

SK Holdings Co., Ltd.

Interim condensed separate financial statements for the three months ended March 31, 2020 and 2019 with the independent auditor's review report

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Report on review of interim condensed separate financial statements

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Ernst & Young Han Young Taeyoung Building, 111, Yeouigongwon-ro, Yeongdeungpo-gu, Seoul 07241 Korea

Tel: +82 2 3787 6600 Fax: +82 2 783 5890 ey.com/kr

Independent Auditor's Review Report

SK Holdings Co., Ltd. The Shareholders and Board of Directors

We have reviewed the accompanying interim condensed separate financial statements of SK Holdings Co., Ltd. (the "Company"), which comprise the interim condensed separate statement of financial position as of March 31, 2020, and the interim condensed separate statements of comprehensive income for the three months ended March 31, 2020 and 2019, interim condensed separate statements of changes in equity and interim condensed separate statements of changes in equity and interim condensed separate statements of a summary of significant accounting policies and other explanatory information.

Management's responsibility for the interim condensed separate financial statements

Management is responsible for the preparation and fair presentation of these interim condensed separate financial statements in accordance with Korean International Financial Reporting Standards (KIFRS) 1034 *Interim Financial Reporting*, and for such internal control as management determines is necessary to enable the preparation of the interim financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's responsibility

Our responsibility is to express a conclusion on these interim condensed separate financial statements based on our review.

We conducted our review in accordance with the review standard for interim financial statements in the Republic of Korea. A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Korean Auditing Standards (KGAAS). Consequently, it does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.



Conclusion

Based on our review, nothing has come to our attention that causes us to believe that the accompanying interim condensed separate financial statements presented in Korean won are not presented fairly, in all material respects, in accordance with KIFRS 1034 *Interim Financial Reporting*.

Other matter

We have audited the separate statement of financial position of the Company as of December 31, 2019, and the related separate statement of comprehensive income, separate statement of changes in equity and separate statement of cash flows for the year then ended in accordance with KGAAS (not presented herein), and our report dated March 10, 2020 expressed an unqualified opinion thereon. The accompanying separate statement of financial position as of December 31, 2019, presented for comparative purposes is not different, in all material respects, from the above audited separate statement of financial position.

Einst Joung Han Joung

May 15, 2020

This review report is effective as of May 15, 2020, the independent auditor's review report date. Accordingly, certain material subsequent events or circumstances may have occurred during the period from the date of the independent auditor's review report to the time this review report is used. Such events and circumstances could significantly affect the accompanying interim condensed separate financial statements and may result in modifications to this review report.

SK Holdings Co., Ltd.

Interim condensed Separate financial statements for the three months ended March 31, 2020 and 2019

"The accompanying interim condensed separate financial statements, including all footnotes and disclosures, have been prepared by, and are the responsibility of, the Company."

Tae-Won Chey, Dong-Hyun Jang and Sungha Park Chief Executive Officers SK Holdings Co., Ltd.

SK Holdings Co., Ltd. Interim condensed separate statements of financial position as of March 31, 2020 and December 31, 2019 (Korean won in millions and U.S. dollar in thousands)

		_	Korea	ın wo	on		Translation in (No	nto U te 2)	.S. dollar
	Notes	(March 31, 2020 Unaudited)	C	December 31, 2019		March 31, 2020 (Unaudited)	٦	December 31, 2019
Assets			,	·			, ,		
Current assets:									
Cash and cash equivalents	4	₩	821,210	₩	57,805	\$	671,691	\$	47,280
Short-term financial instruments	4,29		90,790		152,952		74,260		125,104
Trade receivables, net	4,5,26,29		446,603		476,271		365,290		389,556
Other receivables, net	4,26,29		342,030		1,117		279,756		914
Inventories, net	6		179		147		146		120
Short-term investment securities	4,7		17,339		17,339		14,182		14,182
Other current assets	4,17,18,26,29		77,608		76,744		63,478		62,771
Total current assets			1,795,759		782,375		1,468,803		639,927
Non-current assets:									
Long-term investment securities	4,7,29		590,957		565,688		483,361		462,693
Investments in subsidiaries	8		17,305,770		17,305,770		14,154,891		14,154,891
Investments in associates and									
joint ventures	9		815,389		787,657		666,930		644,248
Property, plant and equipment, net	10		518,738		520,222		424,291		425,505
Right-of-use asset, net	11		54,997		40,393		44,984		33,039
Investment properties, net	12		7,820		7,927		6,396		6,484
Intangible assets, net	13		2,127,668		2,122,103		1,740,281		1,735,730
Other non-current assets	4,17,18,26,29		397,491		402,951		325,119		329,585
Total non-current assets		337	21,818,830	117	21,752,711	<u></u>	17,846,253	•	17,792,175
Total assets		₩	23,614,589	<u>w</u>	22,535,086	<u>⊅</u>	19,315,056	\$	18,432,102
Liabilities and equity									
Liabilities									
Current liabilities:						-		+	
Short-term borrowings	4,14,29	₩	1,830,000	₩	1,680,000	\$	1,496,810	\$	1,374,121
Trade payables	4,26,29		100,030		160,253		81,817		131,076
Other payables	4,26,29		52,426		111,254		42,881		90,998
Accrued expenses Provisions	4,26,29 15		248,568 5,604		76,116 6,546		203,311 4,584		62,257 5,354
Current portion of long-term debt	4,14,29		1,112,641		1,132,548		910,061		926,344
Other current liabilities	4,11,17,18,26,29		226,645		146,365		185,380		119,716
Total current liabilities	4,11,17,10,20,20		3,575,914		3,313,082		2,924,844		2,709,866
			0,070,014		0,010,002		2,024,044		2,700,000
Non-current liabilities:									
Bonds payable	4,14,29		5,200,475		5,192,962		4,253,619		4,247,474
Defined benefit liabilities	16		50,960		32,147		41,682		26,294
Deferred tax liabilities	24		346,218		336,100		283,182		274,906
Provisions	15		280		-		229		-
Other non-current liabilities Total non-current liabilities	4,11,17,18,26,29		270,389 5,868,322		258,233		<u>221,159</u> 4,799,871		211,216
Total liabilities			9,444,236		5,819,442 9,132,524		7,724,715		4,759,890 7,469,756
			, ,		, ,		, ,		, ,
Equity									
Issued capital	1,19		15,385		15,385		12,584		12,584
Other paid-in capital	19		3,504,879		3,504,680		2,866,742		2,866,579
Retained earnings	19		10,638,404		9,870,812		8,701,457		8,073,625
Other components of equity	19		11,685		11,685		9,558		9,558
Total equity			14,170,353		13,402,562		11,590,341		10,962,346
Total liabilities and equity		₩	23,614,589	₩	22,535,086	\$	19,315,056	<u>\$</u>	18,432,102

The accompanying notes are an integral part of the interim condensed separate financial statements.

SK Holdings Co., Ltd. Interim condensed separate statements of comprehensive income for the three months ended March 31, 2020 and 2019 (Korean won in millions and U.S. dollar in thousands, except earnings per share)

				For	the three mon	ths er	nded March 31		
			Korea	an wo	n		Translation in (No	nto U te 2)	.S. dollar
	Notes	(U	2020 Inaudited)	(2019 Unaudited)	(2020 Unaudited)	(2019 Unaudited)
Operating revenue Operating expenses	20,26 21,22,26	₩	1,444,960 392,991	₩	1,502,773 383,286	\$	1,181,875 321,439	\$	1,229,162 313,501
Operating profit			1,051,969		1,119,487		860,436		915,661
Finance income Finance costs Other non-operating income Other non-operating expenses	23 23 23 23		3,180 50,701 1,737 3,491		3,469 48,376 344 626		2,601 41,470 1,421 2,855		2,837 39,568 281 512
Profit before income tax expense			1,002,694		1,074,298		820,133		878,699
Income tax expense	24		19,797		29,186		16,193		23,872
Profit for the period		₩	982,897	₩	1,045,112	<u>\$</u>	803,940	<u>\$</u>	854,827
Other comprehensive income (loss): Items not to be reclassified to profit or loss in subsequent periods: Remeasurement loss on defined benefit plans	16		(3,802)		(3,779)		(3,110)		(3,091)
Total comprehensive income for the period		₩	979,095	₩	1,041,333	<u>\$</u>	800,830	\$	851,736
Earnings per share (Korean won and U.S. dollar): Basic earnings per share	25	₩	18,781	₩	18,711	\$	15.36	\$	15.30

The accompanying notes are an integral part of the interim condensed separate financial statements.

SK Holdings Co., Ltd. Interim condensed separate statements of changes in equity for the three months ended March 31, 2020 and 2019 (Korean won in millions)

							0 U U U	Uther components of	
	Issi	Issued capital	Other p	Other paid-in capital	Ret	Retained earnings		equity	Total equity
As of January 1, 2019	M	15,385	₩	4,411,253	₩	8,743,527	₩	(2,029) W	13,168,136
Effect of changes in accounting policies		•		•		5,246		ı	5,246
As of January 1, 2019 (Restated)	æ	15,385	W	4,411,253	₩	8,748,773	₩	(2,029) W	13,173,382
Total comprehensive income:									
Profit for the period		•				1,045,112		ı	1,045,112
Remeasurement loss on defined benefits plans		•		•		(3,779)		ı	(3,779)
Dividends		•		•		(225,583)			(225,583)
Stock option		•		382		•			382
As of March 31, 2019 (Unaudited)	M	15,385	₩	4,411,635	₩	9,564,523	≱	(2,029) W	13,989,514
As of January 1, 2020	æ	15,385	₩	3,504,680	₩	9,870,812	₩	11,685 W	13,402,562
Total comprehensive income:									
Profit for the period				'		982,897		ı	982,897
Remeasurement loss on defined benefits plans		•		•		(3,802)		ı	(3,802)
Dividends		•		•		(211,503)			(211,503)
Stock option		•		199		•			199
As of March 31, 2020 (Unaudited)	M	15,385	W	3,504,879	W	10,638,404	W	11,685 W	14,170,353

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SK Holdings Co., Ltd. Interim condensed separate statements of changes in equity for the three months ended March 31, 2020 and 2019 (cont'd)

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							Other o	Other components of	
		Issued capital	Other paid-in capital	n capital	Retained	Retained earnings		equity	Total equity
As of January 1, 2019	÷	12,584	\$	3,608,092	÷	7,151,584	÷	(1,660) \$	10,770,600
Effect of changes in accounting policies		•		•		4,291		•	4,291
As of January 1, 2019 (Restated)	÷	12,584	÷	3,608,092	\$	7,155,875	\$	(1,660) \$	10,774,891
Total comprehensive income:									
Profit for the period		•		•		854,827			854,827
Remeasurement loss on defined benefits plans		•				(3,091)			(3,091)
Dividends		•		•		(184, 510)		•	(184, 510)
Stock option		•		312					312
As of March 31, 2019 (Unaudited)	ഗ	12,584	\$	3,608,404	\$	7,823,101	∾	(1,660) \$	11,442,429
	÷	10101	÷	022 230 0	ŧ	0 0 1 0 C	ŧ		10 000 01
AS OT JANUARY 1, 2020	А	12,584	æ	2,800,5/9	æ	8,073,625	÷	A, 558 A	10,962,346
Total comprehensive income:									
Profit for the period		•		ı		803,940			803,940
Remeasurement loss on defined benefits plans		•		'		(3,110)			(3,110)
Dividends		•		'		(172,996)			(172,996)
Stock option		•		163					163
As of March 31, 2020 (Unaudited)	÷	12,584	÷	2,866,742	\$	8,701,457	\$	9,558 \$	11,590,341

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The accompanying notes are an integral part of the interim condensed separate financial statements.

SK Holdings Co., Ltd. Interim condensed separate statements of cash flows for the three months ended March 31, 2020 and 2019 (Korean won in millions and U.S. dollar in thousands)

				For	the three mont	hs	ended March 3	1	
							Translation in	nto I	J.S. dollar
			Korea	an w	/on		(No	te 2)	
			2020		2019		2020		2019
	Notes	(Unaudited)		(Unaudited)		(Unaudited)		(Unaudited)
Cash flows from operating activities:									
Profit for the period		₩	982,897	₩	1,045,112	\$	803,940	\$	854,827
Non-cash adjustments	27		(883,014)		(946,150)		(722,243)		(773,884)
Working capital adjustments	27		(51,085)		22,553		(41,784)		18,447
Interest received			805		1,297		658		1,061
Interest paid			(51,549)		(47,125)		(42,163)		(38,545)
Dividends received			657,038		604,377		537,410		494,337
Income taxes paid			(407)		(503)		(333)		(411)
Net cash provided by operating activities			654,685		679,561		535,485		555,832
Cash flows from investing activities:									
Increase (decrease) in short-term and long-term financial instruments, net			62,162		(57,269)		50.844		(46,842)
Proceeds from disposal of property, plant and equipment			4		12		3		10
Proceeds from disposal of intangible assets			-		20		-		16
Acquisition of long-term investment securities			(25,211)		(104,142)		(20,621)		(85,181)
Acquisition of investments in subsidiaries			-		(288,221)		-		(235,744)
Acquisition of investments in associates			(27,732)		(8,421)		(22,683)		(6,888)
Acquisition of property, plant and equipment			(10,228)		(7,516)		(8,366)		(6,148)
Acquisition of intangible assets			(11,806)		(6,750)		(9,656)		(5,521)
Increase in guarantee deposits, net			(2,788)		(18)		(2,280)		(15)
Net cash used in investing activities			(15,599)		(472,305)	_	(12,759)		(386,313)
Cash flows from financing activities:									
Increase (decrease) in short-term borrowings, net			150,000		(260,000)		122,689		(212,662)
Issuance of bonds payable			328,547		298,698		268,728		244,314
Payment of dividends			-		(6)		-		(5)
Repayment of current portion of long-term debt			(340,000)		(250,000)		(278,096)		(204,482)
Decrease in lease liabilities			(14,380)		(14,135)	_	(11,762)		(11,561)
Net cash provided by financing activities			124,167		(225,443)		101,559		(184,396)
Net increase (decrease) in cash and cash equivalents			763,253		(18,187)		624,285		(14,877)
Net foreign exchange effects			152		75		126		60
Cash and cash equivalents at the beginning of the period			57,805		123,858		47,280		101,307
Cash and cash equivalents at the end of the period		₩	821,210	₩		\$	671,691	\$	86,490
· · ·						-		-	

The accompanying notes are an integral part of the interim condensed separate financial statements.

1. Corporate information

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

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

As of March 31, 2020, the issued capital of the Company amounts to \forall 15,385 million (including \forall 113 million of preferred shares). Major shareholders and their equity ownership are Tae-won Chey, National Pension Service and Ki-won Choi, each holding 18.44%, 8.46% and 6.85% respectively, as of March 31, 2020.

2. Summary of basis of preparation and significant accounting policies

2.1 Basis of preparation

The Company prepares statutory interim condensed separate financial statements in the Korean language in accordance with KIFRS 1034 *Interim Financial Reporting* enacted by the Act on External Audit of Stock Companies. The accompanying interim condensed separate financial statements have been translated into English from the Korean language financial statements. In the event of any differences in interpreting the financial statements or the independent auditor's review report thereon, the Korean version, which used for regulatory reporting purposes, shall prevail.

The interim condensed separate financial statements do not include all the information and disclosures required in the annual financial statements and should be read in conjunction with the Company's annual financial statements as of December 31, 2019.

The accompanying interim condensed separate financial statements are stated in Korean won, the currency of the country in which the Company is incorporated and operates. The translation of Korean won amounts into U.S. dollar amounts is included solely for the convenience of readers of the interim condensed separate financial statements and has been made at the rate of W1,222.60 to USD 1.00, the basic exchange rate in the Seoul Money Brokerage Service for cable transfers in Korean won on the last business day of the year ended March 31, 2020. Such translations into U.S. dollar should not be construed as representations that the Korean won amounts could be converted into U.S. dollar at that or any other rate.

Pursuant to KIFRS 1027, the interim condensed separate financial statements are accounted for, by parent, investor in an associate or a joint venture on the basis of the direct equity interest rather than on the basis of the reported results and net assets of the investees.

2.2 Significant accounting policies

The accounting policies adopted in the preparation of the interim condensed separate financial statements are consistent with those followed in the preparation of the Company's annual separate financial statements for the year ended December 31, 2019, except for the adoption of new standards and interpretations effective as of January 1, 2020.

2.2.1 New and revised KIFRSs adopted in the current period

The Company has applied amendments to KIFRS issued that are mandatorily effective for accounting periods beginning on or after January 1, 2020.

KIFRS 1001 Presentation of Financial Statements and KIFRS 1008 Accounting Policies, Changes in Accounting Estimates and Errors (Amended)

The amendments align the definition of 'material' across the standards and clarify certain aspects of the definition. The new definition states that, 'information is material if omitting, misstating or obscuring it could reasonably be expected to influence decisions that the primary users of general purpose financial statements make on the basis of those financial statements, which provide financial information about a specific reporting entity'. These amendments had no significant impact on the Company's financial position or management performance.

KIFRS 1103 Definition of a Business (Amended)

The amendment to KIFRS 1103 clarifies that to be considered a business, an integrated set of activities and assets must include, at a minimum, an input and a substantive process that together significantly contribute to the ability to create output. Furthermore, it clarified that a business can exist without including all of the inputs and processes needed to create outputs. These amendments had no significant impact on the Company's financial position or management performance.

KIFRS 1107 Financial Instruments: Disclosures, KIFRS 1109 Financial Instruments, KIFRS 1039 Financial Instruments: Recognition and Measurements (Amended)

The amendments provide a number of reliefs, which apply to all hedging relationships that are directly affected by interest rate benchmark reform. A hedging relationship is affected if the reform gives rise to uncertainties about the timing and or amount of benchmark-based cash flows of the hedged item or the hedging instrument. These amendments had no significant impact on the Company's financial position or management performance.

2.2.2 New and revised KIFRSs issued, but not yet effective

The Company has no new and revised KIFRSs that have been issued, but are not yet effective for this accounting periods.

3. Significant accounting judgements, estimates and assumptions

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

Those accounting judgments made by management in the preparation of the interim condensed separate financial statements for the three months ended March 31, 2020, are consistent with those followed in the preparation of the separate financial statements for the year ended December 31, 2019.

In order to prevent the spread of COVID-19, various prevention and control measures including restrictions on movement are being implemented worldwide, and as a result, the global economy is widely affected. In particular, the Company invests in various industries such as the petroleum refining, telecommunications, wholesale and retail, chemicals, construction and others, and the Company is exposed to the uncertainties of the market due to the impact of COVID-19. As of the end of the reporting period, uncertainties due to the effects of COVID-19 have not been resolved, and these uncertainties may have a significant impact on the financial performance and cash flows of the Company.

4. Financial instruments

4.1 Financial assets

Details of financial assets as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 31, 2	2020	
	Financial assets measured at FVTPL	Financial assets measured at FVOCI	Financial assets measured at amortized cost	Total
Current assets:				
Cash and cash equivalents	₩ 397,587	₩ -	₩ 423,623	₩ 821,210
Short-term financial instruments	56,890	-	33,900	90,790
Trade receivables (*1)	-	-	285,464	285,464
Short-term investment securities	17,339	-	-	17,339
Short-term loans	-	-	3,036	3,036
Other receivables	-	-	342,030	342,030
Accrued income	-	-	184	184
Guarantee deposits	-	-	11,817	11,817
Lease receivables	-	-	33,219	33,219
Derivative financial assets	12			12
	471,828		1,133,273	1,605,101
Non-current assets:				
Long-term financial instruments	-	-	269	269
Long-term investment securities	290,863	299,649	445	590,957
Long-term guarantee deposits	-	-	12,515	12,515
Derivative financial assets	384,580			384,580
	675,443	299,649	13,229	988,321
	₩ 1,147,271	₩ 299,649	<u>₩ 1,146,502</u>	₩ 2,593,422

(*1) Contract assets (unbilled receivables) amounting to ₩161,139 million as of March 31, 2020 are not included in the financial instruments.

		December 31	l, 2019	
	Financial assets	Financial assets	Financial assets	
	measured	measured	measured at	
	at FVTPL	at FVOCI	amortized cost	Total
Current assets:				
Cash and cash equivalents	₩ 42,106	-₩	₩ 15,699	₩ 57,805
Short-term financial instruments	103,052	-	49,900	152,952
Trade receivables (*1)	-	-	320,138	320,138
Short-term investment securities	17,339	-	-	17,339
Short-term loans	-	-	2,871	2,871
Other receivables	-	-	1,117	1,117
Accrued income	-	-	142	142
Guarantee deposits	-	-	11,698	11,698
Lease receivables	-	-	32,190	32,190
Derivative financial assets	351			351
	162,848	-	433,755	596,603
Non-current assets:				
Long-term financial instruments	-	-	269	269
Long-term investment securities	269,158	296,095		565,688
Long-term guarantee deposits	-	-	9,846	9,846
Long-term lease receivables	-	-	8,064	8,064
Derivative financial assets	384,645			384,645
	653,803		18,614	968,512
	₩ 816,651	₩ 296,095	₩ 452,369	₩ 1,565,115

(*1) Contract assets (unbilled receivables) amounting to ₩156,133 million as of December 31, 2019 are not included in the financial instruments.

4.2 Financial liabilities

Details of financial liabilities as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 31, 2020	
	Financial liabilities		
	measured at FVTPL	Other financial liabilities	Total
Current liabilities:			
Short-term borrowings	₩ -	₩ 1,830,000	₩ 1,830,000
Trade payables	-	100,030	100,030
Other payables	-	52,426	52,426
Accrued expenses	-	248,568	248,568
Current portion of long-term debt	-	1,112,641	1,112,641
Leasehold deposits received		192	192
Lease liabilities	-	57,177	57,177
Derivative financial liabilities	610	, _	610
	610	3,401,034	3,401,644
Non-current liabilities:			
Bonds payable	-	5,200,475	5,200,475
Leasehold deposits received	-	5,453	5,453
Long-term lease liabilities	-	32,048	32,048
Derivative financial liabilities	222,425		222,425
	222,425	5,237,976	5,460,401
	₩ 223,035	₩ 8,639,010	₩ 8,862,045

		December 31, 2019	
	Financial liabilities		
	measured at FVTPL	Other financial liabilities	Total
Current liabilities:			
Short-term borrowings	₩ -	₩ 1,680,000	₩ 1,680,000
Trade payables	-	160,253	160,253
Other payables	-	111,254	111,254
Accrued expenses	-	76,116	76,116
Current portion of	-	1,132,548	1,132,548
long-term debt			
Leasehold deposits received	-	192	192
Lease liabilities	-	56,535	56,535
Derivative financial liabilities	17		17
	17	3,216,898	3,216,915
Non-current liabilities:			
Bonds payable	-	5,192,962	5,192,962
Leasehold deposits received	-	5,385	5,385
Long-term lease liabilities	-	20,047	20,047
Derivative financial liabilities	222,359		222,359
	222,359	5,218,394	5,440,753
	₩ 222,376	₩ 8,435,292	₩ 8,657,668

4.3 Fair values of financial instruments by hierarchy level

The Company categorized financial instruments measured at fair value based on the inputs to measure the fair value. The level of hierarchy of fair value is as follows:

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

Details of fair value of financial instruments by hierarchy level as of March 31, 2020 and December 31, 2019 is as follows (Korean Won in millions):

				Marc	h 31.	2020		
		Level 1		Level 2		Level 3		Total
Financial assets:								
Financial assets measured at FVTPL	₩	454,477	₩	-	₩	308,202	₩	762,679
Financial assets measured at FVOCI		-		-		299,649		299,649
Derivative financial assets		-		12		384,580		384,592
	₩	454,477	₩	12	₩	992,431	₩	1,446,920
Financial liabilities:								
Derivative financial liabilities	₩	-	₩	679	₩	222,356	₩	223,035
				D				
				Decem	ber 3	31, 2019		
		Level 1		Level 2	ber 3	<u>1, 2019</u> Level 3		Total
Financial assets:		Level 1			ber 3			Total
Financial assets: Financial assets measured at FVTPL	₩	Level 1 145,158	₩				₩	<u>Total</u> 431,655
	₩		₩	Level 2		Level 3	₩	
Financial assets measured at FVTPL	₩		W	Level 2		Level 3 286,497	₩	431,655
Financial assets measured at FVTPL Financial assets measured at FVOCI	₩		₩	Level 2 -		Level 3 286,497 296,095	₩	431,655 296,095
Financial assets measured at FVTPL Financial assets measured at FVOCI		145,158 - -		Level 2 - - 416	₩	Level 3 286,497 296,095 384,580		431,655 296,095 384,996

Changes in Level 3 financial assets for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended March 31, 2020									
		Beginning				Ending				
		balance	Acquisi	ition	Valu	ation		balance		
Financial assets measured at FVTPL	₩	286,497	₩ 2	21,657	₩	48	₩	308,202		
Financial assets measured at FVOCI		296,095		3,554		-		299,649		
Derivative financial assets		384,580		-		-		384,580		
	₩	967,172	₩ 2	25,211	₩	48	₩	992,431		

	For the three months ended March 31, 2019									
	E	Beginning						Ending		
		balance	A	cquisition	Va	aluation		balance		
Financial assets measured at FVTPL	₩	162,475	₩	104,142	₩	392	₩	267,009		
Financial assets measured at FVOCI		232,216		-		-		232,216		
Derivative financial assets		175,993		-		-		175,993		
	₩	570,684	₩	104,142	₩	392	₩	675,218		

5. Trade receivables

Details of trade receivables as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

	Mar	ch 31, 2020	Decem	ber 31, 2019
Trade receivables:				
Trade receivables	\mathbb{W}	286,084	\mathbb{W}	320,709
Contract assets (unbilled receivables)		161,139		156,133
		447,223		476,842
Allowance for doubtful accounts:				
Trade receivables		(620)		(571)
	\overline{W}	446,603	₩	476,271

6. Inventories

Details of inventories as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 31, 2020					December 31, 2019					
		Valuation					Valuation					
		Cost	allowance	Bo	<u>ook value</u>		Cost	allowance	Book	value		
Raw materials	₩	179	₩ -	₩	179	₩	147	₩ -	₩	147		

7. Investment securities

(1) Details of investment securities as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 3	31, 2	2020		December	2019	
		Cost		Book value	Cost		E	Book value
Financial assets								
measured at FVTPL:								
Equity instruments	₩	90,790	₩	-	₩	90,790	₩	-
Debt securities (*1)		217,869		243,879		203,596		229,606
Money invested and others		61,450		64,323		54,066		56,891
Financial assets								
measured at FVOCI:								
Equity instruments (*2)		284,232		299,649		280,678		296,095
Financial assets measured at								
amortized cost:								
Debt securities		394		445		394		435
	₩	654,735	₩	608,296	₩	629,524	₩	583,027

(*1) Represents convertible redeemable preference shares of GRAB Holdings Inc., convertible bonds of Socar, Inc., Kinestral Technologies Inc. and Remedi. Of the total, W17,339 million convertible bonds of Socar, Inc. are short-term investments.

(*2) The Company applied the irrevocable option to designate the equity instruments held for strategic investment, not for held-for-trading purpose, as financial assets measured at FVOCI on the first application date of KIFRS 1109.

7. Investment securities (cont'd)

(2) Details of investment securities as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 3	1, 2020)	December 31, 2019				
	Acqui	sition cost	Bo	ok value	Acqu	isition cost	Bo	ok value	
Non-marketable equity instruments	₩	375,022	₩	299,649	₩	371,468	₩	296,095	
Debt securities		218,263		244,324		203,990		230,041	
Money invested and others		61,450		64,323		54,066		56,891	
	₩	654,735	₩	608,296	₩	629,524	₩	583,027	

(3) Changes in investment securities for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

		For the three months ended								
		March 31, 2020		March 31, 2019						
Beginning balance	\mathbb{W}	583,027	₩	395,085						
Acquisitions		25,211		104,142						
Gain on valuation and amortised		58		401						
Ending balance	\overline{W}	608,296	₩	499,628						

8. Investments in subsidiaries

(1) Details of investments in subsidiaries as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

				March 31, 2020		December 31, 2019
		-	Faulty	March 31, 2020		2019
		Principal	Equity	Acquisition		
	Densisile	•	ownership		Dealeration	Dealusalus
	Domicile	business activity	(%) (*1)	cost	Book value	Book value
SK Innovation Co., Ltd. (*2)	Korea	Resource development	33.40	₩ 3,072,937 ₩	, ,	, ,
SK Telecom Co., Ltd. (*2)	Korea	Mobile Tele-communication	26.78	5,416,019	5,416,019	5,416,019
SK Networks Co., Ltd. (*2)	Korea	Trading and distribution	39.14	706.229	706,229	706,229
SKC Co., Ltd. (*2)	Korea	Petrochemicals	41.00	548.654	548.654	548,654
SKE &S Co., Ltd.	Korea	City gas business	90.00	2,600,000	2,600,000	2,600,000
SK Engineering & Construction Co., Ltd. (*2)	Korea	Construction	44.48	2,000,000	545,300	2,000,000
SK Eigineering & Construction Co., Ltd. (2) SK Siltron Co., Ltd.	Korea	Manufacturing and sales	44.40 51.00	622,606	622,606	622,606
SK Sillfort Co., Eld.	Kulea	of silicon thin sheet	51.00	022,000	022,000	022,000
SK Biopharmaceuticals Co., Ltd.	Korea	Life science	100.00	478,702	478,702	478,702
SK Materials Co., Ltd. (*2)	Korea	Special-gas	49.10	473,335	473,335	473,335
, , ,		manufacturing and sales		-,	-,	- ,
SK Forest Co., Ltd.	Korea	Landscape construction	100.00	61,387	61,387	61,387
HWEECHAN Co., Ltd.	Korea	Resort business	100.00	28,483	28,483	28,483
SK Pharmteco Inc.	USA	Investment	100.00	875,245	875,245	875,245
Plutus Capital NY, Inc.	USA	Investment	100.00	587,542	587,542	587,542
SK China Company, Ltd. (*3)	Hong Kong	Consulting	27.42	557,117	557,117	557,117
		and investment				
Golden Pearl EV Solutions Limited	Hong Kong		100.00	281,360	281,360	281,360
SK South East Asia Investment Pte. Ltd. (*3)		Investment	20.00	224,350	224,350	224,350
Plutus Fashion NY, Inc.	USA	Fashion	100.00	74,113	74,113	74,113
Saturn Agriculture Investment Co., Ltd.	Hong Kong		81.00	67,093	67,093	67,093
SK S.E.Asia Pte. Ltd.	Singapore	Investment	100.00	25,847	25,847	25,847
SK C&C Beijing Co., Ltd.	China	Computer system	100.00	25,481	25,481	25,481
SK GI Management	Cayman	Investment	100.00	9,523	9,523	9,523
SK Investment Management Co., Ltd.	Hong Kong	Investment	80.76	9,201	9,201	9,201
Gemini Partners Pte. Ltd. (*3)	Singapore	Consulting	20.00	6,018	2,601	2,601
SK MENA Investment B.V. (*3)	Netherlands	Investment	11.54	5,178	5,178	5,178
SK Latin Americas Investment S.A. (*3)	Spain	Investment	11.54	5,135	5,135	5,135
SK C&C India Pvt. Ltd.	India	Computer system	100.00	3,442	382	382
SK Technology Innovation Company (*3)	Cayman	Research and development	2.12	1,876	1,876	1,876
S&G Technology	Saudi Arabia		51.00	74	74	74
		. ,		₩ 17,312,247	₩ 17,305,770	₩ 17,305,770

(*1) Equity ownership is based on ordinary shares.

- (*2) SK Innovation Co., Ltd. and 5 others were classified as investments in subsidiaries as the Company is able to exercise de facto control. The remaining voting rights of SK Innovation Co., Ltd. and five other companies are widely dispersed, and the Company's voting rights are sufficient to give it power.
- (*3) Classified as investments in subsidiaries as control can be exercised using indirect equity ownership through the Company's subsidiaries.

(2) Fair value of marketable investments in subsidiaries as of March 31, 2020 is as follows (Korean won in millions):

	Ma	rch 31, 2020
SK Innovation Co., Ltd.	\overline{W}	2,686,890
SK Telecom Co., Ltd.		3,827,469
SK Networks Co., Ltd.		442,000
SKC Co., Ltd.		572,508
SK Materials Co., Ltd.		693,924

9. Investments in associates and joint ventures

Details of investments in associates and joint ventures as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

				0	December 31, 2019	
		Principal business	Equity	March 31, 202 Acquisition	Book	Book
	Domicile	activity	ownership (%)	cost	value	value
Investments in associates:	Donnono	douvity			Value	Value
Socar, Inc. (*1)	Korea	Rental of cars	22.10	₩ 91,800	₩ 91,800	₩ 91,800
SMCore Inc.	Korea	Manufacturing and sales of automated logistics system	26.60	39,419	39,419	39,419
Standigm Inc. (*2)	Korea	Software development	12.94	9,402	9,402	9,402
Cloocus Co., Ltd. (*2)	Korea	Information and communication service	18.84	6,500	6,500	6,500
Begas Co., Ltd. (*1, 2)	Korea	Management consulting	17.86	5,000	5,000	5,000
THIRA-UTECH Co., Ltd. (*2)	Korea	Service manufacturing	13.80	4,200	4,200	4,200
PUMP Co., Ltd. (*2)	Korea	Electric kickboard rental	12.87	3,000	3,000	3,000
ACRYL Inc. (*1, 2)	Korea	Information service	17.14	2,500	2,500	2,500
TWO LINE CODE Inc. (*3)	Korea	Software development	33.77	2,500	2,500	-
Daehan Kanggun BcN Co., Ltd. (*4)	Korea	Wired communication	0.20	58	-	-
ESR Cayman Limited (*2)	Cayman	Investment	11.08	493,627	493,627	493,627
9352-7281 Quebec Inc.	Canada	Investment	40.09	31,558	31,558	31,558
SES Holdings Pte. Ltd. (*2)	Singapore	Investment	12.65	28,791	28,791	28,791
Belstar Superfreeze Holdings, LLC (*3)	Cayman	Warehouse business	20.00	25,232	25,232	-
FSK Holdings Co., Ltd.	Hong Kong	IT service	30.00	11,937	6,245	6,245
Kinestral Technologies Inc. (*1, 2)	USA	Manufacturing discolored glass	4.66	8,498	8,498	8,498
Mozido Corfire, Inc. (*2) Visible Patient S.A.S. (*1, 2)	USA France	System consulting Manufacturing	19.94	6,767	-	-
		related to medicine	13.51	2,928	2,928	2,928
				773,717	761,200	733,468
Investments in joint ventures:						
Hana Land Chip PEF 33 (*4)	Korea	Real estate	13.51	₩ 40,000	₩ 40,000	₩ 40,000
Socar Mobility Malaysia, SDN.	Malaysia	Rental of cars	60.00			
BHD.				14,189	14,189	14,189
				54,189	54,189	54,189
				₩ 827,906	<u>₩ 815,389</u>	₩ 787,657

(*1) It is the equity share that takes preferred share with voting rights into consideration.

(*2) As the Company is able to exercise significant influence over the entity although its ownership interest is less than 20%, the investment in the entity was classified as investments in associates.

(*3) During the current period, the Company newly acquired the investee.

(*4) The investment in the entity was classified as investments in associates and joint ventures based on the indirect ownership interest of the Company's subsidiary.

10. Property, plant and equipment

(1) Details of property, plant and equipment as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

			March 31, 2020)		December 31, 2019					
	Acquisition cost		Accumulated depreciation	Bool	Book value		Acquisition cost	Accumulated depreciation		Book value	
Land	₩	95,831	₩ -	₩	95,831	₩	95,831	₩	- ¥	₩ 95,831	
Buildings		338,945	(59,794)		279,151		338,945	(57,3	356)	281,589	
Structures		9,734	(1,227)		8,507		9,734	(1,	128)	8,606	
Vehicles		12,548	(2,875)		9,673		12,548	(2,	666)	9,882	
Furniture and fixtures		345,391	(244,811)		100,580		341,698	(237,4	447)	104,251	
Construction-in-progress		24,996			24,996		20,063	-		20,063	
	₩	827,445	₩ (308,707)	₩	518,7 <u>38</u>	₩	818,819	₩ (298,	<u>597) ∛</u>	₩ 520,222	

(2) Details of changes in property, plant and equipment for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

		For the three months ended March 31, 2020										
		Beginning						Ending				
		balance	Acquisition	Depreciation	Disposal	Transfer (*1)		balance				
Land	₩	95,831	₩ -	₩ -	₩ -	₩ -	₩	95,831				
Buildings		281,589	-	(2,438)	-	-		279,151				
Structures		8,606	-	(99)	-	-		8,507				
Vehicles		9,882	-	(209)	-	-		9,673				
Furniture and fixtures		104,251	4,770	(8,438)	(6)) 3		100,580				
Construction-in-progress		20,063	4,936			(3)		24,996				
	₩	520,222	₩ 9,706	₩ (11,184)	₩ (6) ₩ -	₩	518,738				

			Fo	r the three month	s ended March	31, 201	9	
		Beginning balance	Acquisition	Depreciation	Disposal	Tran	sfer (*1)	Ending balance
Land	₩	84,251	₩ -	₩ -	₩	- ₩	(3,342) ₩	80,909
Buildings		275,643	-	(2,279)		-	(3,789)	269,575
Structures		8,031	-	(92)		-	568	8,507
Vehicles		5,025	60	(77)		-	-	5,008
Furniture and fixtures		104,183	4,190	(8,599)		(9)	-	99,765
Construction-in-progress		17,670	2,275			-	(7,534)	12,411
	₩	494,803	₩ 6,525	₩ (11,047)	\mathbb{W}	<u>(9)</u> ₩	<u>(14,097)</u> ₩	476,175

(*1) This includes replacements from construction-in-progress to the main property, plant and equipment account or investment property.

11. Right-of-use assets and lease liabilities

(1) Details of right-of-use assets as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

			March	31, 2020	I			Decer	mber 31, 201	9	
	A	cquisition	Accum	ulated			Acquisition	Accu	mulated		
		cost	depred	iation	Book value		cost	depr	eciation	Book value	
Land and buildings	₩	72,581	₩	(22,487)	₩ 50,094	1 ₩	₹ 56,405	₩	(19,931) ₩	36,47	'4
Vehicles		6,241		(1,514)	4,727	7	5,383		(1,808)	3,57	'5
Machinery		-		-		-	183		(61)	12	22
Furniture and fixtures		328		(152)	176	<u>}</u>	335		<u>(113</u>)	22	22
	₩	79,150	₩	(24,153)	₩ 54,997	7 ₩	<i>₹</i> 62,306	₩	<u>(21,913)</u>	40,39)3

11. Right-of-use assets and lease liabilities (cont'd)

(2) Changes in right-of-use assets for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

			For t	he thre	e month	s ended Ma	arch 31,	2020	
	Beginning								Ending
	balance		Increa	se	Depr	eciation	Othe	ers (*1)	balance
Land and buildings	₩ 36,4	74 ₩	2	0,981	₩	(7,555)	₩	194 ₩	50,094
Vehicles	3,5	75		2,205		(552)		(501)	4,727
Machinery	1	22		-		-		(122)	-
Furniture and fixtures	2	22				(42)		(4)	176
	₩ 40,3	<u>93</u> ₩	2	3,186	₩	<u>(8,149</u>)	₩	<u>(433)</u> ₩	54,997
			Fo	r the th	ree month	is ended Ma	rch 31, 20	019	
			nge of						
	Beginning		ounting			-			Ending
	balance	po	licies	-	rease	Depreciati	on (<u> 2thers (*1)</u>	balance
Land and buildings	₩ -	₩	64,375	₩	337	₩ (7	,049) ₩	(1,564) ₩	56,099
Vehicles	-		2,802		528		(353)	(77)	2,900
Machinery	-		183		-		(15)	-	168
Furniture and fixtures	-		425		-		(48)	(41)	336
	₩ -	₩	67,785	₩	865	₩ (7	,465) ₩	(1,682) ₩	59,503

(*1) The amounts include adjustments of the right-to-use assets according to the remeasurement of the lease liabilities and others.

(3) Changes in lease liabilities for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended March 31, 2020	
	Beginning Interest Decrease	Ending
	balance Increase expenses (payment) Others (*1)	balance
Lease liabilities	₩ 76,582 ₩ 25,885 ₩ 451 ₩ (14,831) ₩ 1,138 ₩	89,225
	For the three months ended March 31, 2019	
	Change of	
	Beginning accounting Interest Decrease	Ending
	balance policies Increase expenses (payment) Others (*1)	balance
Lease liabilities		117,291

(*1) The amounts include adjustments of the remeasurement of the lease liabilities which is lease modification that is not accounted for as a separate lease and others.

The Company recognized lease payments of #617 million in relation to short-term lease and #308 million in relation to leases of low-value assets during the period ended.

12. Investment properties

(1) Details of investment properties as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 31, 2020)	December 31, 2019					
	Acquisition	Accumulated		Acquisition	Accumulated				
	cost	depreciation	Book value	cost	depreciation	Book value			
Buildings	₩ 9,81	0 ₩ (1,990)	₩ 7,820	₩ 9,810	₩ (1,883)	₩ 7,927			

12. Investment properties (cont'd)

(2) Changes in investment properties for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

			For the thre	e months end	ed March 31	, 2020	
	Beginnin	g	Increa	ise			Ending
	balance		<u>(decrea</u>	ase)	Depreciatio	<u>n b</u>	balance
Buildings	₩	7,927	\mathbf{W}	- ₩		(107) ₩	7,820
			For the thre	e months end	ed March 31	, 2019	
		(Change of				
	Beginning	ac	count policy				Ending
	balance		(*1)	Depreciation	on Trai	nsfer (*2)	balance
Land	₩	- ₩	-	₩	- ₩	3,342 ₩	3,342
Buildings	8,35	3	666		<u>(242</u>)	10,755	19,532
	₩ 8,35	3 ₩	666	₩	<u>(242</u>) <u>₩</u>	<u>14,097</u> ₩	22,874

(*1) Consist of replacements from right-of-use asset that meets the definition of investment properties according to the first application of KIFRS 1116.

(*2) This includes replacements from property, plant and equipment to investment properties.

13. Intangible assets

(1) Details of intangible assets as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 31, 2020							December 31, 2019							
	A	cquisition	Acc	umulated	Ac	cumulated			Ac	quisition	Acc	cumulated	Ac	cumulated		
		cost	amo	ortization	in	npairment	B	ook value		cost	am	ortization	in	npairment	Boo	k value
Development costs	₩	134,128	₩	(55,996)	₩	(2,518)	₩	75,614	₩	125,917	₩	(50,978)	₩	(2,518) ₩		72,421
Memberships		59,770		-		(13,648)		46,122		56,639		-		(13,648)		42,991
Brand-related assets		1,975,000		-		-		1,975,000	1	,975,000		-		-		1,975,000
Others		41,263		(10,331)		-		30,932	_	40,798		(9,107)		-		31,691
	₩	2.210.161	₩	(66.327)	₩	(16.166)	₩ 2	2.127.668	₩2	2.198.354	₩	(60.085)	₩	(16.166) ₩		2,122,103

(2) Changes in intangible assets for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

				For the thre	e mo	onths ended Ma	rch 3	31, 2020		
	E	Beginning								Ending
		balance		Acquisitions	A	mortization		Others		balance
Development costs	₩	72,421	₩	8,211	₩	(5,018)	₩		- ₩	75,614
Memberships (*1)		42,991		3,131		-			-	46,122
Brand-related assets (*1)	1,975,000		-		-			-	1,975,000
Others		31,691		465		(1,224)			-	30,932
	₩	2,122,103	₩	11,807	₩	(6,242)	₩		- ₩	2,127,668
				Ear tha three						
				гог ше ше	e mo	onths ended Ma	rch :	31.2019		
	-	Beginning			e mo	onths ended Ma	rch :	31, 2019		Ending
	I	Beginning balance		Acquisitions		mortization	irch :	<u>0thers</u>		Ending balance
Development costs	₩	0 0	₩						- W	0
Development costs Memberships (*1)		balance	W	Acquisitions	A	mortization		Others		balance
•	₩	<u>balance</u> 57,993	₩	Acquisitions	A	mortization		Others		balance 60,152
Memberships (*1)	₩	balance 57,993 40,543	W	Acquisitions	A	mortization		Others		balance 60,152 40,522

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

14. Borrowings and bonds payable

(1) Short-term borrowings

Details of short-term borrowings as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

Description	Financial institution	Interest rate (%)		March 31, 2020	December 31, 2019
Working capital loan	Shinhan Bank	1.99 ~ 2.23	₩	300,000	₩ 250,000
Working capital loan	KB Bank	1.93 ~ 2.54		250,000	250,000
Working capital loan	Woori Bank	2.04 ~ 2.46		200,000	240,000
Working capital loan	Industrial & Commercial Bank of China	2.10		100,000	100,000
Working capital loan	Hana Bank	2.03		50,000	50,000
Working capital loan	NH Bank	1.74		50,000	-
Commercial paper	SK Securities	1.39 ~ 2.20		270,000	330,000
Commercial paper	NH Investment & Securities	1.39 ~ 1.45		150,000	20,000
Commercial paper	Korea Investment & Securities	1.45 ~ 1.69		150,000	100,000
Commercial paper	KB Securities	1.51 ~ 2.20		130,000	340,000
Commercial paper	Woori investment bank	2.15 ~ 2.46		130,000	-
Commercial paper	BNK Investment & Securities	2.04 ~ 2.10		30,000	-
Commercial paper	Hana Financial Investment	2.20		20,000	
			₩	1,830,000	₩ 1,680,000

(2) Bonds payable

Details of bonds payable as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

Issuance					March 31,	D	ecember 31,
number	Interest rate (%)	Maturity	Security		2020		2019
259-2nd	3.34	2020-06-03	Unsecured	₩	100,000	₩	100,000
260-2nd	3.84	2020-09-06	Unsecured		100,000		100,000
261-2nd	3.97	2020-12-03	Unsecured		100,000		100,000
262-2nd	3.68	2021-02-12	Unsecured		100,000		100,000
263-2nd	3.36	2021-05-30	Unsecured		100,000		100,000
264-2nd	3.25	2021-08-05	Unsecured		170,000		170,000
265-3rd	2.66	2021-12-02	Unsecured		100,000		100,000
266-1st	-	2020-02-06	Unsecured		-		150,000
266-2nd	2.39	2022-02-06	Unsecured		100,000		100,000
270-3rd	3.80	2022-11-02	Unsecured		50,000		50,000
271-2nd	-	2020-02-27	Unsecured		-		100,000
272-3rd	3.92	2020-08-30	Unsecured		60,000		60,000
273-2nd	3.79	2021-03-25	Unsecured		100,000		100,000
273-3rd	4.26	2024-03-25	Unsecured		100,000		100,000
274-2nd	2.17	2020-09-30	Unsecured		150,000		150,000
274-3rd	2.34	2022-09-30	Unsecured		80,000		80,000
275-2nd	2.52	2020-12-07	Unsecured		120,000		120,000
275-3rd	2.66	2022-12-07	Unsecured		60,000		60,000
276-2nd	2.02	2021-03-07	Unsecured		120,000		120,000
276-3rd	2.26	2023-03-07	Unsecured		150,000		150,000
277-2nd	1.93	2021-06-01	Unsecured		120,000		120,000
277-3rd	2.16	2023-06-01	Unsecured		120,000		120,000
277-4th	2.43	2026-06-01	Unsecured		60,000		60,000
278-2nd	1.65	2021-09-07	Unsecured		110,000		110,000
278-3rd	1.80	2023-09-07	Unsecured		110,000		110,000
279-1st	-	2020-03-06	Unsecured		-		90,000
279-2nd	2.34	2022-03-06	Unsecured		190,000		190,000
279-3rd	2.58	2024-03-06	Unsecured		120,000		120,000
280-1st	1.99	2020-06-01	Unsecured		90,000		90,000
280-2nd	2.39	2022-06-01	Unsecured		200,000		200,000

14. Borrowings and bonds payable (cont'd)

Issuance number	Interest rate (%)	Maturity	Security		March 31, 2020	December 31, 2019
280-3rd	2.67	2024-06-01	Unsecured	₩	110,000	
280-310 281-2nd	2.40	2022-08-04	Unsecured	vv	130,000	130,000
281-2nd 281-3rd	2.40	2022-08-04 2024-08-04	Unsecured		70.000	70.000
281-310 282-1st	2.62	2024-08-04 2020-10-25			-)	- /
	2.47 2.79		Unsecured		70,000	70,000
282-2nd	-	2022-10-25	Unsecured		150,000	150,000
282-3rd	2.86	2024-10-25	Unsecured		80,000	80,000
283-1st	2.88	2023-02-27	Unsecured		150,000	150,000
283-2nd	2.99	2025-02-27	Unsecured		60,000	60,000
283-3rd	3.26	2028-02-27	Unsecured		100,000	100,000
284-1st	2.87	2023-06-08	Unsecured		170,000	170,000
284-2nd	3.01	2025-06-08	Unsecured		60,000	60,000
284-3rd	3.09	2028-06-08	Unsecured		100,000	100,000
285-1st	2.36	2023-09-06	Unsecured		150,000	150,000
285-2nd	2.47	2025-09-06	Unsecured		60,000	60,000
285-3rd	2.55	2028-09-06	Unsecured		120,000	120,000
286-1st	2.20	2021-11-29	Unsecured		130,000	130,000
286-2nd	2.37	2023-11-29	Unsecured		100,000	100,000
287-1st	2.17	2024-02-27	Unsecured		150,000	150,000
287-2nd	2.23	2026-02-27	Unsecured		70,000	70,000
287-3rd	2.35	2029-02-27	Unsecured		80,000	80,000
288-1st	1.81	2024-06-04	Unsecured		170,000	170,000
288-2nd	1.83	2026-06-04	Unsecured		60,000	60,000
288-3rd	1.87	2029-06-04	Unsecured		110,000	110,000
289-1st	1.62	2022-09-20	Unsecured		130,000	130,000
289-2nd	1.76	2024-09-20	Unsecured		120,000	120,000
289-3rd	1.84	2029-09-20	Unsecured		70,000	70,000
290-1st	1.74	2022-11-28	Unsecured		80,000	80,000
290-2nd	1.83	2024-11-28	Unsecured		90,000	90,000
290-3rd	1.89	2029-11-28	Unsecured		70,000	70,000
291-1st	1.52	2023-02-20	Unsecured		70,000	-
291-2nd	1.63	2025-02-20	Unsecured		160,000	-
291-3rd	1.70	2027-02-20	Unsecured		40,000	-
291-4th	1.80	2030-02-20	Unsecured		60.000	-
					6,320,000	6,330,000
Less: discount on	bonds pavable				(6,884)	, ,
Less: current porti					(1,112,641)	(1,132,548)
point				₩		₩ 5,192,962
					0,200,470	0,102,002

(3) The Company's bonds payable repayment schedule as of March 31, 2020 is as follows (Korean won in millions):

Year ending	Amoun	t of repayment
April 1, 2020 ~ March 31, 2021	\mathbf{W}	1,110,000
April 1, 2021 ~ March 31, 2022		1,020,000
April 1, 2022 ~ March 31, 2023		1,250,000
April 1, 2023 ~ March 31, 2024		1,020,000
April 1, 2024 and thereafter		1,920,000
	\overline{W}	6,320,000

15. Provisions

Changes in provisions for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended March 31, 2020								
	Begii	nning				Ending			
	bala	ince	Increase	D	ecrease	balance	Current	Non-current	
Provision for service warranties	₩	3,948 ₩	647	₩	(1,121) \	₩ 3,474	₩ 3,474	₩ -	
Other provisions		2,598	280		(468)	2,410	2,130	280	
	W	<u>6,546</u> ₩	927	₩	(1,589)	₩ 5,884	₩ 5,604	₩ 280	
			For	the th	hree months	ended March 31	I, 2019		
	Begii	nning	Change of				Ending		
	bala	ince ac	count policy	Ir	ncrease	Decrease	balance	Current	
Provision for service warranties	₩	3,038 ₩	-	₩	691 \	₩ (1,667)	₩ 2,062	₩ 2,062	
Other provisions		166	1,882		2	(50)	2,000	2,000	
	₩	3,204 ₩	1,882	₩	693	₩ (1,717)	₩ 4,062	₩ 4,062	

The Company estimates a provision for service warranties for revenue from projects based on historical claim rates and past experiences. Meanwhile, other provisions consist of restructuring liabilities and provision for losses. If the underlying asset must be restored to its original value after the expiration of the contract period based on the lease contract, the restoration obligation is recognized as the present value of the estimated cost of removing, dismantling, and repairing the facility. In the event that future losses are expected to be incurred with respect to an ongoing project, the Company recognized the expected loss as provision for losses immediately.

16. Defined benefit liabilities

(1) Defined contribution plans

The Company partly operates a defined contribution plan for certain employees. The expenses related to the defined contributions plans recognized for the three months ended March 31, 2020, were ^{W15} million.

(2) Defined benefit plans

Those employees selecting the defined benefit plans shall be paid fixed amounts upon retirement, where certain conditions are met. In addition, the Company uses the projected unit credit method based on actuarial assumptions for the defined liabilities and plan assets.

(3) Details of defined benefit liabilities as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

	Ma	rch 31, 2020	Dece	mber 31, 2019
Present value of defined benefit obligation	\mathbf{W}	364,350	₩	355,114
Fair value of plan assets		(313,390)		(322,967)
	\overline{W}	50,960	₩	32,147

16. Defined benefit liabilities (cont'd)

(4) Changes in the defined benefit liabilities for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended March 31, 2020				
	Present value				
	of defined	Fair value of			
	benefit obligation		Total		
Beginning balance	₩ 355,114	₩ (322,967)	₩ 32,147		
Provision for pension benefits:					
Current service cost	13,041		13,041		
Net interest expense (income)	1,804	. (1,844)	(40)		
Remeasurement:					
Return on plan assets (excluding amounts included in net interest expense)		250	250		
Actuarial changes arising from changes	(156	5) -	(156)		
in financial assumptions and others					
Experience adjustments and others	4,922		4,922		
Benefit paid	(15,104		1,502		
Others	4,729	(5,435)	(706)		
Ending balance	₩ 364,350	<u>₩ (313,390</u>)	<u>₩ 50,960</u>		
	Present value of defined	ee months ended N Fair value of plan assets			
Beginning balance	Present value of defined benefit obligation	Fair value of plan assets	Total		
Beginning balance Provision for pension benefits:	Present value of defined benefit obligation	Fair value of plan assets	Total		
Provision for pension benefits:	Present value of defined <u>benefit obligation</u> ₩ 297,845	Fair value of plan assets 5 ₩ (253,442)	<u>Total</u> ₩ 44,403		
Provision for pension benefits: Current service cost	Present value of defined <u>benefit obligation</u> ₩ 297,845 9,617	Fair value of plan assets 5 ₩ (253,442)	<u>Total</u> ₩ 44,403 9,617		
Provision for pension benefits:	Present value of defined <u>benefit obligation</u> ₩ 297,845	Fair value of <u>plan assets</u> ₩ (253,442)	<u>Total</u> ₩ 44,403 9,617		
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets (excluding amounts	Present value of defined <u>benefit obligation</u> ₩ 297,845 9,617	Fair value of plan assets 5 ₩ (253,442)	<u>Total</u> ₩ 44,403 9,617		
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement:	Present value of defined <u>benefit obligation</u> ₩ 297,845 9,617	Fair value of <u>plan assets</u> ₩ (253,442)	Total ₩ 44,403 9,617 82		
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes	Present value of defined <u>benefit obligation</u> ₩ 297,845 9,617 1,742	Fair value of <u>plan assets</u> ₩ (253,442) (1,660) 583	Total ₩ 44,403 9,617 82 583		
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions and others	Present value of defined <u>benefit obligation</u> ₩ 297,845 9,617 1,742 5,246	Fair value of <u>plan assets</u> ₩ (253,442) (1,660) 583 -	Total ₩ 44,403 9,617 82 583 5,246		
Provision for pension benefits: Current service cost Net interest expense (income) Remeasurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions and others Experience adjustments and others	Present value of defined <u>benefit obligation</u> ₩ 297,845 9,617 1,742 5,246 (843	Fair value of <u>plan assets</u> ₩ (253,442) (1,660) 583 -) -) - 6,513	Total ₩ 44,403 9,617 82 583 5,246 (843) 2,285		

17. Other assets and liabilities

(1) Details of other assets as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

	Ma	arch 31, 2020	December	31, 2019
Current assets:				
Accrued income	₩	184	₩	142
Advanced payments		2,654		3,240
Prepaid expenses		26,432		19,526
Short-term loans		3,036		2,871
Current tax assets		-		6,548
Guarantee deposits		11,817		11,698
Lease receivables		33,219		32,190
Derivative financial assets		12		351
Others		254		178
	₩	77,608	₩	76,744
Non-current assets:				
Long-term financial instruments	\mathbb{W}	269	₩	269
Long-term guarantee deposits		12,515		9,846
Long-term lease receivables		-		8,064
Derivative financial assets		384,580		384,645
Others		127		127
	₩	397,491	₩	402,951

(2) Details of other liabilities as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

	March 31, 2020			December 31, 2019		
Current liabilities:						
Advances received	₩	140,896	₩	67,861		
Withholdings		26,259		21,760		
Income tax payable		1,511		-		
Leasehold deposits received		192		192		
Lease liabilities		57,177		56,535		
Derivative financial liabilities		610		17		
	₩	226,645	\mathbb{W}	146,365		
Non-current liabilities:						
Leasehold deposits received	₩	5,453	₩	5,385		
Long-term lease liabilities		32,048		20,047		
Derivative financial liabilities		222,425		222,359		
Long-term employee benefits		10,463		10,442		
	₩	270,389	₩	258,233		

18. Derivative financial assets and liabilities

The Company has entered into foreign currency forward contracts to manage fluctuations in currency exchange rates relating to its contracts denominated in foreign currencies and has entered total return swap contracts with certain of subsidiaries' common share investors and others. Details of assets and liabilities after valuation as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 31, 2020				December 31, 2019			
		Assets		Liabilities		Assets		Liabilities	
Forward contract Total return swap contract	₩	12	₩	679	₩	416	₩	20	
(see Note 28)		384,580		222,356		384,580		222,356	
. ,	₩	384,592	₩	223,035	₩	384,996	₩	222,376	

19. Equity

19.1 Issued capital

Details of issued capital as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions, except for number of shares):

		March 31, 2020	December 31, 2019		
Number of shares authorized for issue		400,000,000		400,000,000	
Par value per share (Korean won)	\mathbb{W}	200	₩	200	
Number of shares issued:					
Ordinary share		70,360,297		70,360,297	
Preferred share		566,135		566,135	
Issued capital:					
Ordinary share	\mathbb{W}	15,272	₩	15,272	
Preferred share		113		113	
	₩	15,385	₩	15,385	

The Company retired 6,000,000 shares of its treasury share (par value: $\mathbb{W}1,200$ million) in 2015 by reducing retained earnings, which resulted in a difference between total par value of ordinary shares and issued capital.

19.2 Other paid-in capital

Details of other paid-in capital as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

	Mar	<u>ch 31, 2020</u>	Decen	nber 31, 2019
Additional paid-in capital (*1)	\overline{W}	5,605,831	₩	5,605,831
Treasury share (*2)		(1,812,042)		(1,812,042)
Stock option		3,982		3,783
Others		(292,892)		(292,892)
	₩	3,504,879	₩	3,504,680

- (*1) During the year ended December 31, 2015, the Company repurchased treasury shares of ₩3,369,310 million from merger with the former SK Holdings Co., Ltd. which was recognized as a contra-equity account on additional paid-in capital.
- (*2) As of March 31, 2020, treasury share consists of those acquired to increase the enterprise value and to stabilize share price (7,034,276 ordinary shares), and those acquired from repurchase of shares from dissenting shareholders on business combination and shares arising from odd lot shares (11,021,674 ordinary shares and 1,818 preferred shares) during the year 2015.

19.3 Retained earnings

Details of retained earnings as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

	Marc	h 31, 2020	December 31, 2019		
Legal reserve (*1)	\mathbb{W}	7,693	₩	7,693	
Voluntary reserve		62,897		62,897	
Unappropriated retained earnings		<u>10,567,814</u>		9,800,222	
	₩	10,638,404	₩	9,870,812	

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

19.4 Other components of equity

Details of other components of equity as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

	Ma	arch 31, 2020	December 31, 2019		
Gain on financial assets measured at FVOCI	\mathbb{W}	11,685	₩	11,685	

19.5 Stock option

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

	1-1	1-2	1-3	2
Grant date	2017-03-24	2017-03-24	2017-03-24	2020-03-25
Type of shares to be issued	Ordinary shares			
Grant method	Reissue of treas	ury shares, but if th	ne stock option's	exercise price is
	lower than the st	ock's real price (ev	aluated based or	n exercise date),
	the Company ma	y settle the differer	nce in cash or wit	h treasury share
	equivalent to the	difference amount.		•
Number of shares (shares)	41,429	41,430	41,431	214,038
Exercise price (Korean won)	₩ 226,290	₩ 244,400	₩ 263,950	₩ 153,450
Contractual life of options	2019.03.25	2020.03.25	2021.03.25	2023.03.26
-	~2022.03.24	~2023.03.24	~2024.03.24	~2027.03.25
Vesting conditions	2 years service	3 years service	4 years service	2 years service
	from the	from the	from the	from the
	grant date	grant date	grant date	grant date

Share compensation expense recognized during the current reporting period is W199 million (accumulated share compensation expense: W3,982 million) and the remaining share compensation expense to be recognized in later periods are W2,066 million.

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

		1-1		1-2		1-3		2
Risk-free interest rate		1.86%		1.95%		2.07%		1.61%
Option life		5 years		6 years		7 years		7 years
Expected price (Closing price on the preceding day in	₩	236,000	₩	236,000	₩	236,000	₩	134,000
Korean won)								
Expected volatility		16.78%		16.78%		16.78%		15.35%
Rate of returns		1.60%		1.60%		1.60%		1.55%
Exercise price (Korean won)	₩	226,290	₩	244,400	₩	263,950	₩	154,450
Fair value per share	₩	38,317	₩	34,200	₩	30,962	₩	8,226
(Korean won)								

20. Operating revenues

(1) Details of operating revenues for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended						
		March 31, 2020		March 31, 2019			
Revenue from contracts with customers:							
IT service (*1)	₩	385,476	₩	388,470			
Trademark usage income		68,647		58,912			
Others				125			
		454,123		447,507			
Revenue from other sources:							
Dividend income	₩	990,581	₩	1,054,468			
Rental income		256		798			
		990,837		1,055,266			
	₩	1,444,960	₩	1,502,773			

(*1) Includes contract revenue of ₩236,667 and ₩238,716 million recognized from the cost-based input method for the three months ended March 31, 2020 and 2019.

(2) Details of revenue from contracts with customers for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

88,470
38 470
38 170
50,470
58,912
125
47,507
29,092
15,952
2,093
370
47,507
16,200
<u>31,307</u>
47,507

20. Operating revenues (cont'd)

(3) Details of contract assets, contract liabilities related to revenue from contracts with customers as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 31, 2020	De	cember 31, 2019
Contract assets from IT service contract	\mathbb{W}	161,139	₩	156,133
Contract liabilities from IT service contract (*1)		67,482		67,606

(*1) The amount recognized as revenue in the current period in relation to the contract liabilities as of December 31, 2019 is ₩30,477 million (Previous period : ₩32,671 million).

(4) Details of profit variation by changes in accounting estimates related to the cost-based input method contracts as of March 31, 2020 are as follows (Korean won in millions):

	Change i	n estimated			Impact on		Impact or	า
	cons	struction		Change in	current period		future peri	bd
	rev	venue	es	stimated cost	profit		profit	
IT Service contracts	\mathbb{W}	9,040	₩	7,690	₩	39	₩	1,311

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

(5) Contracts applying the cost-based input method to measure the percentage-of-completion with total contract revenue exceeding prior year's operating income by more than 5% as of March 31, 2020 are as follows (Korean won in millions):

						Contract	assets	T	rade recei	vables	
									A	llowance	е
				Percentage					fo	r doubtfu	ul
Business division	Construction	Contract date	Due date	of completion	Total	amount	Impairment	Total a	amount	accounts	s
ICT business	The K project	2019.01	2020. 10	68.61%	₩	17,511	₩ -	₩	1,714 ₩	r.	-

21. Operating expenses

Details of operating expenses for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended			
	March 31, 2020	March 31, 2019		
Material costs	₩ 24,598	₩ 26,602		
Outsourcing costs	182,718	180,750		
Salaries	79,525	73,349		
Provision for pension benefits	13,199	9,457		
Depreciation	19,138	18,434		
Amortization	3,280	2,837		
Rents	508	690		
Communications	4,447	4,688		
Employee welfare benefits	15,009	13,256		
Commissions	8,867	15,414		
Education and training	7,305	3,995		
Research and development	12,705	10,428		
Office management	8,644	9,661		
Travel	2,749	3,302		
Others	10,299	10,423		
	₩ 392,991	₩ 383,286		

22. Expenses classified based on nature of expense

Details of classification based on nature of expenses for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended					
	March 31, 2020			March 31, 2019		
Material costs	₩	24,606	₩	26,764		
Outsourcing costs		182,737		180,750		
Salaries		86,945		80,252		
Provision for pension benefits		13,636		9,748		
Depreciation and amortization		25,661		23,568		
Rents		508		690		
Communications		4,447		4,726		
Employee welfare benefits		15,600		13,841		
Commissions		9,421		15,495		
Education and training		7,377		4,064		
Office management		8,644		9,661		
Travel		2,759		3,367		
Others		10,650		10,360		
	₩	392,991	₩	383,286		

23. Finance income (costs) and other non-operating income (expenses)

23.1 Finance income and costs

Details of finance income and costs for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended			
	N	larch 31, 2020		March 31, 2019
Finance income:				
Interest income	₩	998	₩	1,704
Gain on foreign currency transactions		1,291		780
Gain on foreign currency translation		810		377
Gain on valuation of financial assets measured at FVTPL		48		392
Gain on valuation of derivative instruments		12		147
Gain on transactions of derivative instruments		21		69
	₩	3,180	₩	3,469
		For the three	mor	nths ended
	N	larch 31, 2020		March 31, 2019
Finance costs:				
Interest expenses	₩	48,434	₩	47,343
Loss on foreign currency transactions		592		480
Loss on foreign currency translation		368		53
Loss on valuation of derivative instruments		845		327
Loss on transactions of derivative instruments		462		173
	₩	50,701	₩	48,376

23.2 Other non-operating income and expenses

Details of other non-operating income and expenses for three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended			
	Μ	arch 31, 2020		March 31, 2019
Other non-operating income:				
Gain on disposal of property, plant and equipment	₩	2	₩	7
Others		1,735		337
	\mathbb{W}	1,737	₩	344
Other non-operating expenses:				
Loss on disposal of property, plant and equipment	₩	4	₩	4
Loss on disposal of intangible assets		-		1
Donations		2,967		113
Others		520		508
	₩	3,491	₩	626

24. Income taxes

The Company calculated corporate income tax expense by adding the current period adjustments to the accumulated interim tax expense, reflecting deferred tax expense (income) due to changes in temporary differences and considering adjustments not related to the interim profit or loss.

Effective tax rates for the three months ended March 31, 2020 and 2019 were 1.97% and 2.72%, respectively.

25. Earnings per share

(1) Basic earnings per share for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

	For the three months ended				
	Mar	rch 31, 2020		March 31, 2019	
Profit for the period	₩	982,897	₩	1,045,112	
Less: preferred share dividends		(571)		(571)	
Profit for the period attributable to ordinary share owners of the Company	₩	982,326	₩	1,044,541	
Weighted-average number of issued shares outstanding (*1)		52,304,347		55,824,347	
Basic earnings per share (Korean won)	₩	18,781	₩	18,711	

(*1) Weighted-average number of issued shares represents the number of ordinary shares less treasury shares from the total number of issued shares of ordinary share.

The weighted-average number of issued shares outstanding for the three months ended March 31, 2020 and 2019 are as follows:

	For the three months ended			
	March 31, 2020 March 31, 20			
Weighted-average number of shares outstanding	70,360,297	70,360,297		
Weighted-average number of treasury shares	(18,055,950)	(14,535,950)		
Weighted-average number of issued shares outstanding	52,304,347	55,824,347		

26. Transactions with related parties

Details of significant transactions with related parties for the three months ended March 31, 2020 and 2019, and significant balances with related parties as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

(1) The subsidiaries of the Company as of March 31, 2020, are as follows:

	Subsidiaries
Subsidiaries (total 293)	Tae-won, Chey and related parties SK Innovation Co., Ltd., SK Energy Co., Ltd., Netruck Co., Ltd., Jeju United FC Corporation, Happydidim Co., Ltd., SK Energy Road Investment Co., Ltd., SK Energy Hong Kong Co., Ltd., SK Energy Road Investment (HK) Co., Ltd., Ningbo SK Baoying Asphalt Storage Co., Ltd., Hefei SK Baoying Asphalt Co., Ltd., Chongqing SK Asphalt Co., Ltd., SK Asphalt (Shanghai) Co., Ltd., SK Global Chemical Co., Ltd., SK Global Chemical (China) Holding Co., Ltd., SK Global Chemical Co., Ltd., SK Global Chemical International Trading (Shanghai) Co., Ltd., SK Global Chemical International Trading (Guangzhou) Co., Ltd., SK Global Chemical Americas, Inc., SK Primacor Americas LLC, SK Primacor Europe, S.L.U., SK Saran Americas LLC, SK Global Chemical Japan Co., Ltd., SK Global Chemical Singapore Pte. Ltd., SK Global Chemical Investment Hong Kong Ltd., Ningbo SK Performance Rubber Co., Ltd., HAPPYMOEUM Co., Ltd., SK Functional Polymer, S.A.S, SK Incheon Petrochem Co., Ltd., SK Trading International Co., Ltd., SK Energy International Pte. Ltd., SK Energy Europe, Ltd., SK Energy Americas, Inc., SK Terminal B.V., SK Lubricants Co., Ltd., Yubase Manufacturing Asia Corporation, SK Energy Lubricants (Tianjin) Co., Ltd., SK Lubricants Americas, Inc., SK Lubricants Europe B.V., SK Lubricants Japan Co., Ltd., SK Hi-tech Battery Materials Poland Sp. Zoo., SK Mobile Energy Co., Ltd., SK Inovation Insurance (Bermuda), Ltd., SK USA, Inc., Super Seed NY LLC, Blue Dragon Energy Co., Limited., Jiangsu SK Battery Certification Center, SK Battery Hungary Kft., SK Battery America, Inc., SK Battery Certification Center, SK Battery Hungary Kft., SK Battery America, Inc., SK Battery Certification Center, SK Battery Hungary Kft., SK Battery America, Inc., SK Battery Certification Center, SK Battery Hungary Kft., SK Battery America, Inc., SK Battery Certification Center, SK Battery Hungary Kft., SK Battery America, Inc., SK Battery Certification Center, SK Battery Hungary Kft., SK Battery America, Inc., SK Battery Certification
	Caps Co., Ltd., Capstek Co., Ltd., Quantum Innovation Private Equity Joint Venture I , SK Infosec Co., Ltd., SKinfosec Information Technology(Wuxi) Co., Ltd. , SK Planet Co., Ltd., SK M & Service Co., Ltd., SKP Global Holdings Pte. Ltd., SKP America LLC, K-Net Culture & Contents Venture Fund, SK Telecom China Holdings Co., Ltd., SK Global Healthcare Business Group, Ltd., SKT Americas Inc., YTK Investment Ltd., Atlas Investment Ltd., SK Telecom Innovation Fund, L.P., SK Telecom China Fund I L.P., SK Telecom TMT Investment Corp., Dreamuscompany Co., Ltd., iriver Enterprise Ltd., iriver China Co., Ltd., Dongguan iriver Electronics Co., Ltd., Life Design Company Japan Inc., SK Telecom Japan Inc., SK Planet Japan, K. K., id Quantique SA, id Quantique Ltd., FSK L&S Co., Ltd., FSK L&S(Shanghai) Co., Ltd., FSK L&S(Hungary) Co., Ltd., Incross Co., Ltd., Infra Communications Co., Ltd., Mindknock Co., Ltd., Happyhanwool Co., Ltd., SK MENA Investment B.V., SK Latin Americas Investment S.A., SK Technology Innovation Company, SK Networks Co., Ltd., SK Networks Service Co., Ltd., SK Magic Vietnam Company Limited, SK Networks Retails Malaysia Sdn. Bhd., SK Rent-a-Car Co., Ltd., SK Networks (China) Holdings Co., Ltd., SK Networks Real Estate Development Co., Ltd., Sk Networks (Dandong) Energy Co., Ltd., Sk Networks (Liaoning) Logistics Co., Ltd., SK Networks (Dandong) Energy Co., Ltd., Sk Networks (Liaoning) Logistics Co., Ltd., SK Networks (Xiamen) Steel Processing Center Co., Ltd., SK Networks Japan Co., Ltd., SK Networks Resulted Shanghai) Co., Ltd., SK (Guangzhou) Metal Co., Ltd., SK Networks Resultand GmbH, Daiyang SK Networks SAN. VE TIC. Ltd. STI , SK Networks Resources Australia Pty. Ltd., SK Networks Middle East FZE, SK BRASIL LTDA, SK Networks Trading Malaysia Sdn Bhd, SK Networks America, Inc., SK NETWORKS BRASIL INTERMEDIACAO DE NEGOCIOS LTDA.,

Subsidiaries (total 293)

Subsidiaries

Networks Tejarat Pars, SKC Co., Ltd., Woori Fine Chem Co., Ltd., SK Telesys Co., Ltd., Techdream Co., Ltd., SKC Infra Service Co., Ltd., SKC Solmics Co., Ltd., Solmics Taiwan Co., Ltd., Solmics Shanghai Co., Ltd., SKC solmics Hong Kong Co., Ltd., SKC Semiconductor Materials(Wuxi) Co., Ltd, SKC-Eco Solution Co., Ltd., SKC (Jiangsu) High Tech Plastics Co., Ltd., SKC, Inc., SKC Europe GmbH, SK Bioland Co., Ltd., Bioland Biotec Co., Ltd., Bioland Haimen Co., Ltd., SKC Hi-Tech&Marketing Co., Ltd., SKC Hi-Tech&Marketing (Suzhou) Co., Ltd., SKC Hi-Tech&Marketing Taiwan Co., Ltd., SKC Hi-Tech&Marketing Polska SP.Z.O.O, SKC Hi-Tech&Marketing USA LLC, SKC PU Specialty Co., Ltd., SKC (Nantong) PU Specialty Co., Ltd., SKC-ENF Electronic Materials Ltd., SKC (Nantong) Semiconductor Materials Technology Co., Ltd., SE (Jiangsu) Electronic Materials Co., Ltd., SK PICGlobal Co., Ltd., SKCFTH Co., LTD., KCFTechnologis Co., Ltd., SK E&S Co., Ltd., Kangwon City Gas Co., Ltd., Yeongnam Energy Service Co., Ltd., Ko-one Energy Service Co., Ltd., Pusan City Gas Co., Ltd., Jeonbuk Energy Service Co., Ltd., Chonnam City Gas Co., Ltd., Chungcheong Energy Service Co., Ltd., Paju Energy Service Co., Ltd., Narae Energy Service Co., Ltd. (formerly, Wirye Energy Service Co., Ltd.), Yeoju Energy Service Co., Ltd., Jeonnam Offshore Wind Power Co., Ltd., SK E&S Hong Kong Co., Ltd., SK E&S Australia Pty. Ltd., SK E&S Americas, Inc., SK E&S LNG, LLC, DewBlaine Energy, LLC, CAILIP Gas Marketing, LLC, Rnes Holdings, LLC, Storage Solution Holdings, LLC, CAES, LLC, Prism Energy International China Limited, Prism Energy International Zhoushan Limited, Prism Energy International Pte, Ltd., Fajar Energy International Pte. Ltd., Prism Energy International Hong Kong, Ltd., PT Prism Nusantara International (formerly, PT SK E&S Nusantara), SK E&S Dominicana S.R.L, SK Engineering & Construction Co., Ltd., Seosuwon Development Company, SK TNS Co., Ltd., SKEC Nanjing Co., Ltd., SKEC (Thai), Ltd., Thai Woo Ree Engineering Co., Ltd., SKEC Anadolu, LLČ, SK E&C Betek Corporation, Mesa Verde RE Ventures, LLC, SKEC Consultores Ecquador, S.A., Sunlake Co., Ltd., SK HOLDCO PTE. LTD., Silvertown Investco Limited, SK Materials Co., Ltd., SK Materials Japan Co., Ltd., SK Materials Taiwan Co., Ltd., SK Materials Jiangsu Co., Ltd., SK Materials (Xian) Co., Ltd., SK Airgas Co., Ltd., SK Tri Chem Co., Ltd., SK Showa Denko Co., Ltd., SK Materials (Shanghai) Co., Ltd., Happycompanion Co., Ltd., HANYU CHEMICAL Co., Ltd., SK Performance Materials Co., Ltd., SK Siltron Co., Ltd., SK Siltron America, Inc, SK Siltron Japan, Inc., SK Siltron Shanghai Co., Ltd., SK Siltron USA, Inc., SK Siltron CSS, LLC., Happy Chaeum Co., Ltd., SK Biopharmaceuticals Co., Ltd., SK Life Science, Inc., SK Bio-Pharma Tech (Shanghai) Co., Ltd., SK S.E.Asia Pte. Ltd., Essencore Limited, Essencore (Shenzhen) Limited, SK China Company, Ltd., SKY Property Mgmt (Beijing) Co., Ltd., SK Bio Energy HongKong Co., Ltd., SK Property Investment Management Co., Ltd., SK Industrial Development China Co., Ltd., Shanghai SKY Real Estate Development Co., Ltd., SK China Investment Management Co., Ltd., SK International Agro-Products Logistics Development Co., Ltd., SK International Agro-Sideline Products Park Co., Ltd., SK Auto Service Hong Kong Co., Ltd., SK (Shenyang) auto rental Co., Ltd., SK (Beijing) auto rental Co., Ltd., SK Rent-A-Car (Qingdao)Co., Ltd., Skyline Auto Financial Leasing Co., Ltd., SK Financial Leasing Co., Ltd., SK China (Beijing) Co., Ltd., SKY Property Management Ltd., SKY Investment Co., Ltd., SK China Real Estate Co., Ltd., SK China Creative Industry Development Co., Ltd., SK C&C Beijing Co., Ltd., SK C&C Chengdu Co., Ltd., SK C&C India Pvt. Ltd., S&G Technology, Saturn Agriculture Investment Co., Ltd., SK Investment Management Co., Ltd., SK Semiconductor Investments Co., Ltd., Gemini Partners Pte. Ltd., Solaris Partners Pte. Ltd., Solaris GEIF Investment, SK GI Management, Plutus Capital NY, Inc., Hudson Energy NY, LLC, Hudson Energy NY II, LLC, Hudson Energy NY III, LLC, Plutus Fashion NY, Inc., Wonderland NY, LLC, Atlas NY LLC, SK South East Asia Investment Pte. Ltd., SK Investment Vina I Pte. Ltd., SK Investment Vina II Pte. Ltd., SK Pharmteco Inc., SK Biotek Co., Ltd., SK BIOTEK IRELAND LIMITED, SK BIOTEK USA, Inc., Abrasax Investment Inc., Fine Chemicals Holdings Corp., AMPAC Fine Chemicals, LLC, AMPAC Fine Chemicals Texas, LLC, AMPAC Fine Chemicals Virginia, LLC, Golden Pearl EV Solutions Limited, SK Forest Co., Ltd., HWEECHAN Co., Ltd.

(2) Details of significant financial transactions with the related parties for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

		For the three months ended						
		Sales and	others (*1)	Purchase an	d others (*2)			
	Company name	March 31, 2020	March 31, 2019	March 31, 2020	March 31, 2019			
Subsidiaries	SK Innovation Co., Ltd.	₩ 65,111	₩ 221,215	₩ 2,238	₩ 461			
	SK Energy Co., Ltd.	26,276	21,270	-	-			
	SK Global Chemical Co., Ltd.	8,871	6,730	-	-			
	SK Incheon Petrochem Co., Ltd.	6,028	5,033	-	-			
	SK Lubricants Co., Ltd.	2,469	2,850	-	-			
	SK Battery Hungary Kft.	1,125	-	-	-			
	SK Engineering & Construction Co., Ltd.	16,243	15,996	-	-			
	SKC Co., Ltd.	18,392	18,170	-	-			
	SK E&S Co., Ltd.	661,742	608,701	-	-			
	SK Biopharmaceuticals Co., Ltd.	1,962	938	-	-			
	SK Infosec Co., Ltd.	745	1,101	2,770	3,042			
	SK C&C Beijing Co., Ltd.	2,711	3,036	1,071	1,402			
	SK S.E.ASIA Pte. Ltd.	37,219	-	-	-			
	SK Networks Co., Ltd.	21,190	21,483	2,004	1,933			
	SK Telecom Co., Ltd.	269,950	277,316	3,675	8,129			
	SK Broadband Co., Ltd.	22,256	23,364	1,924	2,035			
	SK Planet Co., Ltd.	3,574	5,008	-	227			
	11Street Co., Ltd.	799	979	57	-			
	SK Materials Co., Ltd.	21,276	20,448	-	-			
	SK Siltron Co., Ltd.	6,185	3,618	-	-			
	Others	23,153	13,300	5,218	3,331			
Other related	Hana Land Chip PEF 33	1,693	1,666	8,594	8,594			
parties	SK hynix Inc.	107,393	95,848	3,691	4,200			
	SK hynix Semiconductor (China) Ltd.	818	8,069	-	-			
	SK hynix system ic (Wuxi) Co., Ltd.	2,323	-	-	-			
	THIRA-UTECH Co., Ltd.	-	-	1,716	778			
	Others	4,056	2,136	2,949	2,789			
Others (*3)	SK Gas Co., Ltd.	3,395	3,342	-	-			
	SK Chemicals Co., Ltd.	1,840	-	-	-			
	Others	3,200	3,647	98	3,165			
		₩ 1,341,995	₩ 1,385,264	₩ 36,005	₩ 40,086			

(*1) Consists of dividends income received from subsidiaries and others, trademark usage income, rental income and others.

(*2) Consists of rental expenses, outsourcing costs and others.

(*3) Although, not designated as related parties as defined in paragraph 9 of KIFRS 1024, the entity is designated as related parties based on the resolution made by the Securities and Futures Commission that conglomerate affiliates designated by the Fair Trade Commission are related parties based on the substance of relation as regulated by paragraph 10 of KIFRS 1024.

(3) Details of outstanding balances of receivables and payables with the related parties as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

		March 31, 2020									
			Receivables				Payables				
			Trade		Other		Trade	Ċ	Other		
	Company name	rec	<u>ceivables</u>	rec	<u>eivables</u>	Total	payables	pa	yables		Total
Subsidiaries	SK Innovation Co., Ltd.	₩	28,580			₩106,027	₩ -	₩	13,637	₩	13,637
	SK Energy Co., Ltd.		6,453		57	6,510	-		2,717		2,717
	SK Global Chemical Co., Ltd.		1,368		23	1,391	-		4,148		4,148
	SK Incheon Petrochem Co., Ltd.		604		-	604	-		1,854		1,854
	SK Lubricants Co., Ltd.		3,999		10	4,009	-		8,643		8,643
	SK Battery Hungary Kft.		1,069		-	1,069	-		11		11
	SK Engineering & Construction		3,970		9,438	13,408	-		27		27
	Co., Ltd.										
	SKC Co., Ltd.		1,337		15,390	16,727	-		77		77
	SK E&S Co., Ltd.		2,249		173	2,422	-		843		843
	SK Biopharmaceuticals Co., Ltd.		3,636		-	3,636	-		165		165
	SK Infosec Co., Ltd.		952		-	952	1,355		1,519		2,874
	SK C&C Beijing Co., Ltd.		3,865		-	3,865	463		914		1,377
	SK S.E.Asia Pte. Ltd.		-		37,592	37,592	-		-		-
	SK Networks Co., Ltd.		4,834		11,707	16,541	1		2,276		2,277
	SK Telecom Co., Ltd.		30,432		195,078	225,510	443		6,638		6,781
	SK Broadband Co., Ltd.		20,510		17	20,527	377		2,590		2,967
	SK Planet Co., Ltd.		3,826		-	3,826	-		199		199
	11Street Co., Ltd.		352		-	352	-		70		70
	SK Materials Co., Ltd.		688		19,942	20,630	-		627		627
	SK Siltron Co., Ltd.		10,659		12	10,671	-		1,314		1,314
	Others		23,512		655	24,167	71		8,334		8,405
Other related	Hana Land Chip PEF 33		-		7,675	7,675	-		34,057		34,057
parties	SK hynix Inc.		174,688		8,380	183,068	-		33,899		33,899
	SK hynix Semiconductor		1,018		-	1,018	-		384		384
	(China) Ltd.										
	SK hynix system ic (Wuxi)		4,089		-	4,089	-		-		-
	Co., Ltd.										
	THIRA-UTECH Co., Ltd.		-		-	-	468		-		468
	Others		4,673		3,188	7,861	1,134		2,834		3,968
Others (*1)	SK Gas Co., Ltd.		874		14	888		-	84		84
	SK Chemicals Co., Ltd.		759		-	759		-	4		4
	Others		1,700		7	1,707	108		16		124
		₩	340,696	₩	386,805	₩ 727,501	₩ 4,420	₩	127,581	₩	132,001

(*1) Although, not designated as related parties as defined in paragraph 9 of KIFRS 1024, the entity is designated as related parties based on the resolution made by the Securities and Futures Commission that conglomerate affiliates designated by the Fair Trade Commission are related parties based on the substance of relation as regulated by paragraph 10 of KIFRS 1024.

		December 31, 2019									
			Receivables				Payables				_
			Trade	C	Other		Trade	Ċ	Other		
	Company name	ree	<u>ceivables</u>	rece	eivables	Total	payables	pa	yables	Total	
Subsidiaries	SK Innovation Co., Ltd.	₩	23,415	₩	40,517	₩ 63,932	₩ -	₩	11,787	₩ 11,7	87
	SK Energy Co., Ltd.		10,543		-	10,543	-		2,466	2,4	66
	SK Global Chemical Co., Ltd.		4,816		-	4,816	-		5,691	5,6	91
	SK Incheon Petrochem Co., Ltd.		1,644		-	1,644	-		2,002	2,0	02
	SK Lubricants Co., Ltd.		2,093		-	2,093	-		4,869	4,8	69
	SK Battery Hungary Kft.		324		-	324	-		407	4	07
	SK Engineering & Construction		3,474		-	3,474	-		1,324	1,3	24
	Co., Ltd.										
	SKC Co., Ltd.		2,664		-	2,664	-		24		24
	SK E&S Co., Ltd.		6,017		153	6,170	-		600	6	00
	SK Biopharmaceuticals Co., Ltd.		2,231		-	2,231	-		113	1	13
	SK Infosec Co., Ltd.		1,520		-	1,520	1,375		3,161	4,5	36
	SK C&C Beijing Co., Ltd.		6,412		-	6,412	488		1,563	2,0	51
	SK Networks Co., Ltd.		6,043		20	6,063	1		2,858	2,8	
	SK Telecom Co., Ltd.		54,408		357	54,765	216		6,987	7,2	
	SK Broadband Co., Ltd.		34,868		-	34,868	397		5,959	6,3	56
	SK Planet Co., Ltd.		5,229		-	5,229	686		169	8	55
	11Street Co., Ltd.		1,312		-	1,312	-		90		90
	SK Materials Co., Ltd.		1,023		-	1,023	-		428	4	28
	SK Siltron Co., Ltd.		7,449		-	7,449	-		381	-	81
	Others		21,553		629	22,182	319)	9,713	10,0	-
Other related	Hana Land Chip PEF 33		-		5,983	5,983	-		42,464	42,4	64
parties	SK hynix Inc.		166,543		8,154	174,697	-		28,412	28,4	
	SK hynix Semiconductor (China) Ltd.		2,932		-	2,932	-		628	6	28
	SK hynix system ic (Wuxi) Co., Ltd.		1,766		-	1,766	-		-		-
	THIRA-UTECH Co., Ltd.		-		-	-	628		20	6	48
	Others		2.667		3.019	5.686	1.268		2.872	4,1	
Others (*1)	SK Gas Co., Ltd.		455		-	455	-		153	,	53
(-)	SK Chemicals Co., Ltd.		976		-	976	-		-	•	-
	Others		1,290		-	1,290	-		-		-
		₩	373,667	₩	58,832	₩ 432,499	₩ 5,378	₩	135,141	₩ 140,5	19

(*1) Although, not designated as related parties as defined in paragraph 9 of KIFRS 1024, the entity is designated as related parties based on the resolution made by the Securities and Futures Commission that conglomerate affiliates designated by the Fair Trade Commission are related parties based on the substance of relation as regulated by paragraph 10 of KIFRS 1024.

(4) Compensation for key management personnel of the Company for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

		For the three months ended			
	March	31, 2020	Marc	h 31, 2019	
Salaries	${\mathbb W}$	3,373	₩	2,879	
Provision for pension benefits		4,714		1,442	
Share-based payment expenses		199		382	
	\overline{W}	8,286	₩	4,703	

Key management consists of registered executives who are responsible for the planning, operation and control of the Company's business activities.

(5) Guarantees provided to related parties are described in Note 28.

27. Cash flow information

(1) Details of non-cash adjustments for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended				
		March 31, 2020	Marc	n 31, 2019	
Provision for pension benefits	₩	13,001	\mathbb{W}	9,699	
Depreciation		19,440		18,754	
Amortization		6,242		4,814	
Bad debt expenses		49		45	
Provisions transferred in		647		693	
Interest expenses		48,434		47,343	
Loss on foreign currency translation		368		53	
Loss on valuation of derivative instruments		845		327	
Loss on disposal of property, plant and equipment		4		4	
Loss on disposal of intangible assets		-		1	
Share-based payment expenses		199		382	
Income tax expense		19,797		29,186	
Dividends income		(990,581)		(1,054,468)	
Interest income		(998)		(1,704)	
Gain on foreign currency translation		(810)		(377)	
Gain on valuation of financial assets measured at FVTPL		(48)		(392)	
Gain on valuation of derivative instruments		(12)		(147)	
Gain on disposal of property, plant and equipment		(2)		(7)	
Others		411		(356)	
	₩	(883,014)	₩	(946,150)	

(2) Details of working capital adjustments for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended					
	Marc	ch 31, 2020	March 31, 20	rch 31, 2019		
Trade receivables	₩	30,008	\overline{W}	86,281		
Other receivables		(4,541)		(530)		
Inventories		(32)		(30)		
Advanced payments		586		5,554		
Lease receivables		8,386		8,078		
Prepaid expenses		(5,018)		(4,410)		
Trade payables		(60,255)		32,492)		
Advances received		73,035		63,494		
Withholdings		4,500	(16,444)		
Other payables		(58,349)	•	55,858)		
Accrued expenses		(38,835)	(32,234)		
Leasehold deposits received		68		(18)		
Provision		(1,589)		(1,511)		
Defined benefit obligation		(10,375)		(2,354)		
Plan assets		11,171		5,234		
Others		128		(207)		
	\mathbb{W}	(51,085)	₩	<u>22,553</u>		

27. Cash flow information (cont'd)

(3) Details of significant non-cash transactions for the three months ended March 31, 2020 and 2019 are as follows (Korean won in millions):

	For the three months ended			
	March 31, 2020	March 31, 2019		
changes in accounting policies	-	₩ (71,125)		
Transfer of lease liabilities based on the changes in accounting policies	-	132,448		
Transfer from construction-in-progress to property, plant and equipment	3	7,534		
Transfer of long-term bonds payable to current-portion	n 320,954	339,853		
Decrease in other payables regarding the acquisition of property, plant and equipment	522	991		
Dividend payable	211,503	225,583		

28. Commitments and contingencies

(1) Guarantees provided by others for the Company's obligations and indebtedness as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions):

	Currency	March 31, 2020	December 31, 2019
Seoul Guarantee Insurance	KRW	166	300
Korea Software Financial Cooperative	KRW	316,077	291,860

(2) Pending litigation

There are no major pending litigations as of March 31, 2020.

- (3) Significant commitments
- SK Innovation Co., Ltd., SK Energy Co., Ltd., SK Global Chemical Co., Ltd., SK Lubricants Co., Ltd., SK Incheon Petrochem Co., Ltd., SK Trading International Co., Ltd. and SK ie technology Co., Ltd. are collectively responsible for any obligations arising before the spin-off on July 1, 2007. The Company and SK Biopharmaceuticals Co., Ltd. are collectively responsible for any obligations that occurred before the spin-off on April 1, 2011.
- 2) The Company entered into a contract to lease the headquarter's building from NH Bank, the trustee of Hana Asset Management Co., Ltd.. Under the terms of the lease, the lease period is until March 27, 2021, and the Company has the preemptive right to purchase the building at the fair value when the lessor elects to dispose the property.
- 3) The Company holds IT outsourcing and IT system maintenance agreements to provide hardware and information systems maintenance, and development service entered into between the Company and the affiliates of SK Group companies and others.
- 4) The Company entered into a contract with Gyeonggi province on May 31, 2011 to purchase land located in Pangyo Land Development District. The total agreement amount is ₩82,964 million (the Company's portion: ₩45,536 million (54.9%)), which will be used for the construction of urban infrastructure facilities ("designated purpose" of the land). The contract includes requirements to be complied with and restrictions in transfer of ownership of the land. Should there be non-compliance, the contract may be terminated or cancelled.

28. Commitments and contingencies (cont'd)

5) The Company has total return swap contracts in regards to SK Shipping Co., Ltd.'s issuance of ordinary shares and sale of existing shares, and details are as follows:

	Subscription of new shares	Sale of existing shares				
Investor	Special Situation 1 st Fund	Corporate Turnaround 1 st Fund				
Number of shares	6,548,672	4,808,259				
Contract date	April 11, 2017	May 11, 2017				
Expiry date	April 10, 2022	May 10, 2022				
Settlement	The Company and the investors settle the amount that deducts the issue price from the net selling price in cash. If the amount is positive, the investor sha pay to the Company, and if the amount is negative, the Company shall pay to the investor. In case where the sale is not complete, the selling price of the shares is considered to be 0.					
Premium	The Company shall pay to the investors the amount equivalent to 3.14% of the total shares held by investors annually. When the investor receives dividends on the shares held, the amount shall be paid to the Company.					
Call option	The Company has the right to purchase the shares held by the investors at the issued price of the ordinary shares with certain level of additional charges.					

6) The Company entered into total return swap contracts with ordinary share investors of SK Siltron Co., Ltd., one of the subsidiaries, and details are as follows:

	Total return swap contracts
Investor	Warmachine Sixth Co., Ltd. and others
Number of shares	13,140,440
Contract date	August 25, 2017
Expiry date	August 24, 2022
Settlement	The Company and the investors settle the amount that deducts the issue price from the net selling price in cash. If the amount is positive, the investor shall pay to the Company, and if the amount is negative, the Company shall pay to the investor. In case where the sale is not complete, the selling price of the shares is considered to be 0.
Premium	The Company shall pay 0.5% of the initial contract amount on the closing date of the transaction and shall pay to the investors the amount equivalent to 3.20% of the total shares held by investors annually. When the investor receives dividends on the shares held, the amount shall be paid to the Company.
Call option	On a three-month basis from the closing date of sale ("the quarterly payment day"), the Company has the right to purchase the shares held by the investors at the initial contract price of the ordinary shares with certain level of additional charges.

28. Commitments and contingencies (cont'd)

7) The Company entered into total return swap contracts with ordinary share investors of SK E&S Co., Ltd., one of the subsidiaries, and The details are as follows:

	Total return swap contracts
Investor	MD Prime 1st Co., Ltd. and others
Number of shares	4,640,199
Contract date	November 14, 2017
Expiry date	November 13, 2022
Settlement	The Company and the investors settle the amount that deducts the issue price from the net selling price in cash. If the amount is positive, the investor shall pay to the Company, and if the amount is negative, the Company shall pay to the investor. In case where the sale is not complete, the selling price of the shares is considered to be 0.
Premium	The Company shall pay to the investors the amount equivalent to 3.07% of the total shares held by investors annually. When the investor receives dividends on the shares held, the amount shall be paid to the Company.
Call option	On the premium payment date and on a three-month basis between the date on which the resolution is made by the Board of Directors with regards to designation of IPO supervisor and the submission date of demand of preliminary assessment for listing ("the quarterly payment day"), the Company has the right to purchase the shares held by the investors at the initial contract price of the ordinary shares with certain level of additional charges.

- 8) SK E&S LNG, LLC, one of the subsidiaries, is scheduled to be provided with liquefaction service for 20 years from FLNG Liquefaction 3, LLC, Which plans to operate natural gas liquefaction plants in Texas starting from 2019. As of March 31, 2020, SK E&S Co., Ltd., one of the subsidiaries, is responsible for performance guarantee in case of SK E&S LNG, LLC's inability to make payments for service or for claims against breach of obligation. In regard to this, the Company provides performance guarantee for SK E&S Co., Ltd.'s guarantee.
- 9) The Company entered into a cash deficiency support agreement with Hudson Energy NY, LLC, a subsidiary of Plutus Capital NY, Inc., to lend funds for the shortfall of payment for loans and credit limit of USD 226,000 thousand.
- 10) The Company entered into a cash deficiency support agreement with Abrasax Investment Inc., a subsidiary of subsidiary SK Pharmteco Inc., which is a subsidiary of the Company, to lend funds for the shortfall of payment for loans and credit of up to USD 315,000 thousand.

(4) The Company has provided 7 blank checks and 10 blank notes as collateral in relation to sales and other transactions as of March 31, 2020.

29. Financial risk management

The principal financial liabilities of the Company comprise borrowings, bonds payable, trade and other payables. The main purpose of these financial liabilities is to finance the operations of the Company. Further, the Company has various financial assets, including trade and other receivables that are directly related to its operations.

The Company's financial assets and liabilities are exposed to mainly market risk, credit risk and liquidity risk. The Company's key management is responsible for the Company's financial risk-taking activities, and that such activities are governed by appropriate policies and procedures.

(1) Market risk

Market risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risks comprise three types of risk: interest rate, foreign currency and other price.

1) Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Company manages its interest rate risk by having a balanced portfolio of fixed and variable rate loans and borrowings, The Company's risk hedging activities are evaluated periodically in order to consider the status of interest rates and degree of risk aversion and fulfill optimal risk hedging strategies. The Company does not believe the fluctuation in market interest rate other than those mentioned above has a material impact on its financial statements.

2) Foreign currency risk

Foreign currency risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates. The exposure to the risk of changes in foreign exchange rates relates primarily to selling and purchasing. The Company manages its foreign currency risk periodically.

Significant monetary assets and liabilities denominated in foreign currencies as of March 31, 2020 and December 31, 2019 are as follows (Korean won in millions, and USD, EUR and Others in thousands):

		March 31, 2020			December	[.] 31, 2	019
		Foreign	K	lorea won	Foreign		orea won
	Currency	currencies	e	equivalent	currencies	ec	uivalent
Assets	USD	40,632	₩	49,699	19,519	₩	22,599
	EUR	777		1,047	573		743
	Others			5,340			7,058
			₩	56,086		₩	30,400
Liabilities	USD	2,788	₩	3,409	5,918	₩	6,851
	EUR	44		59	11		14
	Others			1,138			1,407
			₩	4,606		₩	8,272

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

	March 31, 2020		December 31, 2019	
	Increase by	Decrease by	Increase by	Decrease by
	10%	10%	10%	10%
Increase (decrease) in income before tax expense	₩ 5,148	₩ (5,148)	₩ 2,308	₩ (2,308)

3) Other price risk

Other price risk is the risk that the fair value or future cash flows of financial instruments will fluctuate because of changes in market prices other than from interest rate risk and foreign currency risk. The Company has not determined that the effect of changes in other price would have materially affected the Company.

(2) Credit risk

Credit risk is the risk of financial loss to the Company if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Company's receivables from customers and investment securities.

The carrying amount of financial assets represents the maximum credit exposure. The maximum exposure to credit risk as of March 31, 2020 and December 31, 2019 is as follows and for cash and cash equivalents, credit risk exposure is low (Korean won in millions):

		March 31, 2020	December 31, 2019	
Short-term and long-term financial instruments	₩	91,059	₩	153,221
Trade receivables		285,464		320,138
Other receivables		342,030		1,117
Accrued income		184		142
Investment securities		308,647		286,932
Short-term and long-term guarantee deposits		24,332		21,544
Short-term and long-term lease receivables		33,219		40,254
Short-term and long-term loans		3,036		2,871
Financial derivatives asset		384,592		384,996
	₩	1,472,563	\underline{W}	1,211,215

1) Trade and other receivables

Customer credit risk is managed by each business unit subject to the Company's established policies, procedures and control related to customer credit risk management. Credit quality of the customer is assessed based on an extensive credit rating scorecard and individual credit limits are defined in accordance with this assessment. Outstanding customer receivables are regularly monitored and any shipments to major customers are generally covered by letters of credit or other forms of credit insurance.

Maximum exposure to credit risk at the reporting date is the book value of each class of financial assets. The Company apply a simple method that recognizes lifetime expected credit losses as a provision for losses on account receivables and other receivables. To measure expected credit losses, trade receivables and contract assets were separated by credit risk characteristics and past due dates.

2) Other financial assets

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

(3) Liquidity risk

Liquidity risk refers to the risk that the Company may default on the contractual obligations that become due. The Company manages its risk to a shortage of funds using a recurring liquidity planning tool.

The contractual maturity of financial liabilities as of March 31, 2020 is as follows. Amounts include interests paid and presented at gross amounts (Korean won in millions):

	Book value	Contractual cash flow	Less than 3 months	3-12 months	1-5 years	More than 5 years
Short-term borrowings	₩ 1,830,00	0 ₩ 1,831,497	₩ 1,641,497	₩ 190,000	₩ -	₩ -
Bonds payable	6,313,11	6 6,825,578	228,854	1,024,088	4,440,047	1,132,589
Financial derivatives liabilities	223,03	5 223,035	408	202	222,425	-
Trade accounts payables	100,03	0 100,030	100,030	-	-	-
Lease liabilities	89,22	5 91,147	5,795	51,567	32,589	1,196
Other liabilities	306,63	9 306,639	78,969	222,217	5,453	-
	₩ 8,862,04	<u>5</u> ₩ <u>9,377,926</u>	₩ 2,055,553	₩ 1,488,074	₩ 4,700,514	₩ 1,133,785

(4) Capital management

The fundamental goal of capital risk management is to maintain a solid financial structure. In addition, as the Company is a holding company, it should maintain a debt ratio of less than 200% under Article 8 of the *Monopoly Regulations and Fair Trade Law*. The debt ratio is calculated as total liabilities divided by total equity.

The Company maintains a debt ratio of 66.65% as of March 31, 2020. The maturity of the debt is dispersed in the long-term and the borrowings mainly consist of long-term bonds, which do not present significant risks for unexpected payment for debts.

The Company's debt ratio as of March 31, 2020 and December 31, 2019 is as follows (Korean won in millions):

	March 31, 2020		December 31, 2019	
Total liabilities	\mathbb{W}	9,444,236	₩	9,132,524
Total equity		14,170,353		13,402,562
Debt ratio		66.65%		68.14%