordance with Korean Standards on Auditing, the Company's Internal Control over Financial Reporting as of December 31, 2020, based on *Conceptual Framework for Designing and Operating Internal Control over Financial Reporting*, and our report dated March 22, 2021 expressed an unqualified opinion.

Basis for Opinion

We conducted our audits 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 Separate Financial Statements* section of our report. We are independent of the Company in accordance with the ethical requirements of the Republic of Korea that are relevant to our audit of the separate 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 separate opinion on these matters.

Impairment assessment of investment in associates

Key Audit Matter

The book value of investment in associates of Hankook Technology Group Co., Ltd. Is ₩ 1,979,452,253 thousand as at December 31, 2020. As explained in note 14, the Company has significant influence over Hankook Tire & Technology Co., Ltd. and is measuring at cost.

The Company performed impairment assessment in accordance with Korean IFRS 1036 *Impairment of Assets* since the market value of Hankook Tire & Technology Co., Ltd. is significantly lower than the book value as at December 31, 2020.

We considered as a key audit matter because of the i) existence of indication of impairment loss on investment in associates, ii) significance of unpredictability of estimation that the management used in determining recoverable amount of Hankook Tire & Technology Co., Ltd., and iii) the category causes significant influence to the Company.

How our audit addressed the Key Audit Matter

We performed the following audit procedures for the valuation model, key assumptions and decisions related to the value-in-use valuation. We engaged a specialist in value assessment when performing audit procedures.

- We assessed the capability and related experience (independence and competency) of the expert that the management used in value-in-use valuation.
- We made an inquiry about and assessed valuation model that the management applied.
- We obtained an understanding of the future cash flow of Hankook Tire & Technology Co., Ltd., and tested whether future cash flow estimation is based on the business plan approved by management.
- We assessed the adequacy of the estimation of the past business plan by comparing it with the performance for Hankook Tire & Technology Co., Ltd.
- We assessed the rationality of key assumptions used in valuation model, such as discount rate, growth rate and others by comparing the external benchmark in the same industry and the past financial information of Hankook Tire & Technology Co., Ltd.

Emphasis of Matter

Without modifying our opinion, we draw attention to Note 3 to the financial statements of the Company. Note 3 to the financial statements describes management's plans and action taken to resolve uncertainty relating to the impact of Coronavirus disease 2019 (COVID-19) on the Company's productivity and ability to satisfy customer's orders, and to solve these events or circumstances.

Other Matter

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

Responsibilities of Management and Those Charged with Governance for the Separate Financial Statements

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

In preparing the separate financial statements, management is responsible for assessing the Company'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 Company or to cease operations.

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

Auditor's Responsibilities for the Audit of the Separate Financial Statements

Our objectives are to obtain reasonable assurance about whether the separate 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 separate 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 separate 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.
- 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 Company'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 separate 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 Company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the separate financial statements, including the disclosures, and whether the separate financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

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 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 Keun-young, Chung, Certified Public Accountant.

Seoul, Korea March 22, 2021

This report is effective as of March 22, 2021, the audit 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 separate 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.

HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.) Separate Statements of Financial Position December 31, 2020 and 2019

(in thousands of Korean won)	Notes	2020	2020	
Assets				
Current assets				
Cash and cash equivalents	6	₩ 3,764,714	₩	37,634,922
Short-term financial assets	6	65,000,000		95,000,000
Financial assets at fair value through profit or loss	5,6,7	116,985,289		57,361,188
Trade receivables	6,8	16,905,671		16,973,994
Other receivables	6,8	2,115,228		10,300,080
Other current assets	9	14,272		10,312
		204,785,174		217,280,496
Non-current assets				
Financial assets at fair value through profit or loss	5,6,7	5,870,024		6,393,642
Financial assets at fair value through other comprehensive income	5,6,7	10,229,719		12,010,948
Other non-current receivables	6,8	11,778,050		_
Property, plant and equipment	10	22,765,925		22,333,484
Investment property	11	38,072,125		26,927,071
Intangible assets	12	8,379,686		9,567,856
Investments in subsidiaries	14	29,934,979		56,329,979
Investments in associates	14	1,982,230,355		1,982,230,355
Other non-current assets	9	650,018		650,018
	· ·	2,109,910,881		2,116,443,353
Total assets		₩ 2,314,696,055	₩	2,333,723,849
Liabilities				
Current liabilities				
Short-term borrowings	13	₩ 308,422	₩	_
Other payables	6,15	14,544,223		13,707,482
Current tax liabilities	5,15	3,286,043		5,457,032
Other current liabilities	16	1,196,340		420,075
		19,335,028		19,584,589
Non-current liabilities				.,
Long-term borrowings	13	6,752,132		_
Net defined benefit liabilities	17	1,142,325		3,863,643
Deferred tax liabilities	27	31,786,516		57,909,546
Other non-current liabilities	16	106,000		73,121
		39,786,973		61,846,310
Total liabilities		59,122,001		81,430,899
Equity				
Share capital	1,18	46,510,087		46,510,087
Other paid-in capital	19	1,291,535,691		1,291,535,691
Retained earnings	20	917,657,409		913,288,693
Other components of equity	21	(129,133		958,479
Total equity		2,255,574,054		2,252,292,950
Total liabilities and equity		₩ 2,314,696,055		2,333,723,849
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The above separate statements of financial position should be read in conjunction with the accompanying notes.

HANKOOK & COMPANY CO., LTD.

(formerly, Hankook Technology Group Co., Ltd.)

Separate Statements of Comprehensive Income

Years Ended December 31, 2020 and 2019

(in thousands of Korean won, except per share data)	Notes		2020		2019
Operating income	22,28,30	₩	64,144,787	₩	82,651,352
Operating expense	23		25,368,899		24,327,428
Operating profit			38,775,888		58,323,924
Finance income	24		5,167,590		6,858,316
Finance costs	24		677,800		4,212
Other non-operating income	25		2,500,775		2,891,201
Other non-operating expense	25		30,470,731		3,200,129
Profit before income tax			15,295,722		64,869,100
Income tax expense (benefit)	27		(19,824,545)		11,673,163
Profit for the year		₩	35,120,267	₩	53,195,937
Other comprehensive income					
Items that will not be reclassified to profit or loss					
Remeasurements of net defined benefit liabilities (assets)	17		111,791		(708,311)
Gain on valuation of equity instruments at fair value through other comprehensive income	21		142,325		732,424
Other comprehensive income for the year, net of tax			254,116		24,113
Total comprehensive income for the year		₩	35,374,383	₩	53,220,050
Earnings per share	31				
Basic and diluted earnings per share		₩	383	₩	580

The above separate statements of comprehensive income should be read in conjunction with the accompanying notes.

HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.) Separate Statements of Changes in Equity

Years Ended December 31, 2020 and 2019

Other paid-in capital												
(in thousands of Korean won)	Notes	Share capital	in	Paid-in capital excess of par value	Tre	easury shares		Retained earnings		Other components of equity		Total equity
Balance as of January 1, 2019		₩ 46,510,087	₩	1,302,628,300	₩	(11,092,609)	₩	888,309,592	₩	226,055	₩	2,226,581,424
Total comprehensive income for the year :				_		_		52,487,626		732,424		53,220,050
Profit for the year		-		-		-		53,195,937		-		53,195,937
Remeasurements of net defined benefit liabilities (assets)	17	-		-		-		(708,311)		-		(708,311)
Gain on valuation of equity instruments at fair value through other comprehensive income	21	-		-		-		-		732,424		732,424
Transactions with owners :												
Annual dividends				-		<u>-</u>		(27,508,525)		-		(27,508,525)
Balance at December 31, 2019		₩ 46,510,087	₩	1,302,628,300	₩	(11,092,609)	₩	913,288,693	₩	958,479	₩	2,252,292,950
Balance as of January 1, 2020		₩ 46,510,087	₩	1,302,628,300	₩	(11,092,609)	₩	913,288,693	₩	958,479	₩	2,252,292,950
Total comprehensive income for the year :				_		_		36,461,995		(1,087,612)		35,374,383
Profit for the year		-		-		-		35,120,267		-		35,120,267
Remeasurements of net defined benefit liabilities (assets)	17	-		-		-		111,791		-		111,791
Gain (loss) on valuation of equity instruments at fair value through other comprehensive income	21	-		-		-		1,229,937		(1,087,612)		142,325
Transactions with owners :												
Annual dividends	20	-		-		-		(32,093,279)		-		(32,093,279)
Balance at December 31, 2020		₩ 46,510,087	₩	1,302,628,300	₩	(11,092,609)	₩	917,657,409	₩	(129,133)	₩	2,255,574,054

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

HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.)

Separate Statements of Cash Flows

Years Ended December 31, 2020 and 2019

(in thousands of Korean won)	Notes	2020	2019
Cash flows from operating activities			
Cash generated from operating activities			
Profit for the year		₩ 35,120,267	₩ 53,195,937
Adjustments	26	(15,465,548)	(10,699,984)
Changes in operating assets and liabilities	26	(3,828,593)	2,531,234
		15,826,126	45,027,187
Interest received		3,662,704	4,117,476
Interest paid		(156,895)	-
Dividends received		23,073,118	18,391,361
Income tax paid		(8,550,603)	(12,540,114)
Net cash inflow from operating activities		33,854,450	54,995,910
Cash flows from investing activities			
Payments for short-term financial assets		(65,000,000)	(160,000,000)
Proceeds from sale of short-term financial assets		95,000,000	135,000,000
Proceeds from long-term financial assets		-	10,000,000
Proceeds from sale of debt instruments at fair value through profit or loss		51,723,444	33,732,523
Payment of short-term loans		-	(4,200,000)
Repayments of short-term loans		4,200,000	-
Proceeds from equity instruments at fair value through profit or loss	7	3,790	-
Payment for debt instruments at fair value through profit or loss	7	(110,000,000)	(20,000,000)
Proceeds from sale of equity instruments at fair value through other comprehensive income		1,968,993	
Payments for property, plant and equipment	10	(84,000)	(34,200)
Payments for intangible assets	12	(600,743)	(1,025,366)
Proceeds from intangible assets	12	178,000	(1,023,300)
Increase in leasehold deposits provided	12	(9,270,000)	-
Payments for investments in subsidiaries	14	(9,270,000)	(26,100,000)
Payments for investments in associates	14	_	(17,838,354)
Net cash outflow from investing activities		(31,880,516)	(50,465,397)
Net cash outflow from investing activities		(31,000,310)	(50,405,531)
Cash flows from financing activities			
Dividends payment	20	(32,093,279)	(27,508,525)
Repayments of lease liabilities	13	(180,618)	· · · · · · · · · · · · · · · · · · ·
Decrease in leasehold deposits received		(3,570,245)	-
Net cash outflow from financing activities		(35,844,142)	(27,508,525)
Net decrease in cash and cash equivalents		(33,870,208)	(22,978,012)
Cash and cash equivalents at the beginning of the financial year		37,634,922	60,612,931
Cash and cash equivalents at the end of the year		₩ 3,764,714	₩ 37,634,922

The above separate statements of cash flow should be read in conjunction with the accompanying notes.

1. General Information

HANKOOK & COMPANY CO., LTD. (the Company) was incorporated in May, 1941 to manufacture and sell tires, tubes and alloy wheels. In December 1968, the Company offered its shares for public ownership and all of the Company's shares were registered with the Korea Exchange. On April 25, 2012, the Board of Directors resolved to spin-off the tire business unit and the investment business unit separately; the former engages in manufacturing, processing and distribution of tires, tubes and parts; the latter engages in the subsidiary management and real estate rental business. Following the approval of the shareholders' meeting on July 27, 2012, the spin-off has been implemented on September 1, 2012 and the Company changed its corporate name from Hankook Tire Co., Ltd. To Hankook Tire Worldwide Co., Ltd.

On February 28, 2020, the Board of Directors resolved to change its corporate name from Hankook Tire Worldwide Co., Ltd. to Hankook Technology Group Co., Ltd. Following the approval of the shareholders' meeting on March 28, 2020, the Company changed its corporate name on May 8, 2020.

In addition, on November 13, 2020, the Board of Directors resolved to change its corporate name from Hankook Technology Group Co., Ltd. to HANKOOK & COMPANY CO., LTD. Following the approval of the shareholders' meeting on March 28, 2020, the Company changed its corporate name.

Through the several capital increases, transfers of convertible notes and the spin-off, the authorized number of the Company's ordinary shares are 250 million with a par value of \$500 per share as at December 31, 2020. The share capital of the Company is \$46,510,087 thousand (ordinary shares: 93,020,173) and the Company's shareholders as at the end of the reporting period, are as follows:

202	20	20	19
Percentage of Number of ownership shares (%)		Number of shares	Percentage of ownership (%)
-	-	21,942,693	23.6
17,974,870	19.3	17,974,870	19.3
39,901,871	42.9	17,959,178	19.3
1,325,090	1.4	1,325,090	1.4
33,818,342	36.4	33,818,342	36.4
93,020,173	100.0	93,020,173	100.0
	Number of shares - 17,974,870 39,901,871 1,325,090 33,818,342	Number of shares ownership (%)	Number of sharesPercentage of ownership (%)Number of shares21,942,69317,974,87019.317,974,87039,901,87142.917,959,1781,325,0901.41,325,09033,818,34236.433,818,342

2. Significant Accounting Policies

The principal accounting policies applied in the preparation of these separate financial statements are set out below. These policies have been consistently applied to all the years presented, unless otherwise stated.

2.1 Basis of Preparation

The Company 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 separate 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 Company's financial position, financial performance or cash flows, is not presented in the accompanying separate financial statements.

The separate financial statements of the Company 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 financial statements have been prepared on a historical cost basis, except for the following:

- · Certain financial assets and liabilities (including derivative instruments), certain classes of property, plant and equipment and investment property measured at fair value
- · assets held for sale measured at fair value less costs to sell, and
- · defined benefit pension plans plan assets measured at fair value.

The preparation of financial statements requires the use of critical accounting estimates. Management also needs to exercise judgement in applying the Company's accounting policies. The areas involving a higher degree of judgment or complexity, or areas where assumptions and estimates are significant to the separate financial statements are disclosed in Note 3.

2.2 Changes in Accounting Policies and Disclosures

2.2.1 New and amended standards adopted by the Company

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

(a) 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 explanation of the definition of material and amended Korean IFRS 1001 and Korean IFRS 1008 in accordance with the clarified definitions. Materiality is assessed by reference to omission or misstatement of material information as well as effects of immaterial information, and to the nature of the users when determining the information to be disclosed by the Company.

(b) 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 a significant impact on the financial statements.

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

The amendments allow to apply the exceptions when forward-looking analysis is performed in relation the application of hedge accounting while uncertainties arising from interest rate benchmark reform exist. The exceptions require the Company 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.

2.2.2 New standards and interpretations not yet adopted by the Company

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 Company.

(a) 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 Company does not expect that these amendments have a significant impact on the financial statements.

(b) 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 Company does not expect that these amendments have a significant impact on the financial statements.

(c) 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 Company does not expect that these amendments have a significant impact on the financial statements.

(d) 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 Company does not expect that these amendments have a significant impact on the financial statements.

(e) 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 Company does not expect that these amendments have a significant impact on the financial statements.

(f) 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 Company 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

(g) 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 include 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 Company does not expect that these amendments have a significant impact on the financial statements.

2.3 Subsidiaries and Associates

The financial statements of the Company are the separate financial statements prepared in accordance with Korean IFRS 1027 *Separate Financial Statements*. Investments in subsidiaries associates and joint ventures are recognized at cost under the direct equity method. Management applied the carrying amounts under the previous K-GAAP at the time of transition to the Korean IFRS as deemed cost of investments. The Company recognizes dividend income from subsidiaries, associates and joint ventures, in profit or loss when its right to receive the dividend is established.

2.4 Foreign Currency Translation

(a) Functional and presentation currency

Items included in the financial statements of the Company are measured using the currency of the primary economic environment in which each entity operates (the "functional currency"). The separate financial statements are presented in Korean won, which is the Company's functional and presentation currency.

(b) Transactions and balances

Foreign currency transactions are translated into the functional currency using the exchange rates at the dates of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation of monetary assets and liabilities denominated in foreign currencies at year end exchange rates are generally recognized in profit or loss.

Non-monetary items that are measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value was determined. Translation differences on assets and liabilities carried at fair value are reported as part of the fair value gain or loss. For example, translation differences on non-monetary assets and liabilities such as equities held at fair value through profit or loss are recognized in profit or loss as part of the fair value gain or loss and translation differences on non-monetary assets such as equities classified as equity instrument at fair value through other comprehensive income are recognized in other comprehensive income.

2.5 Financial Assets

(a) Classification

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

- those to be measured at fair value through profit or loss
- those to be measured at fair value through other comprehensive income, and
- those to be measured at amortized cost.

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

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

For investments in equity instruments that are not held for trading, this will depend on whether the Company has made an irrevocable election at the time of initial recognition to account for the equity investment at fair value through other comprehensive income. Changes in fair value of non-designated equity investment are recognized in profit or loss.

(b) Measurement

At initial recognition, the Company measures a financial asset at its fair value plus, in the case of a financial asset not at fair value through profit or loss, transaction costs that are directly attributable to the acquisition of the financial asset. Transaction costs of financial assets carried at fair value through profit or loss are expensed in profit or loss.

Financial assets with embedded derivatives are considered in their entirety when determining whether their cash flows are solely payment of principal and interest.

A. Debt instruments

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

- Amortized cost: Assets that are held for collection of contractual cash flows where those
 cash flows represent solely payments of principal and interest are measured at amortized
 cost. A gain or loss on a debt investment that is subsequently measured at amortized
 cost and is not part of a hedging relationship is recognized in profit or loss when the asset
 is derecognized or impaired. Interest income from these financial assets is included in
 'finance income' using the effective interest rate method.
- Fair value through other comprehensive income: Assets that are held for collection of contractual cash flows and for selling the financial assets, where the assets' cash flows represent solely payments of principal and interest, are measured at fair value through other comprehensive income. Movements in the carrying amount are taken through other comprehensive income, except for the recognition of impairment loss (reversal of impairment loss), interest income and foreign exchange gains and losses which are recognized in profit or loss. When the financial asset is derecognized, the cumulative gain or loss previously recognized in other comprehensive income is reclassified from equity to profit or loss. Interest income from these financial assets is included in 'finance income' using the effective interest rate method. Foreign exchange gains and losses are presented in 'finance income or costs' and impairment losses are presented in 'finance costs'
- Fair value through profit or loss: Assets that do not meet the criteria for amortized cost or
 fair value through other comprehensive income are measured at fair value through profit
 or loss. A gain or loss on a debt investment that is subsequently measured at fair value
 through profit or loss and is not part of a hedging relationship is recognized in profit or
 loss and presented net in the statement of profit or loss within 'finance income or costs' in
 the year in which it arises.

B. Equity instruments

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

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

(c) Impairment

The Company assesses on a forward looking basis the expected credit losses associated with its debt instruments carried at amortized cost and fair value through other comprehensive income. The impairment methodology applied depends on whether there has been a significant increase in credit risk. For trade receivables and lease receivables, the Company applies the simplified approach, which requires expected lifetime credit losses to be recognized from initial recognition of the receivables. (Note 32 provides more detail of how the Company determines there has been a significant increase in credit risk.)

(d) Recognition and Derecognition

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

If a transfer does not result in derecognition because the Company has retained substantially all the risks and rewards of ownership of the transferred asset, the Company continues to recognize the transferred asset in its entirety and recognizes a financial liability for the consideration received. The Company classified the financial liability as "borrowings" in the statement of financial position.

(e) Offsetting of financial instruments

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

2.6 Derivative Instruments

Derivatives are initially recognized at fair value on the date when a derivative contract is entered into and are subsequently remeasured at their fair value at the end of each reporting period. Changes in the fair value of any derivative instrument that does not qualify for hedge accounting are recognized immediately in profit or loss within 'other non-operating income (expenses)' or 'finance income (costs)' based on the nature of transactions.

2.7 Property, Plant and Equipment

Property, plant and equipment are stated at historical cost less accumulated depreciation and accumulated impairment losses. Historical cost includes expenditure that is directly attributable to the acquisition of the items.

Depreciation of all property, plant and equipment, except for land, is calculated using the straightline method to allocate their cost or revalued amounts, net of their residual values, over their estimated useful lives as follows:

	Useful life
Buildings	20 - 40 years
Structures	20 - 40
Vehicles	4
Supplies	4

The assets' depreciation method, residual values and useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period.

2.8 Intangible Assets

Intangible assets are initially recognized at its historical cost, and carried at cost less accumulated amortization and accumulated impairment losses.

Membership rights that have an indefinite useful life are not subject to amortization because there is no foreseeable limit to the period over which the assets are expected to be utilized. The Company amortizes intangible assets with a limited useful life using the straight-line method over the following periods:

	Useful life
Industrial property rights	5 years

2.9 Investment Property

Investment property is property held to earn rentals or for capital appreciation or both. An investment property is measured initially at its cost. An investment property is measured after initial measurement at depreciated cost (less any accumulated impairment losses). After recognition as an asset, investment property is carried at cost less accumulated depreciation and impairment losses. The Company depreciates investment properties, except for land, using the straight-line method over their useful lives for 20 to 40 years.

2.10 Impairment of Non-financial Assets

Intangible assets that have an indefinite useful life are not subject to amortization and are tested annually for impairment, or more frequently if events or changes in circumstances indicate that they might be impaired. An impairment loss is recognized for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable amount is the higher of an asset's fair value less costs of disposal and value in use. Non-financial assets other than goodwill that suffered an impairment are reviewed for possible reversal of the impairment at the end of each reporting period.

2.11 Financial Liabilities

(a) Classification and measurement

The Company's financial liabilities at fair value through profit or loss are financial instruments held for trading. A financial liability is held for trading if it is incurred principally for the purpose of repurchasing in the near term. A derivative that is not a designated as hedging instruments and an embedded derivative that is separated are also classified as held for trading.

The Company classifies non-derivative financial liabilities, except for financial liabilities at fair value through profit or loss, financial guarantee contracts and financial liabilities that arise when a transfer of financial assets does not qualify for derecognition, as financial liabilities carried at amortized cost and present as 'trade payables', 'borrowings', and 'other financial liabilities' in the statement of financial position.

Preferred shares that require mandatory redemption at a particular date are classified as liabilities. Interest expenses on these preferred shares using the effective interest method are recognized in the statement of profit or loss as 'finance costs', together with interest expenses recognized from other financial liabilities.

(b) Derecognition

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

2.12 Current and Deferred Tax

The tax expense for the period consists of current and deferred tax. Current and deferred tax is recognized in profit or loss, except to the extent that it relates to items recognized in other comprehensive income or directly in equity. In this case, the tax is also recognized in other comprehensive income or directly in equity, respectively.

The current income tax expense is measured at the amount expected to be paid to the taxation authorities, using the tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. Management periodically evaluates positions taken in tax returns with respect to situations in which applicable tax regulation is subject to interpretation. The Company recognizes current income tax on the basis of amounts expected to be paid to the tax authorities.

Deferred income tax is provided in full, using the liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the separate financial statements. However, deferred income tax is not accounted for if it arises from initial recognition of an asset or liability in a transaction other than a business combination that at the time of the transaction affects neither accounting nor taxable profit or loss.

Deferred tax assets are recognized only if it is probable that future taxable amounts will be available to utilize those temporary differences and losses.

The Company recognizes a deferred tax liability all taxable temporary differences associated with investments in subsidiaries, associates, and interests in joint arrangements, except to the extent that the Company is able to control the timing of the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. In addition, The Company recognizes a deferred tax asset for all deductible temporary differences arising from such investments to the extent that it is probable the temporary difference will reverse in the foreseeable future and taxable profit will be available against which the temporary difference can be utilized.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets and liabilities and when the deferred tax balances relate to the same taxation authority. Current tax assets and tax liabilities are offset when the Company has a legally enforceable right to offset and intends either to settle on a net basis, or to realize the assets and settle the liability simultaneously.

2.13 Employee Benefits

(a) Post-employment benefits

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.

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.

(b) Other long-term employee benefits

Certain entities within the 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 Company 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.

2.14 Revenue Recognition

(a) Rendering of services including Shared Service

The Company is providing supporting service to affiliates. If the Company has the right to receive the amount for the value provided to the customer for the performance completed, the Company recognizes the amount of right for the service provided. This is because the Company can use practical expedient in recognizing the amount of right to receive.

(b) Royalty income

Royalty income is the consideration that provides a license of intellectual property, and is recognized when a later event occurs between fulfillment of the performance obligation to which the consideration is allocated and the subsequent sale or use.

(c) Dividend income

The company conducts investment activities such as investment in subsidiaries. The company recognizes dividend yield at the time it declares dividends.

(e) Rental income

Rental income from investment properties is recognized using the straight-line method over the period of rent.

2.15 Leases

(a) Lessor

Lease income from operating leases where the Company is a lessor is recognized in income on a straight-line basis over the lease term. Initial direct costs incurred in obtaining an operating lease are added to the carrying amount of the underlying asset and recognized as expense over the lease term on the same basis as lease income.

The respective leased assets are included in the statement of financial position based on their nature.

(b) Lessee

The Company leases various offices and cars. Lease contracts are typically made for fixed periods of 3 to 8 years but may have extension options.

Contracts may contain both lease and non-lease payments. The Company allocates the consideration in the contract to the lease and non-lease components based on their relative standalone prices.

Lease terms are negotiated on an individual basis and contain a wide range of different terms and conditions. The lease agreements do not impose any covenants, but leased assets may not be used as security for borrowing purposes.

The Company determines the lease term as the non-cancellable period of a lease, together with both (a) periods covered by an option to extend the lease if the lessee is reasonably certain to exercise that option; and (b) periods covered by an option to terminate the lease if the lessee is reasonably certain not to exercise that option.

When the lessee and the lessor each has the right to terminate the lease without permission from the other party, the Company should consider a termination penalty in determining the period for which the contract is enforceable.

Leases are recognized as a right-of-use asset and a corresponding liability at the date at which the leased asset is available for use by the Company.

Assets and liabilities arising from a lease are initially measured on a present value basis. Lease liabilities include the net present value of the following lease payments:

- Fixed payments (including in-substance fixed payments), less any lease incentives receivable
- Variable lease payment that are based on an index or a rate, initially measured using the index or rate as at the commencement date
- Amounts expected to be payable by the Company (the lessee) under residual value guarantees
- The exercise price of a purchase option if the Company (the lessee) is reasonably certain to exercise that option, and
- Payments of penalties for terminating the lease, if the lease term reflects the Company (the lessee) exercising that option

Lease liability measurement also include payments to be made in option periods if the lessee is reasonably certain to exercise an option to extend the lease.

The lease payments are discounted using the interest rate implicit in the lease. If that rate cannot be determined, the lessee's incremental borrowing rate is used, being the rate that the lessee would have to pay to borrow the funds necessary to obtain an asset of similar value in a similar economic environment with similar terms and conditions.

To determine the incremental borrowing rate, the Company:

- where possible, uses recent third-party financing received by the individual lessee as a starting point, adjusted to reflect changes in financing conditions since third party financing was received
- uses a build-up approach that starts with a risk-free interest rate adjusted for credit risk
 for leases held by an entity which does not have recent third-party financing, and
- makes adjustments specific to the lease, for example term, country, currency and security.

If a readily observable amortizing loan rate is available to the individual lessee (through recent financing or market data) which has a similar payment profile to the lease, then the Company uses that rate as a starting point to determine the incremental borrowing rate.

The Company is exposed to potential future increases in variable lease payments based on an index or rate, which are not included in the lease liability until they take effect. When adjustments to lease payments based on an index or rate take effect, the lease liability is reassessed and adjusted against the right-of-use asset.

Each lease payment is allocated between the liability and finance cost. The finance cost is charged to profit or loss over the lease period so as to produce a constant periodic rate of interest on the remaining balance of the liability for each period.

Right-of-use assets are measured at cost comprising the following:

- · the amount of the initial measurement of lease liability
- any lease payments made at or before the commencement date less any lease incentives received
- · any initial direct costs, and
- · restoration costs

The right-of-use asset is depreciated over the shorter of the asset's useful life and the lease term on a straight-line basis. If the Company is reasonably certain to exercise a purchase option, the right-of-use asset is depreciated over the underlying asset's useful life.

Payments associated with short-term leases of equipment and vehicles and leases of low-value assets are recognized on a straight-line basis as an expense in profit or loss. Short-term leases are leases with a lease term of 12 months or less. Low-value assets comprise IT-equipment and small items of office furniture.

2.16 Segment Reporting

Information of each operating segment is reported in a manner consistent with the internal business segment reporting provided to the chief operating decision-maker. 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 that makes strategic decisions.

2.17 Approval of Issuance of the Financial Statements

The separate financial statements 2020 were approved for issue by the Board of Directors on March 12, 2021 and are subject to change with the approval of shareholders at their Annual General Meeting.

3. Critical Accounting Estimates and Assumptions

The preparation of financial statements requires the Company to make estimates and assumptions concerning the future. Management also needs to exercise judgement in applying the Company's accounting policies. Estimates and assumptions are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. As the resulting accounting estimates will, by definition, seldom equal the related actual results, it can contain a significant risk of causing a material adjustment.

The estimates and assumptions 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. Additional information of significant judgement and assumptions of certain items are included in relevant notes.

During 2020, the spread of Coronavirus disease 2019 ("COVID-19") has a material impact on the global economy. It may have a negative impact; such as, decrease in productivity, decrease or delay in sales, collection of existing receivables and others. Accordingly, it may have a negative impact on the financial position and financial performance of the Company.

Significant accounting estimates and assumptions applied in the preparation of the financial statements can be adjusted depending on changes in the uncertainty from COVID-19. Also, the ultimate effect of COVID-19 to the Company's business, financial position and financial performance cannot presently be determined.

(a) Income taxes

The Company's taxable income generated from these operations are subject to income taxes based on tax laws and interpretations of tax authorities in numerous jurisdictions. There are many transactions and calculations for which the ultimate tax determination is uncertain.

If certain portion of the taxable income is not used for investments or increase in wages or dividends in accordance with the *Tax System For Recirculation of Corporate Income*, the Company is liable to pay additional income tax calculated based on the tax laws. Accordingly, the measurement of current and deferred income tax is affected by the tax effects from the new tax system. As the Company's income tax is dependent on the investments, increase in wages and dividends, there is an uncertainty measuring the final tax effects (Note 27).

The Company recognizes a deferred tax liability all taxable temporary differences associated with investments in subsidiaries, associates, and interests in joint arrangements, except to the extent that the Company is able to control the timing of the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. The largest shareholder of the Company has changed during the year ended December 31, 2020, and the Company changed the estimate of deferred tax liabilities considering the disposal and control over liquidation of investments in associates. The resulting effect was recognized in profit or loss.

(b) Fair value of financial instruments

The fair value of financial instruments that are not traded in an active market is determined by using valuation techniques. The Company 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 (Note 5).

(c) Impairment of financial assets

The provision for impairment for financial assets are based on assumptions about risk of default

and expected loss rates. The Company uses judgement in making these assumptions and selecting the inputs to the impairment calculation based on the Company's past history, existing market conditions as well as forward looking estimates at the end of each reporting period (Note 32).

(d) Net defined benefit liability

The present value of net defined benefit liability depends on a number of factors that are determined on an actuarial basis using a number of assumptions including the discount rate (Note 17).

(e) 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) (Note 13).

4. Financial Risk Management

(a) Capital Management

The Company manages its capital to ensure that entities under the Company will be able to continue while maximizing the return to shareholders through the optimization of its debt and equity balance. The Company's overall strategy remains unchanged from that of the prior periods. The Company utilizes the debt ratio as capital management index which is the total liabilities divided by the total equity. Total liabilities and total equity are based on the amounts stated in the financial statements. The Company is not subject to any externally imposed capital requirements.

The debt ratio as at the end of the reporting period, are as follows:

(in thousands of Korean won)		2020		2019
Total liabilities	₩	59,122,002	₩	81,430,899
Total equity		2,255,574,054		2,252,292,950
Debt ratio		2.6%		3.6%

- (b) The significant accounting policies and methods (including recognition, measurement, and related gain (loss) recognition) adopted to the Company's financial assets, financial liabilities and equity are detailed in Note 2.
- (c) Financial risk management
- 1) Purpose of financial risk management

The Company is exposed to various risks related to its financial instruments, such as market risk (currency risk, fair value interest rate risk, and price risk), credit risk, liquidity risk and cash flow interest rate risk. The finance department of the Company manages operations, organizes the approach to financial market and controls the financial risks related to operations of the Company through internal risk reports which analyze the scope and degree of each risk factor.

The Company uses derivative financial instruments to hedge against the risks listed. The use of derivatives is decided in the observance of the Company's polices approved by the board of the directors. They provide the documented principles of currency risk, interest rate risk, credit risk, use of derivatives/non-derivatives and excessive liquidity investments. The audit committee constantly oversees the observance of the policies and the degree of risk exposure. The Company does not trade the financial instruments including derivatives for the speculative purpose.

The finance department of the Company report the details quarterly to Foreign Exchange Risk Management Committee monitoring whether the Company continues to comply with the risk management policies and the current risk management system works appropriately for the risks that the Company is exposed to.

2) Market risk

Operations of the Company are mainly exposed to financial risks of changes in currency and interest rate. The Company makes various contracts of derivatives for management of interest risk and foreign exchange rate.

a) Foreign currency risk management

The Company undertakes transactions denominated in foreign currencies; consequently, exposures to exchange rate fluctuations arise. Exchange rate exposures are managed within approved policy parameters utilizing forward foreign exchange contracts.

The sensitivity analysis includes only outstanding foreign currency denominated monetary items and adjusts their translation at the year end for a 10% change in foreign currency rates.

The table below summarizes the impact of weakened Korean won on the Company's pre-tax profit for the year. The analysis is based on the assumption that Korean won has weakened by 10% with all other variables held constant.

(in thousands of Korean won)	2	2020	2019			
USD	₩	(2,838) ₩	(3,020)			
EUR		(2,161)	(2,232)			
Others		(2,137)	(2,164)			

b) Interest rate risk

Interest rate risk is defined as the risk that the interest income or expenses arising from the Company's investing and financing activities will fluctuate because of changes in market interest rate. In order to minimizing uncertainty caused by fluctuations in interest rates and minimizing finance costs, the Company monitors a fluctuation of domestic and foreign interest rates and establishes alternatives.

c) Other price risks

The Company is exposed to equity price risks arising from its equity investments. Equity investments are held for strategic rather than trading purposes. The Company does not actively trade these investments.

The below sensitivity analysis was performed based on stock price fluctuation risk at the end of the reporting period.

If the price of financial assets at fair value through other comprehensive income and financial assets at fair value through profit or loss changed by 5% with all other variables held constant, other comprehensive income would not be increased/decreased (2019: $\mbox{$\%$}$ 84,378 thousand) and Profit before income tax would be increased/decreased by $\mbox{$\%$}$ 293,501 thousand (2019: $\mbox{$\%$}$ 319,682 thousand) for the year ended December 31, 2020.

There was no significant change in sensitivity of stock price of the Company comparing to that of prior year.

3) Liquidity risk management

The Company has established an appropriate liquidity risk management framework for the management of the Company's short, medium and long-term funding and liquidity management requirements. The Board of Directors has a full responsibility of the liquidity risk management. The Company manages liquidity risk by maintaining adequate reserves and credit facilities, by continuously monitoring forecast and actual cash flows, and by matching the maturity profiles of financial assets and liabilities.

a) Details of liquidity risk

The table below illustrates remaining contractual maturity of non-derivative financial liabilities and Net settled derivative financial instrument in detail. Contractual maturity is based on the earliest day when the payment can be claimed to the Company. Maturity analysis of non-derivative financial liabilities according to their remaining maturity at the end of the reporting period, are as follows:

(in thousands of Korean won)	2020							
	Book	Contractual	Residual amount					
	amount		Within a year	1-2 years	2-5 years	After 5 years		

HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.)

Notes to the Separate Financial Statements December 31, 2020 and 2019

Other payables	₩ 14,544,223	₩ 14,544,223	₩ 14,544,223	₩	- ₩	-	₩	-
Current lease liabilities	308,422	523,810	523,810		-	-		-
Non-current lease liabilities	6,752,132	8,810,022			523,810	1,527,112		6,759,100
	₩ 21,604,777	₩ 23,878,056	₩ 15,068,033	₩	523,810 ₩	1,527,112	₩	6,759,100

(in thousands of Korean won)	2019									
	Book	Contractual		Residua						
	amount	cash flows	Within a year	1-2 years	2-5 years	After 5 years				
Other payables	₩ 13,707,482	₩ 13,707,482	₩ 13,707,482	₩ -	₩ -	₩ -				
	₩ 13,707,482	₩ 13,707,482	₩ 13,707,482	₩ -	₩ -	₩ -				

5. Fair value

(a) Financial instruments measured at fair value

Details of the financial instruments that are measured at fair value as at the end of the reporting period, are as follows:.

(in thousands of Korean won)		20:	20		2019				
		Carrying amount	Fair value		Carrying amount		F	air value	
Financial assets:									
Debt instruments at fair value through profit or loss (current)	₩	116,985,289	₩	116,985,289	₩	57,361,189	₩	57,361,189	
Equity instruments at fair value through profit or loss (non-current)		5,870,024		5,870,024		6,393,641		6,393,641	
Equity instruments at fair value through other comprehensive income (non-current)		10,229,719		10,229,719		12,010,948		12,010,948	
	₩	133,085,032	₩	133,085,032	₩	75,765,778	₩	75,765,778	

(b) Fair Value Hierarchy

Items that are measured at fair value are categorized by the fair value hierarchy levels, and the defined levels are as follows:

- Quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1).
- All inputs other than quoted prices included in level 1 that are observable (either directly

that is, prices, or indirectly that is, derived from prices) for the asset or liability (Level 2).

Unobservable inputs for the asset or liability (Level 3).

Financial instruments that are measured subsequent to initial recognition at fair value at the end of the reporting period, are as follows:

(in thousands of Korean won)	2020											
		Level 1		Level 2		Level 3		Total				
Recurring fair value measurements Equity instruments at fair value through other comprehensive												
income Debt instruments at fair value	₩	-	₩	10,015,200	₩	214,519	₩	10,229,719				
through profit or loss Equity instruments at fair value		-		116,985,289		-		116,985,289				
through profit or loss		5,870,024	-	_		_		5,870,024				
	₩	5,870,024	₩	127,000,489	₩	214,519	₩	133,085,032				
(in thousands of Korean won)		Level 1		20 Level 2	019	Level 3		Total				
Recurring fair value measurements												
Equity instruments at fair value through other comprehensive income	₩	1,687,569	₩	10,103,300	₩	220,079	₩	12,010,948				
Debt instruments at fair value through profit or loss		-		57,361,189		-		57,361,189				
Equity instruments at fair value through profit or loss		6,393,641		-		-		6,393,641				
	₩	8,081,210	₩	67,464,489	₩	220,079	₩	75,765,778				

(c) Transfers Between Fair Value Hierarchy Levels of Recurring Fair Value Measurements

The Company's policy is to recognize transfers between levels of the fair value at the date of the event or change in circumstances that caused the transfer.

There are no transfers between levels of each fair value hierarchy of financial instruments.

(d) Valuation Techniques and the Inputs

Valuation techniques and inputs used in levels 2 and 3 fair value measurements are as follows:

(In thousands of Korean won)			2020				
			Valuation				
	Fair value	Fair value Level techniques		Inputs			
Equity instruments at fair va	lue through other	compre	hensive income				
Hybrid capital securities (consol bond)	₩ 10,015,200	2	Discounted cash flows model	Credit risk adjusted discount rate			
Non-listed shares	214,519	3	Transaction cost				
Debt instruments at fair valu	e through profit o	or loss					
Beneficiary certificates	116,985,289	2	Discounted cash flows model	Credit risk adjusted discount rate			
(In thousands of Korean won) 2019							
(III lilousarius of Noreall worl)			2019				
(III thousands of Notean worl)			2019 Valuation				
(III tilousalius Ol Noleali woli)	Fair value	Level		Inputs			
Equity instruments at fair va			Valuation techniques	Inputs			
			Valuation techniques	Inputs Credit risk adjusted discount rate			
Equity instruments at fair va Hybrid capital securities	lue through other	compre	Valuation techniques hensive income Discounted cash	Credit risk adjusted			
Equity instruments at fair va Hybrid capital securities (consol bond)	lue through other ₩ 10,103,300 220,079	compre 2 3	Valuation techniques hensive income Discounted cash flows model	Credit risk adjusted			
Equity instruments at fair va Hybrid capital securities (consol bond) Non-listed shares	lue through other ₩ 10,103,300 220,079	compre 2 3	Valuation techniques hensive income Discounted cash flows model	Credit risk adjusted			

6. Financial instruments

Carrying amounts of financial assets and liabilities by category as at December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)			2020		2019
Financial assets:					
Financial assets at fair value	Financial assets at fair value through profit or loss	₩	122,855,313	₩	63,754,830
	Financial assets at fair value through other comprehensive				
	income		10,229,719		12,010,948
Financial assets at amortized cost	Cash and cash equivalents		3,764,714		37,634,922
	Short-term financial assets		65,000,000		95,000,000
	Trade receivables		16,905,671		16,973,995
	Other receivables		2,115,228		10,300,080
	Other non-current receivables		11,778,050		-
		₩	232,648,695	₩	235,674,775
(in thousands of Korean w	von)		2020		2019
					_
Financial liabilities:					
Financial liabilities at amortized cost	Other payables	₩	14,544,223	₩	13,707,482
Other financial liabilities	Lease liabilities (current)		308,422		-
	Lease liabilities (non-current)		6,752,132		-
		₩	21,604,777	₩	13,707,482

Net gains or losses on each category of financial instruments for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020		2019
Financial assets measured at amortized cost				
	₩	4 754 755	1A 4	4 000 500
Interest income	VV	1,754,755	₩	1,866,589
Gains (losses) on foreign currency transaction		1,393		(627)
Reversal of impairment loss		(800,000)		-
Financial liabilities measured at amortized cost				
Gains (losses) on foreign currency transaction		2,488		(1,751)
Gains (losses) on foreign currency translation		270		(98)
Equity instruments at fair value through other comprehensive income				
Gains on valuation (other comprehensive income,				
net of tax)		142,325		732,424
Interest income		327,004		327,000
Debt instruments at fair value through profit or loss				
Gains on valuation		1,219,515		800,743
Gains on disposal		128,030		195,012
Interest income		1,736,604		2,392,249
Equity instruments at fair value through profit or loss				
Gains (losses) on valuation		(517,952)		1,273,216
Losses on disposal		(1,876)		-
Other financial liabilities				
Interest expenses		(156,895)		<u>-</u>
	₩	3,835,661	₩	7,584,757

December 31, 2020 and 2019

7. Financial Assets

7.1 Financial assets at fair value through profit or loss

Details of financial assets through profit or loss at the end of the reporting periods are as follows:

(in thousands of Korean won)		2020	2019		
Current					
Derivative-linked securities	₩	-	₩	6,595,414	
Beneficiary certificates		116,985,289		50,765,775	
Non-current					
Equity securities		5,870,024		6,393,641	
	₩	122,855,313	₩	63,754,830	

Amounts recognized in profit or loss for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020	2019			
Gain (loss) from equity instruments at fair value through profit or loss Gain from debt instruments at fair value through	₩	(519,828)	₩	1,273,216		
profit or loss		3,084,149		3,388,004		
	₩	2,564,321	₩	4,661,220		

Changes in financial assets through profit or loss for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020									
	E	Beginning balance	,	Acquisition		Disposals		Valuation		Ending balance	
Debt instruments Derivative-linked securities	₩	6,595,414	₩	5,000,000	₩	(11,595,414)	₩	-	₩	-	
Beneficiary certificates		50,765,775		105,000,000		(40,000,000)		1,219,514		116,985,289	
Equity instruments											
Equity securities		6,393,641		-		(5,665)		(517,952)		5,870,024	
	₩	63,754,830	₩	110,000,000	₩	(51,601,079)	₩	701,562	₩	122,855,313	

(in thousands of Korean won)	2019										
	ı	Beginning balance	Þ	Acquisition		Disposals		Valuation		Ending balance	
Debt instruments Derivative-linked securities	₩	20,037,512	₩	10,000,000	₩	(23,537,512)	₩	95,414	₩	6,595,414	
Beneficiary certificates		50,060,445		10,000,000		(10,000,000)		705,330		50,765,775	
Equity instruments											
Equity securities		5,120,425		-				1,273,216		6,393,641	
	₩	75,218,382	₩	20,000,000	₩	(33,537,512)	₩	2,073,960	₩	63,754,830	

7.2 Financial assets at fair value through other comprehensive income

(a) Details of financial assets at fair value through other comprehensive income at the end of the reporting periods are as follows:

(in thousands of Korean won)		2020	2019		
Non-current					
Equity securities and others	₩	214,519	₩	1,907,648	
Hybrid capital securities (consol bond)		10,015,200		10,103,300	
	₩	10,229,719	₩	12,010,948	

Upon disposal of these equity investments, any balance in the accumulated other comprehensive income for these equity investments is reclassified to retained earnings and is not reclassified to profit or loss.

(b) Debt instruments at fair value through other comprehensive income

As at December 31, 2020 and 2019, there are no debt investments at fair value through other comprehensive income. Upon disposal of the debt investments, any balance within the accumulated other comprehensive income for these debt investments is reclassified to profit or loss.

(c) Changes in Financial assets at fair value through other comprehensive income for the years ended December 31, 2020, are as follows:

(in thousands of Korean won)	an won) 2020							
		eginning palance ¹	Valuation		Disposals			Ending balance
Equity instruments								
Equity securities and others Hybrid capital securities	₩	1,907,648	₩	275,864	₩	(1,968,993)	₩	214,519
(consol bond)		10,103,300		(88,100)		_		10,015,200
	₩	12,010,948	₩	187,764	₩	(1,968,993)	₩	10,229,719
(in thousands of Korean won)				20	19			
		eginning balance	Va	luation	Disposals			Ending balance
Equity instruments								
Equity securities and others Hybrid capital securities	₩	1,103,889	₩	803,759	₩	-	₩	1,907,648
(consol bond)		9,940,800		162,500				10,103,300
	₩	11,044,689	₩	966,259	₩	-	₩	12,010,948

8. Trade and Other Receivables

Details of trade and other receivables as at the end of the reporting period, are as follows:

(in thousands of Korean won)	2020								
	Gro	oss amount		Provision for pairment	Net amount				
Current									
Trade receivables	₩	16,905,671	₩	_	₩	16,905,671			
Other receivables						_			
Non-trade receivables		40,969		-		40,969			
Accrued income		2,068,259		-		2,068,259			
Deposits		6,000		-		6,000			
Short-term loans									
		2,115,228				2,115,228			
	₩	19,020,899	₩		₩	19,020,899			
Non-current									
Long-term loan¹	₩	4,000,000	₩	(800,000)	₩	3,200,000			
Leasehold deposits provided		8,578,050		-		8,578,050			
	₩	12,578,050	₩	(800,000)	₩	11,778,050			

(in thousands of Korean won)	2019								
			Less: Provision						
	Gro	ss amount	impairment		Net amount				
Current									
Trade receivables	₩	16,973,995	₩	-	₩	16,973,995			
Other receivables		_							
Non-trade receivables		37,186		-		37,186			
Accrued income		2,060,694		-		2,060,694			
Deposits		2,200		-		2,200			
Short-term loans		8,200,000		-		8,200,000			
		10,300,080		_		10,300,080			
	₩	27,274,075	₩	_	₩	27,274,075			
Non-current									
Long-term loan¹	₩	-	₩	-	₩	-			
Leasehold deposits provided		-		_		-			
	₩		₩		₩	-			
Long-term loan ¹	₩		₩	- - - -	₩				

 $^{^{1}}$ The Company recognized provision for impairment on long-term loans amounting to \forall 800,000 thousand for the year ended December 31, 2020. The Company is provided with 51,111 shares of RBK Holdings Co., Ltd. and 576,895 shares of FRIXA CO.,LTD., a subsidiary of RBK Holdings Co., Ltd., as collateral in relation to long-term loans.

Trade receivables and other receivables above are classified as loan and receivables, and measured at amortized cost. There were no changes in provision for trade receivables during the reporting period. The Company considers a change of credit grade about trade receivables from starting date for granting credit to the statements of financial position date to judge recoverability of trade receivables and others.

9. Other Assets

Details of other assets as at the end of the reporting period, are as follows:

(in thousands of Korean won)	2020				2019			
	Current		Non-current		Current		Non-current	
Prepaid expenses	₩	14,273	₩	-	₩	10,312	₩	-
Others				650,018		_		650,018
	₩	14,273	₩	650,018	₩	10,312	₩	650,018

10. Property, Plant and Equipment

Details of property, plant and equipment as at the end of the reporting period, are as follows:

(in thousands of Korean won)	2020									
		Cost		cumulated epreciation	_	cumulated pairment loss	Во	ok amount		
Land	₩	3,706,818	₩	-	₩	-	₩	3,706,818		
Buildings		18,456,620		(7,458,347)		-		10,998,273		
Structures		515,082		(251,436)		-		263,646		
Vehicles		200,354		(158,614)		-		41,740		
Supplies		975,893		(862,702)		-		113,191		
Construction in progress		301,888		-		(301,888)		-		
Right-of-use assets		8,076,865		(434,609)		-		7,642,256		
	₩	32,233,520	₩	(9,165,708)	₩	(301,888)	₩	22,765,924		

(in thousands of Korean won)	2019									
	Cost		Accumulated depreciation		cumulated pairment loss	Book amount				
Land	₩	7,918,741	₩ -	₩	-	₩	7,918,741			
Buildings		25,308,592	(11,346,542)		-		13,962,050			
Structures		521,000	(241,327)		-		279,673			
Vehicles		200,354	(108,525)		-		91,829			
Supplies		894,093	(812,902)		-		81,191			
Construction in progress		301,888			(301,888)					
	₩	35,144,668	₩ (12,509,296)	₩	(301,888)	₩	22,333,484			

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

(in thousands of				2020			
Korean won)	Opening net book amount	Acquisition	Disposal	Depreciation	Transfer ¹	Others	Closing net book amount
Land	₩ 7,918,741	₩ -	₩ -	₩ -	₩ (4,211,923)	₩ -	₩ 3,706,818
Buildings	13,962,050	-	-	(527,840)	(2,435,937)	-	10,998,273
Structures	279,673	-	(3)	(16,024)	-	-	263,646
Vehicles	91,829	-	-	(50,089)	-	-	41,740
Supplies	81,191	84,000	(1)	(51,999)	-	-	113,191
Right-of-use assets		4,755,577	(16,761)	(439,020)		3,342,460	7,642,256
	₩ 22,333,484	₩ 4,839,577	₩ (16,765)	₩ (1,084,972)	₩ (6,647,860)	₩ 3,342,460	₩ 22,765,924

 $^{^{1}}$ Consists of $\mbox{$W$}$ 6,647,860 thousand, a transfer from property, plant and equipment to investment properties.

(in thousands of Korean won)	2019										
	Opening net book amount	Acquisition	Disposal	Depreciation	Transfer ¹	Closing net book amount					
Land	₩ 7,803,471	₩ -	₩ -	₩ -	₩ 115,270	₩ 7,918,741					
Buildings	14,536,888	-	(11,620)	(628,154)	64,936	13,962,050					
Structures	295,697	-	-	(16,024)	-	279,673					
Vehicles	141,917	-	-	(50,088)	-	91,829					
Supplies	97,393	34,200		(50,402)	<u> </u>	81,191					
	₩ 22,875,366	₩ 34,200	₩ (11,620)	₩ (744,668)	₩ 180,206	₩ 22,333,484					

 $^{^{1}}$ Consists of $\mbox{$W$}$ 180,206 thousand, a transfer from investment properties to property, plant and equipment.

11. Investment Properties

Details of investment properties as at the end of the reporting period, are as follows:

(in thousands of Korean won)		2020								
	Cost			ccumulated epreciation	Book amount					
Land	₩	22,502,560	₩	-	₩	22,502,560				
Buildings		34,943,608		(24,752,243)		10,191,365				
Construction in progress		5,378,200		<u>-</u>		5,378,200				
	₩	62,824,368	₩	(24,752,243)	₩	38,072,125				
(in thousands of Korean won)	2019									
		Cost		ccumulated epreciation	Book amount					
Land	₩	18,290,638	₩	-	₩	18,290,638				
Buildings		28,091,635		(19,455,202)		8,636,433				
Construction in progress		<u> </u>		<u> </u>						
	₩	46,382,275	₩	(19,455,202)	₩	26,927,071				

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

(in thousands of Korean	2020										
won)	Beginning balance	Acquisition	Depreciation	Transfer ¹	Ending balance						
Land	₩ 18,290,638	₩ -	₩ -	₩ 4,211,922	₩ 22,502,560						
Buildings	8,636,433	-	(881,006)	2,435,938	10,191,365						
Construction in progress		5,378,200			5,378,200						
	₩ 26,927,071	₩ 5,378,200	₩ (881,006)	₩ 6,647,860	₩ 38,072,125						

¹ Consists of ₩ 6,647,860 thousand, a transfer from property, plant and equipment to investment properties.

(in thousands of Korean won)	2019									
	Beginning balance		Depreciation		Transfer ¹		Ending balance			
Land	₩	18,405,908	₩	-	₩	(115,270)	₩	18,290,638		
Buildings		9,483,233		(781,864)		(64,936)		8,636,433		
	₩	27,889,141	₩	(781,864)	₩	(180,206)	₩	26,927,071		

¹ Consists of ₩ 180,206 thousand, a transfer from investment properties to property, plant and equipment.

Details of income and expenditure for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020	2019		
Rental sales	₩	1,997,156 ₩	5,479,944		
Rental income		2,138,670	2,677,103		
Operating expenses		1,820,807	2,599,783		

Fair value of investment properties at the end of the reporting period, are as follows:

(in thousands of Korean won)		2020		2019		
Book amount	₩	38,072,125	₩	26,927,071		
Fair value		168,162,605		130,993,711		

As at December 31, 2020, contractual obligation for future repairs and maintenance amount is $\mbox{$W$}$ 22,062,000 thousand, and contractual obligation to be paid after the reporting period is $\mbox{$W$}$ 16,683,800 thousand.

Operating lease

The investment properties are leased to tenants under operating leases with rentals payable monthly. Lease payments for some contracts include CPI increases, but there are no other variable lease payments that depend on an index or rate. Where considered necessary to reduce credit risk, the Company may obtain bank guarantees for the term of the lease.

Although the Company is exposed to changes in the residual value at the end of the current leases, the Company typically enters into new operating leases and therefore will not immediately realize any reduction in residual value at the end of these leases. Expectations about the future residual values are reflected in the fair value of the properties.

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

(in thousands of Korean won)	2020			2019
Within and year	₩	4 702 200	₩	4 450 417
Within one year	VV	4,702,309	۷V	4,459,417
Between 1 and 2 years		7,014,960		-
Between 2 and 3 years		7,014,960		-
Between 3 and 4 years		7,014,960		-
Between 4 and 5 years		5,588,256		-
Later than five years		2,031,210		
	₩	33,366,655	₩	4,459,417

12. Intangible Assets

Intangible assets as at the end of the reporting period, consist of:

(in thousands of Korean won)	2020									
		Cost		ccumulated nortization ¹	Book amount					
Industrial rights	₩	7,290,774	₩	(4,948,883)	₩	2,341,891				
Membership rights		5,840,326		(529,821)		5,310,505				
Construction in progress		727,290				727,290				
	₩	13,858,390	₩	(5,478,704)	₩	8,379,686				

¹ Accumulated amortization and accumulated impairment losses are included.

(in thousands of Korean won)	2019								
		Cost		ccumulated nortization ¹	Book amount				
Industrial rights	₩	5,542,875	₩	(4,118,375)	₩	1,424,500			
Membership rights		6,101,381		(763,709)		5,337,671			
Construction in progress		2,805,685				2,805,685			
	₩	14,449,940	₩	(4,882,084)	₩	9,567,856			

¹ Accumulated amortization and accumulated impairment losses are included.

December 31, 2020 and 2019

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

(in thousands of Korean won)		2020										
		eginning balance	A	equisition		Disposal	A	mortization		Transfer¹		Ending balance
Industrial rights	₩	1,424,500	₩	199,287	₩	-	₩	(830,508)	₩	1,548,612	₩	2,341,891
Membership rights		5,337,671		-		(27,166)		-		-		5,310,505
Construction in progress		2,805,685		465,072		(994,855)		_		(1,548,612)		727,290
	₩	9,567,856	₩	664,359	₩	(1,022,021)	₩	(830,508)	₩	-	₩	8,379,686

¹ Consists of ₩ 1,548,612 thousand, a transfer from construction in progress to industrial rights.

(in thousands of Korean won)		2019										
		eginning balance	Ac	quisition		Disposal	An	nortization		Transfer ¹		Ending balance
Industrial rights	₩	1,840,292	₩	89,815	₩	(170)	₩	(662,181)	₩	156,744	₩	1,424,500
Membership rights		5,337,671		-		-		-		-		5,337,671
Construction in progress		2,211,114		751,315						(156,744)		2,805,685
	₩	9,389,077	₩	841,130	₩	(170)	₩	(662,181)	₩	-	₩	9,567,856

¹ Consists of ₩ 156,744 thousand, a transfer from construction in progress to industrial rights.

13. Leases

(a) Amounts recognized in the statement of financial position

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

(in thousands of Korean won)	2020			2019		
Right-of-use assets ¹						
Buildings	₩	7,583,528	₩		-	
Vehicles		58,728				
	₩	7,642,256	₩		-	

¹ Included in property, plant and equipment in the statement of financial position.

(in thousands of Korean won)		2020	2019	
Lease liabilities ¹				
Current	₩	308,422	₩	-
Non-current		6,752,132		_
	₩	7,060,554	₩	_

¹ Included in borrowings in the statement of financial position.

Additions to the right-of-use assets and lease liabilities during the 2020 financial year were \forall 8,098,037 thousand and \forall 7,257,992 thousand, respectively.

(b) Amounts recognized in the statement of profit or loss

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					
Buildings	₩	421,884	₩	-	
Vehicles		17,136		-	
	₩	439,020	₩	-	
Interest expense relating to lease liabilities (included in finance cost)	₩	156,895	₩	-	
Expense relating to short-term leases (included in administrative expenses)		-		11,609	
Expense relating to leases of low-value assets that are not short-term leases (included in administrative expenses)		3,323		3,150	
Expense relating to variable lease payments not included in lease liabilities (included in administrative expenses)		-		-	

The total cash outflow for leases in 2020 was ₩ 340,836 thousand (2019: ₩ 14,759 thousand).

14. Investments in Subsidiaries and Associates

Set out below are the subsidiaries and associates of the Company as at the end of the reporting period.

		tage of ship (%)	_	Closing			
Name of entity	me of entity 2020 2019 Location		Location	month	Main business		
Subsidiaries							
Hankook Atlas BX Co., Ltd.	74.90	74.90	Korea	December	Manufacturing and sales of storage batteries and dry cells		
Hankook Car & Life Co., Ltd. ¹	100.0	100.0	Korea	December	Repairing automobiles and sales of parts		
Associates							
Hankook Tire & Technology Co., Ltd. ²	31.15	30.67	Korea	December	Manufacturing, reproduction processing and sales of the automobile tires, tubes and accessories.		
Hankook Networks Co., Ltd.	40.00	40.00	Korea	December	E-business and total systems management service		

¹ The Company 's effective percentage of ownership increased to 31.15% as Hankook Tire & Technology Co., Ltd., an associate of the Company, acquired 1,863,928 shares for ₩ 43,761 million during the year ended December 31, 2020.

Details of the Company's investments in subsidiaries and associates for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		20	20	2019				
		estments in Ibsidiaries	Investments in associates		estments in Ibsidiaries	Investments in associates		
Beginning balance Acquisition of subsidiaries and	₩	56,329,979	₩ 1,982,230,355	₩	30,229,979	₩ 1,964,392,002		
associates		-	-		26,100,000	17,838,353		
Impairment loss on subsidiaries and associates ¹		(26,395,000)				<u>-</u>		
Ending balance	₩	29,934,979	₩ 1,982,230,355	₩	56,329,979	₩ 1,982,230,355		

¹ Hankook Car & Life Co., Ltd., a subsidiary, were tested for impairment as accumulation of operating losses has been experienced and a future downturn in sales is expected, therefore, The Company recognized the difference between the carrying amount and the recoverable amount amounting to ₩ 26,395,000 thousand as an impairment loss for the year ended December 31, 2020. The recoverable amount of the subsidiary is calculated on a basis of the value in use and the impairment loss is recognized as 'other expenses'.

HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.)

Notes to the Separate Financial Statements December 31, 2020 and 2019

As at the end of the reporting period, the fair values of marketable investments in associates are as follows:

(in thousands of Korean won)		2020		2019
Hankook Atlas BX Co., Ltd.	₩	160,950,703	₩	145,567,804
Hankook Tire & Technology Co., Ltd.		1,497,040,785		1,274,764,424

15. Other Payables

Details of other payables as at the end of the reporting period, are as follows:

(in thousands of Korean won)	2020					2019					
	Current		Non-current			Current	Non-current				
Non-trade payables	₩	7,976,136	₩	-	₩	3,681,368	₩	_			
Accrued expenses		392,507		-		280,682		-			
Dividend payables		3,409		-		3,017		-			
Leasehold deposits received	(6,172,170		_		9,742,415					
	₩ 14,544,222		₩ -		₩	13,707,482	₩				

16. Other Liabilities

Details of current other liabilities as at the end of the reporting period, are as follows:

(in thousands of Korean won)	2020					2019				
	Current		Noi	n-current	(Current	Non-current			
Withholdings Other long-term employee		1,196,340	₩	-	₩	420,075	₩	-		
benefits				106,000		_		73,121		
	₩	1,196,340	₩	106,000	₩	420,075	₩	73,121		

Changes in other long-term employee benefits for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)	2020									
	Beginning balance		Profit	or loss	Payment		Ending balance			
Other long-term employee benefits	₩	73,121	₩	32,879	₩	-	₩	106,000		

(in thousands of Korean won)	2019									
	Beginning balance		Profi	t or loss	Payment		Ending balance			
Other long-term employee benefits	₩	41,973	₩	31,148	₩	_	₩	73,121		

17. Net Defined Benefit Liabilities

The Company operates a defined benefit pension plans for its employees with eligibility requirements. By applying the three-month average salary in the final work period service that the employee has been provided at the time of retirement, the employee has received a lump-sum payment under the scheme. Under the plan, the Company is exposed to the risk of the investment risk, interest rate risk and wage risk.

The most recent actuarial assessment of plan assets and defined benefit obligation was performed on December 31, 2020, by Samsung Securities Co., Ltd. Present value of the defined benefit obligation, its related current service cost and past service cost have been measured by the projected unit credit method.

Details of net defined benefit liabilities recognized in the statements of financial position at the end of the reporting periods, are as follows:

(in thousands of Korean won)		2020	2019			
Present value of defined benefit obligations	₩	10,321,746	₩	9,843,872		
Fair value of plan assets		(9,179,422)		(5,980,229)		
Net defined benefit liabilities (assets)	₩	1,142,324	₩	3,863,643		

The significant actuarial assumptions used in defined benefit obligations assessment at the end of the reporting periods, are as follows:

(in percentage)	2020	2019
Discount rate	3.01%	2.68%
Expected rate of salary increase	6.36%	6.39%

Movements in the defined benefit obligations and the fair value of plan assets for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)	2020									
	Present value of defined benefit obligations			ir value of an assets	Total					
Beginning balance	₩	9,843,872	₩	(5,980,229)	₩	3,863,643				
Current service cost		940,662		-		940,662				
Interest expense (income)		256,207		(143,630)	112,577					
		1,196,869		(143,630)		1,053,239				
Remeasurements: Return on plan assets (excluding amounts included in net interest) Actuarial gain from change in demographic assumptions Actuarial gain from change in financial assumptions		- - (260,626)		(147,062) - -		(147,062) - (260,626)				
Actuarial gain from experience adjustments		260,207 (419)		(147,062)		260,207 (147,481)				
Employers contributions		-		(4,000,000)		(4,000,000)				
Benefits payments		(466,741)		860,100		393,359				
Others		(251,835)		231,399	(20,436					
Ending balance	₩ 10,321,746		₩	(9,179,422)	₩	1,142,324				

(in thousands of Korean won)	2019									
	Present value of defined benefit obligations			ir value of an assets	Total					
Beginning balance	₩	6,900,298	₩	(4,197,763)	₩	2,702,535				
Current service cost		693,477		-		693,477				
Interest expense (income)		74,726		(122,660)		(47,934)				
		768,203		(122,660)		645,543				
Remeasurements: Return on plan assets (excluding amounts included in net interest) Actuarial gain from change in demographic assumptions Actuarial gain from change in financial assumptions Actuarial gain from experience adjustments		754 448,048 498,787 947,589		(13,141) - - - (13,141)		(13,141) 754 448,048 498,787 934,448				
Benefits payments		(561,557)		164,847		(396,710)				
Others		1,789,339		(1,811,512)		(22,173)				
Ending balance	₩ 9,843,872		₩	₩ (5,980,229)		3,863,643				

When significant actuarial assumptions vary within a reasonable range with all other assumptions held constant at the end of the reporting periods, the effects on the defined benefit obligations are as follows:

(in thousands of Korean won)	2020								
		Increase		Decrease					
1% change of discount rate	₩	(717,999)	₩	810,936					
1% change of salary growth rate		794,373		(717,793)					
(in thousands of Korean won)		20°	10						
(III tribusarius di Noreari wori)		Increase	13	Decrease					
1% change of discount rate 1% change of salary growth rate	₩	(746,030) 827,141	₩	847,470 (743,465)					

HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.)

Notes to the Separate Financial Statements December 31, 2020 and 2019

Amounts recognized in the statements of comprehensive income regarding defined benefit pension plans for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020		2019		
Current service cost	₩	940,662	₩	693,477		
Interest cost		112,577		(47,934)		
	₩	1,053,239	₩	645,543		

Plan assets as at the end of the reporting period, consist of:

(in thousands of Korean won)		20	20	2019				
		Total	Composition		Total	Composition		
Debt instruments	₩	9,179,421	100.0%	₩	5,980,226	100.0%		
Cash and cash equivalents		1	0.0%		3	0.0%		
	₩	9,179,422	100.0%	₩	5,980,229	100.0%		

The Company 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 ₩ 2,162,566 thousand (2019: ₩ 4,000,000 thousand).

The expected maturity analysis of undiscounted pension benefits as at the end or the reporting period, is as follows:

(in thousands of Korean won)		2020												
	Less than 1 year		Between 1-2 years			Between 2-5 years	Over 5 years			Total				
Pension benefits	₩	699,183	₩	903,380	₩	3,561,345	₩	20,067,286	₩	25,231,194				
(in thousands of Korean won)						2019								
		ss than I year	Between 1-2 years		Between 2-5 years			Over 5 years		Total				
Pension benefits	₩	546,417	₩	676,209	₩	3,042,403	₩	20,759,663	₩	25,024,692				

The weighted average duration of the defined benefit obligation is 7.6 years (2019: 8.3 years).

18. Share Capital

Details of share capital as at the end of the reporting period, are as follows:

(in Korean won, except for number of shares)		2020		2019
Authorized (in shares)		250,000,000		250,000,000
Par value	₩	500	₩	500
Outstanding (in shares):				
Ordinary share		93,020,173		93,020,173
Share capital: Ordinary share	₩	46,510,086,500	₩	46,510,086,500

19. Other Paid-in-Capital

Details of other paid-in-capital as at the end of the reporting period, are as follows:

(in thousands of Korean won)		2020		2019
Share premium	₩	1,302,628,300	₩	1,302,628,300
Treasury shares		(11,092,609)		(11,092,609)
	₩	1,291,535,691	₩	1,291,535,691

As at December 31, 2020, the Company holds 1,325,090 ordinary shares in treasury, to stabilize the market price of its shares, and records treasury share as other paid-in capital. Further appropriation of them is not determined.

20. Retained Earnings and Dividends

Retained earnings as the end of the reporting period, consist of:

(in thousands of Korean won)		2020		2019
Legal reserve:				
Earned profit reserve ¹	₩	24,761,716	₩	24,761,716
		24,761,716		24,761,716
Discretionary reserve:				
Reserve for revaluation ²		443,289,239		443,289,239
Dividend equalization reserve		60,000,000		60,000,000
Director's retirement bonus reserve		93,918,000		93,918,000
Voluntary reserve		110,000,000		110,000,000
		707,207,239		707,207,239
Unappropriated retained earnings		185,688,454		181,319,738
	₩	917,657,409	₩	913,288,693

¹ The Commercial Law of the Republic of Korea requires the Company to appropriate a portion of retained earnings as a legal reserve in an amount equal to a minimum of 10% of its cash dividends, until such reserve equals 50% of its share capital. The reserve is not available for the payment of cash dividends but may be transferred to ordinary share or used to offset accumulated deficit, if any, through a resolution of shareholders.

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

(in thousands of Korean won)	2020			2019		
Beginning balance	₩	913,288,693	₩	888,309,592		
Profit for the year		35,120,267		53,195,937		
Dividend payments		(32,093,279)		(27,508,525)		
Remeasurements of net defined benefit liabilities (assets)		111,791		(708,311)		
Reclassification of gain on disposal of equity instruments at fair value through other						
comprehensive income, net of tax		1,229,937		<u>-</u>		
Ending balance	₩	917,657,409	₩	913,288,693		

² According to the past assets revaluation law, the Company conducted assets revaluation and appropriated revaluation gains for revaluation reserve. This revaluation surplus is not allowed to use as financial resources of dividends, but it is allowed to use only for capitalization or preservation of losses.

Dividend distribution to the Company's shareholders amounted to \forall 32,093,279 thousand (paid in 2019: \forall 27,508,525 thousand) for the year ended December 31, 2019 was paid during the period.

Details of separate statements of appropriation of retained earnings for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)	2020	2019
A. D. Asia, Januaria and A. Garana, and A. G.		
Retained earnings before appropriation		
Unappropriated retained earnings carried over from prior year	₩ 149,226,458,814	₩ 128,832,111,837
Remeasurements of net defined benefit liabilities		
(assets)	111,790,899	(708,311,232)
Reclassification of gain on disposal of equity instruments at fair value through other		
comprehensive income, net of tax	1,229,937,158	-
Profit for the period	35,120,267,028	53,195,937,259
	185,688,453,899	181,319,737,864
2. Transfers such as discretionary reserves		
3. Appropriation of retained earnings		
Cash dividends (Dividends per share: 2020: ₩500 (100%)		
2019: ₩350 (70%) [*]	45,847,541,500	32,093,279,050
	45,847,541,500	32,093,279,050
4. Unappropriated retained earnings to be carried		
forward	₩ 139,840,912,399	₩ 149,226,458,814

21. Other Components of Equity

Changes in other components of equity for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)	2020							
_		Beginning balance		Increase ¹		lassification profit or loss	Ending balance	
Changes in the fair value of Financial assets at fair value through other comprehensive income	₩	958,479	₩	142,325	₩	(1,229,937)	₩	(129,133)
¹ Amount of tax effect is deducted	ed.							

(in thousands of Korean won)	2019							
	Beginning balance		Increase ¹		Reclassification to profit or loss		Ending balance	
Changes in the fair value of Financial assets at fair value through other comprehensive	M 4	000.055	\	700 404	NA/		\A/	050.470
income	₩	226,055	₩	732,424	₩	-	₩	958,479

22. Operating income

Details of operating income for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)	2020			2019		
Rental sales	₩	1,997,156	₩	5,479,944		
Training center sales		3		813		
Service sales		6,050,032		6,916,986		
Trademark right revenue		33,024,478		51,857,983		
Dividend income		23,073,118		18,395,627		
	₩	64,144,787	₩	82,651,353		

23. Operating Expenses

Operating expenses for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020	2019		
Payroll	₩	8,669,915	₩ 6,813,583		
Post-employment benefits		1,107,450	632,234		
Employee benefits		910,459	964,641		
Training expenses		14,218	69,401		
Travel expenses		13,567	262,367		
Vehicles maintenance expenses		30,036	33,502		
Insurance		63,086	56,100		
Taxes and dues		966,027	1,009,369		
Entertainment expenses		109,356	141,551		
Supplies expenses		3,656	7,866		
Publication expenses		96,221	90,989		
Communication expenses		63,646	75,283		
Utility expenses		518,241	860,898		
Repairs expenses		80,158	189,206		
Conference expenses		414	4,870		
Service fees		4,716,159	3,445,044		
Depreciation of investment property		881,006	781,863		
Depreciation of property, plant and equipment		645,951	744,668		
Amortization of intangible assets		830,508	662,181		
Depreciation of right-of-use assets		439,020	-		
Service expenses		69,492	62,531		
Shared service expenses		553,949	1,384,516		
Impairment loss		800,000	-		
Advertisement		3,759,752	5,926,892		
Miscellaneous expenses		26,612	107,873		
	₩	25,368,899	₩ 24,327,428		

24. Finance Income and Finance Costs

Details of financial income and finance costs for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020		2019
Finance income				
Interest income	₩	3,818,364	₩	4,585,838
Gains on foreign currency transaction Gains on valuation of debt instruments at fair value		1,682		3,506
through profit or loss Gains on disposal of debt instruments at fair value		1,219,515		800,743
through profit or loss		128,030		195,012
Gains on valuation of equity instruments at fair value through profit or loss		<u>-</u>		1,273,217
	₩	5,167,591	₩	6,858,316
Finance costs				
Interest expenses	₩	156,895	₩	-
Losses on foreign currency transaction		1,077		4,212
Losses on valuation of debt instruments at fair value through profit or loss		517,952		-
Losses on disposal of debt instruments at fair value through profit or loss		1,876		
	₩	677,800	₩	4,212

25. Other Non-operating Income and Expenses

Details of other non-operating income and expenses for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)	2020		2019		
Other non-operating income					
Gains on foreign currency transaction	₩	7,972	₩	5,187	
Gains on foreign currency translation		270		106	
Commission income		173,500		-	
Rental income		2,138,670		2,677,103	
Gains on disposal of property, plant and equipment		59		-	
Gains on disposal of intangible assets		150,833		-	
Miscellaneous gain	-	29,471		208,805	
	₩	2,500,775	₩	2,891,201	
Other non-operating expenses					
Losses on foreign currency transaction	₩	4,697	₩	6,858	
Losses on foreign currency translation		-		204	
Losses on disposal of property, plant and				44 620	
equipment Losses on abandonment of property, plant and		-		11,620	
equipment		4		-	
Losses on disposal of intangible assets		-		170	
Losses on abandonment of intangible assets		994,854		-	
Impairment loss on investments in subsidiaries		26,395,000		-	
Donation		3,059,910		3,141,900	
Miscellaneous loss		16,266		39,377	
	₩	30,470,731	₩	3,200,129	

26. Cash Generated from Operations

Details of cash generated from operations for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020	2019		
Adjustments for:					
Income tax expense (benefit)	₩	(19,824,545)	₩	11,673,162	
Losses on foreign currency translation		-		204	
Losses on disposal of property, plant and equipment		-		11,620	
Losses on abandonment of property, plant and equipment		4		-	
Losses on disposal of intangible assets		-		170	
Losses on abandonment of intangible assets		994,855		-	
Depreciation of investment property		881,006		781,863	
Depreciation of property, plant and equipment		1,084,971		744,668	
Amortization of intangible assets		830,508		662,181	
Other long-term employee benefits		32,880		31,148	
Post-employment benefit obligations		1,053,240		645,543	
Interest income		(3,818,364)		(4,585,838)	
Impairment loss		800,000		-	
Interest expenses		156,895		-	
Dividend received		(23,073,118)		(18,395,627)	
Gains on foreign currency translation		(270)		(106)	
Gains on disposal of property, plant and equipment		(59)		-	
Gains on disposal of intangible assets		(150,833)		-	
Impairment loss on investments in subsidiaries Gains on valuation of debt instruments at fair value		26,395,000		-	
through profit or loss		(1,219,515)		(800,743)	
Gains on disposal of debt instruments at fair value through profit or loss		(128,030)		(195,012)	
Losses on disposal of debt instruments at fair value through profit or loss		1,876		-	
Gains on valuation of equity instruments at fair value through profit or loss		-		(1,273,217)	
Losses on valuation of equity instruments at fair value through profit or loss		517,951			
	₩	(15,465,548)	₩	(10,699,984)	

(in thousands of Korean won)		2020	2019			
Changes in operating assets and liabilities:						
Decrease in trade receivables	₩	68,323	₩	2,053,306		
Decrease (increase) in non-trade receivables		(3,784)		725,449		
Decrease in advance payments		-		282,950		
Decrease (increase) in prepaid expenses		(3,961)		1,388		
Decrease (increase) in deposits		(3,800)		15,400		
Decrease in leasehold deposits received		-		(39,200)		
Decrease in non-trade payables		(1,146,385)		(305,294)		
Increase in accrued expenses		111,825		61,000		
Increase in withholdings		776,266		155,117		
Decrease in post-employment benefit obligation		(466,741)		(561,557)		
Decrease (increase) in pension plan assets		(3,160,336)		142,675		
	₩	(3,828,593)	₩	2,531,234		

The principal non-cash transaction for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020	2019
Transfer of construction in progress to intangible assets	₩	1,548,612	₩ 156,744
Transfer of property, plant and equipment to investment properties		6,647,859	180,206
Increase in non-trade payables in relation to acquisition of investment properties		5,378,200	-
Increase in non-trade payables in relation to acquisition of intangible assets		65,194	1,578
Decrease in non-trade payables in relation to acquisition of intangible assets		1,578	185,815
Increase in right-of-use assets due to recognition of lease liabilities and others		8,098,037	-
Reclassification of current portion of financial assets at fair value through profit or loss		-	10,765,774
Reclassification of long-term loans to current portion Reclassification of current portion of loans to non-		-	4,000,000
current		4,000,000	-

Changes in lease liabilities arising from financial activities for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)	thousands of Korean won) 2020			
Beginning balance	₩	-	₩	-
Exchange differences and others		-		-
Cash flows (Principal)		(180,618)		-
Cash flows (Interest expenses)		(156,895)		-
Increase in lease liabilities		7,257,992		-
Other changes (Suspend and others)		140,075		_
Ending balance	₩	7,060,555	₩	_

27. Tax Expense

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

(in thousands of Korean won)	2020			2019		
Current tax:						
Current tax on profits for the year	₩	6,367,952	₩	11,198,057		
Adjustments in respect of prior years		11,662		(26,292)		
Deferred tax:						
Origination and reversal of temporary differences		(26,123,030)		509,096		
Charged or credited directly to equity		(81,129)		(7,698)		
Income tax expense (benefit)	₩	(19,824,545)	₩	11,673,163		

The tax on the Company's profit before tax differs from the theoretical amount that would arise using the weighted average tax rate applicable to profits of the company as follows:

(in thousands of Korean won)		2020	2019		
Profit before income tax expense	₩	15,295,722	₩	64,869,100	
Tax at domestic tax rates applicable to profits in the respective countries		3,343,059		15,236,322	
Tax effects of:					
Income not subject to tax		(4,359,868)		(3,776,099)	
Expenses not deductible for tax purposes		20,288		29,837	
Income tax refund		1,725,106		347,090	
Changes of unrecognized temporary differences as deferred tax		(20,773,774)		-	
Others		220,644		(163,987)	

December 31, 2020 and 2019

(23,167,604) (3,563,159)
Income tax expense (benefit) ₩ (19,824,545) ₩ 11,673,163

The tax effect relating to components of other comprehensive income for the years ended December 31, 2020 and 2019, is as follows:

(in thousands of Korean won)		2020					2019					
	Ве	fore tax	Ta	x effect	A	After tax	В	efore tax	T	ax effect	A	After tax
Remeasurements of net defined benefit liabilities (assets) Loss on valuation of financial assets at fair value through other	₩	147,481	₩	(35,690)	₩	111,791	₩	(934,448)	₩	226,137	₩	(708,311)
comprehensive income		187,764		(45,439)		142,325		966,259		(233,835)		732,424
	₩	335,245	₩	(81,129)	₩	254,116	₩	31,811	₩	(7,698)	₩	24,113

The analysis of deferred tax assets and liabilities as at December 31, 2020 and 2019, is as follows:

(in thousands of Korean won)		2020	2019		
Deferred tax assets Deferred tax asset to be recovered after more than					
12 months	₩	6,198,280	₩ 6,490,203		
Deferred tax asset to be recovered within 12					
months		184,960	24,798		
		6,383,240	6,515,001		
Deferred tax liabilities					
Deferred tax liability to be recovered after more than 12 months		37,669,237	63,925,859		
Deferred tax liability to be recovered within 12 months		500,519	498,688		
		38,169,756	64,424,547		
Deferred tax liabilities, net	₩	(31,786,516)	₩ (57,909,546)		

The movement in deferred tax assets and liabilities during the year, without taking into consideration the offsetting of balances within the same tax jurisdiction, is as follows:

(in thousands of Korean won)	2020							
	Beginning balance	Statement of profit or loss	Other comprehensive income	Ending balance				
Deferred tax assets (liabilities)								
Unearned revenue	₩ (498,688)	₩ (1,831)	₩ -	₩ (500,519)				
Other long-term employee benefits	17,695	7,957	-	25,652				
Accrued expenses	24,797	17,253	-	42,050				
Non-trade receivables	57,335	51,211	-	108,546				
Property, plant and equipment	2,760,179	(66,791)	-	2,693,388				
Net defined benefit liabilities	597,985	(543,505)	(35,690)	18,790				
Financial assets at fair value through profit or loss	(547,232)	(145,317)	-	(692,549)				
Intangible assets	184,818	(56,130)	-	128,688				
Construction in progress	232,760	-	-	232,760				
Gain (loss) on valuation of financial assets at fair value through								
other comprehensive income	2,639,431	229,012	(45,439)	2,823,004				
Advanced depreciation provision	(2,556,024)	-	-	(2,556,024)				
Provision for impairment	-	142,909	-	142,909				
Investments in subsidiaries and associates	(60,822,602)	26,542,711	-	(34,279,891)				
Right-of-use assets	-	(1,849,426)	-	(1,849,426)				
Finance lease liabilities	-	1,708,654	-	1,708,654				
Leasehold deposits received		167,452		167,452				
	₩ (57,909,546)	26,204,159	(81,129)	(31,786,516)				

(in thousands of Korean won)	2019							
	Beginning balance		Statement of profit or loss		com	Other prehensive income	Ending balance	
Deferred tax assets (liabilities)								
Unearned revenue Other long-term employee	₩	(390,475)	₩	(108,213)	₩	-	₩	(498,688)
benefits		10,158		7,537		-		17,695
Accrued expenses		24,797		-		-		24,797
Non-trade receivables		64,254		(6,919)		-		57,335
Property, plant and equipment		2,362,295		397,884		-		2,760,179
Net defined benefit liabilities Financial assets at fair value		654,014		(282,166)		226,137		597,985
through profit or loss		(138,702)		(408,530)		-		(547,232)
Intangible assets		201,521		(16,703)		-		184,818
Construction in progress Gain (loss) on valuation of financial assets at fair value through		232,760		-		-		232,760
other comprehensive income		2,957,555		(84,289)		(233,835)		2,639,431
Advanced depreciation provision	(2	2,556,024)		-		-		(2,556,024)
Investments in subsidiaries and associates	(60),822,602)		_		_		(60,822,602)
		7,400,449)		(501,398)		(7,698)		(57,909,546)

To determine the realizability of deferred tax assets, all available positive and negative evidences are considered, including the Company's performance, the market environment in which the Company operates, forecasts of future profitability, the utilization period of past tax credits, and other factors. Management periodically considers these factors in reaching its conclusion and deferred tax assets are not recognized if the realizability is uncertain. There are no unrecognized deductible (taxable) temporary differences as deferred tax assets (liabilities) as at December 31, 2020 and 2019.

28. Related Party Transactions

Details of related parties as at December 31, 2020, are as follows:

Туре	Name of related parties
Individuals	Yang-Rai Cho, Hyun-Shick Cho, Hyun-Bum Cho
Subsidiaries	Hankook Atlas BX Co., Ltd., Atlas BX Motorsports Co., Ltd., Hankook AtlasBX America Corporation, Hankook Car & Life Co., Ltd., HK Motors Co., Ltd., Han Automobile Co., Ltd., Wavers Corp.
Associates	Hankook Tire & Technology Co., Ltd., Hankook Networks Co., Ltd.
Domestic subsidiaries of associates ¹	Hankook Engineering Works Co., Ltd., Hankook Precision Works Co., Ltd., Hankook Donggeurami Partners Co., Ltd., KCG 1 Private Equity Fund Limited Partnership, Model Solution Co., Ltd, TNA CO., LTD.
Overseas subsidiaries of associates	Hankook Tire America Corp., Hankook Tyre U.K. Ltd., Jiangsu Hankook Tire Co., Ltd., Hankook Tire China Co., Ltd., Shanghai Hankook Tire Sales Co., Ltd., Hankook Tire Netherlands B.V., Hankook Tire Japan Corp., Hankook Tire Canada Corp., Hankook Reifen Deutschland GmbH, Hankook Tire France SARL, Hankook Tire Italia S.R.L., Hankook Espana S.A., Hankook Tyre Australia Pty., Ltd., Hankook Tire Hungary Ltd., Hankook Tire Europe Holdings B.V, Hankook Tire Europe GmbH, Hankook Tire Budapest Kereskedelmi Kft, Hankook Tire DE Mexico, S.A. DE C.V., Chongqing Hankooktire Co., Ltd., Hankook Tire Rus LLC, PT. HANKOOKTIRE INDONESIA, MK Mold (Jiaxing) Co., LTD, Hankook Tire Singapore PTE., Ltd., Hankook Tire Malaysia SDN.BHD., Hankook Tire Sweden AB, Beijing Jielun Trading Company Co., Ltd., Hankook Lastikleri A.S., Hankook Tire Polska Sp. z o.o., Hankook Tire Thailand Co., Ltd., Hankook Tire de Colombia Ltda., Hankook Tire America Holdings I, LLC, Hankook Tire America Holdings II, LLC, Hankook Tire Manufacturing Tenessee LP, Hankook Tire Ceska Republika s.r.o. MK Technology (CHONGQING) Mould Co., Ltd., Hankook Networks America, Inc (formerly, Emfrontier America), Hankook Tyre Australia Retail Pty., Ltd., JAX Quickfit Franchising Systems Unit Trust., JAX Quickfit Franchising Systems Pty Ltd., JAX Quickfit Properties Pty Ltd., Hankook Tire Latin America Distribution Center, S.A., Hankook Tire Ukraine LLC, ModelSolution Inc., Reifen-Muller KG, Reifen-Muller Runderneuerung BV, RM Verwaltungs GmbH, RU Verwaltungs GmbH, Hankook Tire Paustria GmbH
Other related parties ²	Shin-Yang Tourist Development, Shin-Yang World Leisure, FWS Investment Advisory, Daehwa Eng' & Machinery Jiaxing Co., Ltd., ARUM Electronics Co., Ltd. (formerly, YKT Co., Ltd.), Seil Hwangyeong Co., Ltd., Doowon Holdings Co., Ltd., ARUM Dentistry Co., Ltd., Janji.CO., LTD

¹ In the case of Wavers Corp., although it is stated as the holding company's subsidiary, it is not stated in the affiliates because the Korea Fair Trade Committee's declaration of delaying its inclusion to the group until June 27, 2026, was applied. On April 1, 2020, HK Motors Co., Ltd., a subsidiary, merged with JAX Motors Co., Ltd., and the name of existing company after the merge is HK Motors Co., Ltd.

² Although the entity is not the related party of the Company in accordance with Korean IFRS 1024, it includes companies belongs to the Large Enterprise Group to which the Company also belongs in accordance with the Monopoly Regulation and Fair Trade Act.

Transactions between the Company and related parties for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)	2020									
,	Name of entity		operating income ¹	-	perating penses	Other income				
Subsidiaries	Hankook Atlas BX Co., Ltd.	₩	2,763,062	₩	-	₩	63,490			
	HK Motors, Co., Ltd.		-		-		17,997			
	Hankook Car & Life Co., Ltd.		-		-		1,212			
Associates	Hankook Tire & Technology Co., Ltd.		59,455,536		743,907		505,621			
	Hankook Networks Co., Ltd.		-		23,647		45,204			
Domestic subsidiaries of	Hankook Donggeurami Partners Co., Ltd. and									
associates	othrers		2,145		72,211		65,798			
Overseas subsidiaries of	Hankook Tire Canada Corp. and others				05 624					
associates Other related	Shin-Yang Tourist		-		95,634		-			
parties	Development and others		_		_		5,674			
		₩	62,220,743	₩	935,399	₩	704,996			

¹ Dividends received from the subsidiaries and associates are included.

(in thousands of Korean won)		2019		
·	Name of entity	Operating income ¹	Operating expenses	Other income
Subsidiaries	Hankook Atlas BX Co., Ltd.	₩ 2,197,404	₩ -	₩ -
	HK Motors, Co., Ltd.	-	-	143,444
	Hankook Car & Life Co., Ltd.	-	-	7,272
Associates	Hankook Tire & Technology Co., Ltd.	77,332,854	1,452,756	1,258,800
Domestic	Hankook Networks Co., Ltd. Hankook Donggeurami	-	63,111	-
subsidiaries of associates	Partners Co., Ltd. and othrers	5,780	83,498	2,580
Overseas subsidiaries of associates	Hankook Tire Canada Corp. and others	_	95.029	-
Other related parties	Shin-Yang Tourist Development and others	450	_	5,814
partics	Development and others	₩ 79,536,488	₩ 1,694,394	₩ 1,417,910

¹ Dividends received from the subsidiaries and associates are included.

Outstanding balances of receivables and payables at the end of the reporting period, are as follows:

(in thousands of									
Korean won)				202	0				
			Trade		Other	No	n-trade		Other
	Name of entity	rec	eivables	re	ceivables	pa	ıyables	p	ayables
Subsidiaries	Hankook Atlas BX Co., Ltd.	₩	615,770	₩	-	₩	-	₩	-
Associates	Hankook Tire & Technology Co., Ltd.		16,229,396		8,578,050		188,396		7,061,419
	Hankook Networks Co., Ltd.		24,862		-		164		-
Domestic subsidiaries of associates	Hankook Engineering Works Co., Ltd. and others		35,643		-		-		-
Overseas subsidiaries of associates	Hankook Tire Canada Corp. and others		_		-		7,728		_
Other related parties	Shin-Yang Tourist Development and others		-		533		-		105,503
	·	₩	16,905,671	₩	8,578,583	₩	196,288	₩	7,166,922

HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.)

Notes to the Separate Financial Statements

December 31, 2020 and 2019

(in thousands of Korean won)				2019	۵				
Kolean won	Name of entity		Trade receivables		Other receivables		Non-trade payables		Other ayables
Subsidiaries	Hankook Atlas BX Co., Ltd.	₩	1,163,723	₩	-	₩	-	₩	-
	HK Motors Co., Ltd.		-		4,343,444		-		-
	Hankook Car & Life Co., Ltd. Hankook Tire & Technology		-		-		-		13,321
Associates	Co., Ltd.		15,810,271		4,266		386,720		2,335,890
	Hankook Networks Co., Ltd.		-		-		4,206		-
Domestic subsidiaries of associates	Hankook Donggeurami Partners Co., Ltd. and others		-		748		1,093		4,650
Overseas subsidiaries of associates	Hankook Tire Canada Corp. and others		-		-		7,954		-
Other related parties	Shin-Yang Tourist Development and others		-		-		-		105,503
	·	₩	16,973,994	₩	4,348,458	₩	399,973	₩	2,459,364

Loans to related parties for the years ended December 31, 2020 and 2019, are as follows:

(in thousand	s of Korean won)				2	020			
			eginning balance		Increase		Decrease	Endin	g balance
Subsidiary	HK Motors Co., Ltd	₩	4,200,000	₩	-	₩	(4,200,000)	₩	-
(in thousand	s of Korean won)				2	019			
			eginning balance		Increase		Decrease	Endin	g balance
Subsidiary	HK Motors Co., Ltd	₩	-	₩	4,200,000	₩	-	₩	4,200,000

Payment of leasehold deposits provided to related parties for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Ko	orean won)		20	20		2019		19	
	Name of entity	Paid Received Paid				Received			
Subsidiaries	Hankook Car & Life Co., Ltd.	₩	13,321	₩	-	₩	-	₩	-
Associate	Hankook Tire & Technology Co., Ltd.		11,545,890		-		34,200		-
Domestic subsidiaries of associates	Hankook Donggeurami Partners Co., Ltd.		4,650		<u>-</u>				<u>-</u>
		₩	11,563,861	₩	-	₩	34,200	₩	_

Dividend income and contributions in cash from/to related parties for the years ended December 31, 2020 and 2019, are as follows:

(in thousand	s of Korean won)				2020			2019			
				Rep	ayment of						_
5	Name of entity	Dividend lease Contributions income liabilities in cash		_	Dividend income		ntributions in cash				
Subsidiaries	Hankook Atlas BX Co., Ltd. Hankook Car & Life Co.,	₩	1,139,474	₩	-	₩	-	₩	1,139,474	₩	-
Accesiate	Ltd. Hankook Tire & Technology		-		-		-		-		26,100,000
Associate	Co., Ltd.		20,897,777		320,078	-	_		16,833,895		17,838,353
		₩	22,037,251	₩	320,078	₩		₩	17,973,369	₩	43,938,353

¹ The Company entered into a lease contract for buildings, and the balance of right-of-use assets and lease liabilities is \forall 7,583,528 thousand and \forall 7,001,419 thousand, respectively, as at December 31, 2020. Interest expense of lease liabilities amount to \forall 156,130 thousand for the year ended December 31, 2020.

Compensations for key management for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020	2019			
Short-term benefits	₩	3,932,792	₩	2,266,066		
Post-employment benefits	-	502,271		308,921		
	₩	4,435,063	₩	2,574,987		

Key management refers to the directors (registered and non-registered) and audit committee members who have significant authority and responsibility in respect to planning, operating and controlling of the Company's business activities.

29. Contingencies and Commitments

Details of outstanding credit facility agreements of the Company at the end of the reporting period, are as follows:

(in thousands on I	Korean won)		202	20		2019			
		Commitment amount			Korean won	Commitment amount			Korean won
Purchase card agreements	Shinhan Bank	KRW	4,000,000	₩	4,000,000	KRW	5,000,000	₩	5,000,000
General loans agreements	Woori Bank	KRW	4,000,000		4,000,000	KRW	5,000,000		5,000,000
		KRW	8,000,000	₩	8,000,000	KRW	10,000,000	₩	10,000,000

As at December 31, 2020, the Company entered into supply contract with Hankook Tire & Technology Co., Ltd. and Hankook Atlas BX Co., Ltd., a related party, to provide trademark license, and a lease agreement with Hankook Tire & Technology Co., Ltd. and Shin-Yang World Leisure.

In addition, the Company has a supply contract with Hankook Tire & Technology Co., Ltd. to provide supporting work regarding planning and investment and to be provided with several finance, accounting and legal support.

In addition, the Company entered into a demand contract to be provided with maintenance service for the Company's information system with Hankook Networks Co., Ltd., a related party.

As at December 31, 2020, the Company is currently accused of two pending litigation (litigation value: \forall 300 million). As at December 31, 2020, the Company cannot reasonably estimate the impact from the result of the case on its financial statements. In relation to this, the Company carries deposit guarantee insurance amounting to \forall 300 million with Seoul guarantee insurance company.

The Company is provided with 51,111 shares of RBK Holdings Co., Ltd. and 576,895 shares of FRIXA CO.,LTD., a subsidiary of RBK Holdings Co., Ltd., as collateral in relation to long-term loans.

30. Operating Segment Information

The Company had a single operating segment and does not disclose information by business segment.

The Company derives the following types of revenue:

(in thousands of Korean won)		2020	2019		
Service sales	₩	8,047,191	₩	12,397,743	
Trademark right revenue		33,024,478		51,857,983	
Dividend income		23,073,118		18,395,627	
	₩	64,144,787	₩	82,651,353	

Revenue from external customers broken down by location of the Company for the years ended December 31, 2020 and 2019, are shown as follows:

(in thousands of Korean won)		2020		2019
Korea (headquarter)	₩	64,144,787	₩	82,651,353

Details of external customers, who contribute more than 10% of the Company's revenue for the years ended December 31, 2020 and 2019, are as follows:

(in thousands of Korean won)		2020		2019
A Company	₩	59,455,536	₩	77,332,854

31. Earnings Per Share

The Company's basic earnings per share attributable to equity holders of Parent Company for the years ended December 31, 2020 and 2019, are computed as follows:

(in Korean won, except for number of shares)		2020		2019
Profit attributable to the ordinary equity holders ¹ Weighted-average number of ordinary shares	₩	35,120,267,028	₩	53,195,937,259
outstanding (in share) ²		91,695,083		91,695,083
Basic earnings per share	₩	383	₩	580

¹ As there are no adjustments during the reporting period, profit attributable to the ordinary equity holders of Parent Company is identical to profit attributable to owners of the Parent Company in the statements of comprehensive income.

The Company did not issue any potential ordinary shares. Therefore, basic earnings per share is identical to diluted earnings per share.

32. Credit risk

The Company is exposed to credit risk if the counterparty does not make payment by the due date.

- Payment of trade receivables by payment term for the customer
- Contractual cash flow of debt instruments at amortized costs
- Contractual cash flow of debt instruments at fair value through other comprehensive income

A. Trade receivables

The Company applies the simplified approach to measuring expected credit losses which uses a lifetime expected loss allowance for all trade receivables.

To measure the expected credit losses, trade receivables have been grouped based on shared credit risk characteristics and the days past due. Loss allowance was not recognized at the end of the reporting period and no related loss was recognized as 'operating expenses' in profit or loss for the years ended December 31, 2020 and 2019.

Gross book amount of trade receivables, the maximum exposure amount, is \forall 16,905,671 thousand at the reporting period (2019: \forall 16,973,995 thousand).

² The Company's outstanding ordinary shares excluding the number of treasury share acquired are weighted averaged.

B. Other financial assets at amortized cost

Other financial assets at amortized cost include government bonds, loans to related parties, and other receivables. Loss allowance for Other financial assets amortized cost amounting to $\forall 800,000$ thousand was recognized at the end of the reporting period and related loss amounting to $\forall 800,000$ thousand was recognized as 'operating expenses' in profit or loss for the years ended December 31, 2020 and 2019.

All of the financial assets at amortized costs are considered to have low credit risk, and the loss allowance recognized during the period was, therefore, limited to 12 months expected losses. Management consider 'low credit risk' for government bonds Other instruments are considered to be low credit risk when they have a low risk of default and the issuer has a strong capacity to meet its contractual cash flow obligations in the near term.

C. Debt investments at fair value through other comprehensive income

Debt investments at fair value through other comprehensive income include government bonds, corporate bonds and trade receivables subject to be sold. The loss allowance for debt investments at fair value through other comprehensive income is recognized in profit or loss and reduces the fair value loss otherwise recognized in other comprehensive income. Loss allowance for Debt investments at fair value through other comprehensive income was not recognized at the end of the reporting period and no related loss was recognized as ' finance costs' in profit or loss for the years ended December 31, 2020 and 2019.

All of the debt investments at fair value through other comprehensive income are considered to have low credit risk, and the loss allowance recognized during the period was, therefore, limited to 12 months expected losses. Other instruments are considered to be low credit risk when they have a low risk of default and the issuer has a strong capacity to meet its contractual cash flow obligations in the near term.

33. Events After the Reporting Period

In order to diversify the business portfolio and discover areas where future sustainable growth is available through transformation into a business holding company, the Company resolved and approved to merge with HANKOOK ATLASBX CO.,LTD., a subsidiary, on April 1, 2021 at the Board of Directors meeting held on February 15, 2021.





Report on Independent Auditor's Audit of Internal Control over Financial Reporting

(English Translation of a Report Originally Issued in Korean)

To the Board of Directors and Shareholders of HANKOOK & COMPANY CO., LTD. (formerly, Hankook Technology Group Co., Ltd.)

Opinion on Internal Control over Financial Reporting

We have audited HANKOOK & COMPANY CO., LTD.'s (the Company) Internal Control over Financial Reporting as of December 31, 2020, based on *Conceptual Framework for Designing and Operating Internal Control over Financial Reporting*.

In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2020, based on *Conceptual Framework for Designing and Operating Internal Control over Financial Reporting.*

We also have audited, in accordance with Korean Standards of Auditing, the separate financial statements of the Company, which comprise the separate statement of financial position as at December 31, 2020, and the separate statement of comprehensive income, separate statement of changes in equity and separate statement of cash flow for the year then ended, and notes to the separate financial statements including a summary of significant accounting polices, and our report dated March 22, 2021 expressed an unqualified opinion.

Basis for Opinion on Internal Control over Financial Reporting

We conducted our audit in accordance with Korean Standards on Auditing. Our responsibility under these standards are further described in the *Auditor's Responsibilities for the Audit of Internal Control over Financial Reporting* section of our report. We are independent of the Company in accordance with the ethical requirements of the Republic of Korea that are relevant to our audit of internal control over financial reporting 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.

Responsibilities of Management and Those Charged with Governance for Internal Control over Financial Reporting

Management is responsible for designing, implementing and maintaining effective internal control over financial reporting, and for its assessment and the effectiveness of internal control over financial reporting, included in the accompanying *Internal Control over Financial Reporting Operating Status Report by CEO & Internal Accounting Manager*.

Those charged with governance have the responsibilities for overseeing internal control over financial reporting.

Auditor's Responsibilities for the Audit of Internal Control over Financial Reporting

Our responsibility is to express opinion on the Company's internal control over financial reporting based on our audit. We conducted the audit in accordance with Korean Standards on Auditing. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

An audit of internal control over financial reporting involves performing procedures to obtain audit evidence about whether a material weakness exists. The procedures selected depend on the auditor's judgment, including the assessment of the risks that a material weakness exists. An audit includes obtaining an understanding of internal control over financial reporting and evaluating the design and operating effectiveness of internal control over financial reporting based on the assessed risk.

Definition and Inherent Limitations of Internal Control over Financial Reporting

An entity's internal control over financial reporting is a process effected by those charged with governance, management, and other personnel, designed to provide reasonable assurance regarding the preparation of reliable financial statements in accordance with International Financial Reporting Standards as adopted by the Republic of Korea. An entity's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the entity; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with International Financial Reporting Standards as adopted by the Republic of Korea, and that receipts and expenditures of the entity are being made only in accordance with authorizations of management and those charged with governance; and (3) provide reasonable assurance regarding prevention, or timely detection and correction of unauthorized acquisition, use, or disposition of the entity's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent, or detect and correct, misstatements. Also, projections of any assessment of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

The engagement partner on the audit resulting in this independent auditor's report is Keun-young, Chung, Certified Public Accountant.
Samil PriceWaterhouseCoopers
Seoul, Korea March 22, 2021
This report is effective as of March 22, 2021, the audit 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 Company's internal control over financial reporting 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.

Report on the Effectiveness of Internal Control over Financial Reporting

To the Shareholders, Board of Directors, and Audit Committee of Hankook & Company Co., Ltd.

We, as the Chief Executive Officer and the Internal Accounting Manager of Hankook & Company Co., Ltd. ("the Company"), assessed operating status of the Company's Internal Control over Financial Reporting ("ICFR") for the year ending December 31, 2020.

Design and operation of ICFR is the responsibility of the Company's management, including the Chief Executive Officer and the Internal Accounting Manager (collectively, "We", "Our" or "Us").

We evaluated whether the Company effectively designed and operated its ICFR to prevent and detect errors or frauds which may cause a misstatement in financial statements to ensure preparation and disclosure of reliable financial information.

We used the 'Conceptual Framework for Designing and Operating Internal Control over Financial Reporting' established by the Operating Committee of Internal Control over Financial Reporting in Korea (the "ICFR Committee")' as the criteria for design and operation of the Company's ICFR. And we conducted an evaluation of ICFR based on the 'Management Guideline for Evaluating and Reporting Effectiveness of Internal Control over Financial Reporting' established by the ICFR Committee.

Based on our assessment, the Company's ICFR is designed and operated effectively as of December 31, 2020 in accordance with the 'Conceptual Framework for Designing and Operating Internal Control over Financial Reporting'.

We certify that this report does not contain any untrue statement of a fact, or omit to state a fact necessary to be presented herein. We also certify that this report does not contain or present any statements which might cause material misunderstandings of the readers, and we have reviewed and verified this report with sufficient care.

February 25, 2021

Cho, Hyun Bum

Chief Executive Officer

Won, Jong Pil

Internal Accounting Manager