

# SK Holdings Co., Ltd. and its subsidiaries

Interim condensed consolidated financial statements for the six months ended June 30, 2019 and 2018 with the independent auditor's review report

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Report on review of interim condensed consolidated financial statements

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#### Report on review of interim condensed consolidated financial statements

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

We have reviewed the accompanying interim condensed consolidated financial statements of SK Holdings Co., Ltd. (the "Company") and its subsidiaries (collectively, the "Group"), which comprise the interim condensed consolidated statement of financial position as of June 30, 2019, and the interim condensed consolidated statements of comprehensive income for the three-month and six-month periods ended June 30, 2019 and 2018, interim condensed consolidated statements of changes in equity and interim condensed consolidated statements of cash flows for the six-month periods then ended, and a summary of significant accounting policies and other explanatory information.

# Management's responsibility for the interim condensed consolidated financial statements

Management is responsible for the preparation and fair presentation of these interim condensed consolidated 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 condensed consolidated financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditors' responsibility

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

We conducted our review in accordance with the review standards 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 consolidated financial statements are not presented fairly, in all material respects, in accordance with KIFRS 1034 *Interim Financial Reporting*.

#### Other matter

We have audited the consolidated statement of financial position of the Group as of December 31, 2018, and the related consolidated statement of comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year then ended in accordance with KGAAS (not presented herein), and our report dated March 12, 2019 expressed an unqualified opinion thereon. The accompanying consolidated statement of financial position as of December 31, 2018, presented for comparative purposes, is not different, in all material respects, from the above audited consolidated statement of financial position.

August 14, 2019

rnst Joung Han Joung

This review report is effective as of August 14, 2019, the independent auditor's review report date. Accordingly, certain material subsequent events or circumstances may have occurred during the period from the independent auditor's review report date to the time this review report is used. Such events and circumstances could significantly affect the accompanying interim condensed consolidated financial statements and may result in modification to this review report.

# SK Holdings Co., Ltd. and its subsidiaries

Interim condensed consolidated financial statements for the six months ended June 30, 2019 and 2018

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

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

		Korea	ın won		nto U.S. dollar te 2)
	Notes	June 30, 2019 (Unaudited)	December 31, 2018	June 30, 2019 (Unaudited)	December 31, 2018
Assets					
Current assets:					
Cash and cash equivalents	5	₩ 7,691,572	₩ 6,783,035	\$ 6,649,008	\$ 5,863,619
Short-term financial instruments	5, 32	4,204,854	4,218,107	3,634,901	3,646,358
Trade receivables, net	5, 6, 27, 32, 34	10,823,180	10,844,124	9,356,138	9,374,243
Other receivables	5, 27, 31, 34	1,913,747	1,932,335	1,654,346	1,670,414
Inventories, net	7, 32	9,148,954	8,992,740 197,717	7,908,847	7,773,807
Short-term investment securities Other current assets	5, 8, 32, 34 5, 18, 19, 34	84,291 4,265,472	3,872,992	72,866 3,687,303	170,917 3,348,022
Assets held for sale	29	293,673	287,347	253,867	248,398
Total current assets	23	38,425,743	37,128,397	33,217,276	32,095,778
Non-current assets:					
Long-term financial instruments	5, 32	7,593	12,549	6,564	10,848
Long-term trade receivables, net	5, 6, 34	16,250	11,373	14,047	9,831
Long-term other receivables	5, 31, 34	331,412	313,213	286,490	270,758
Long-term investment securities	5, 8, 32, 34	2,294,210	2,217,401	1,983,238	1,916,840
Investments in associates and joint ventures	9, 32	21,688,700	19,218,345	18,748,876	16,613,369
Property, plant and equipment, net	10, 32	41,455,188	39,715,921	35,836,089	34,332,573
Right-of-use assets, net	11	3,407,784	-	2,945,871	-
Investment property, net	12, 32	503,819	503,966	435,528	435,655
Goodwill	13	2,594,690	2,379,526	2,242,989	2,056,990
Intangible assets, net	14	13,450,477	13,811,199	11,627,314	11,939,142
Deferred tax assets		698,422	694,690	603,753	600,527
Other non-current assets	5, 18, 19, 27, 34	3,651,267	3,450,411	3,156,351	2,982,720
Total non-current assets		90,099,812	82,328,594	77,887,110	71,169,255
Total assets		₩ 128,525,555	<b>₩</b> 119,456,991	<u>\$ 111,104,386</u>	<u>\$ 103,265,033</u>
Liabilities and equity					
Liabilities					
Current liabilities:	5 45 04	111 4 040 000		¢ 0.040.540	¢ 0.004.004
Short-term borrowings	5, 15, 34	₩ 4,213,690	₩ 3,426,330	\$ 3,642,540	\$ 2,961,904
Trade payables Other payables	5, 27, 34 5, 27, 34	8,936,241 3,576,489	9,028,488 3,468,375	7,724,966 3,091,709	7,804,710 2,998,249
Provisions	16	312,108	352,225	269,803	304,482
Current portion of long-term debt	5, 15, 34	6,230,761	5,024,863	5,386,204	4,343,761
Other current liabilities	5, 18, 19	8,654,817	8,603,819	7,481,688	7,437,603
Liabilities held for sale	29	94,378	103,732	81,585	89,672
Total current liabilities	25	32,018,484	30,007,832	27,678,495	25,940,381
Non-current liabilities:	5 4E 04	24 405 475	00 000 500	06 040 050	24.074.507
Bonds payable and long-term borrowings	5, 15, 34	31,165,175	28,890,533	26,940,850	24,974,527
Long-term other payables Defined benefit liabilities	5, 34 17	1,576,659	2,011,424 420,227	1,362,949	1,738,783
Provisions	16	637,598 254,836	276,937	551,174 220,294	363,267 239,399
Deferred tax liabilities	10	5,548,903	5,491,052	4,796,770	4,746,760
Other non-current liabilities	5, 18, 19, 27, 34	3,900,561	1,471,114	3,371,853	1,271,709
Total non-current liabilities	0, 10, 10, 27, 01	43,083,732	38,561,287	37,243,890	33,334,445
Total liabilities		75,102,216	68,569,119	64,922,385	59,274,826
Equity					
Equity attributable to owners of the parent:					
Issued capital	1, 20	15,385	15,385	13,300	13,300
Other paid-in capital	20	5,012,792	4,631,955	4,333,326	4,004,110
Retained earnings	20	12,523,798	12,217,319	10,826,243	10,561,306
Other components of equity	20	48,135	(237,143)	41,610	(204,999)
Total equity attributable to owner of the parent		17,600,110	16,627,516	15,214,479	14,373,717
Non-controlling interests		35,823,229	34,260,356	30,967,522	29,616,490
Total equity		53,423,339	50,887,872	46,182,001	43,990,207
Total liabilities and equity		<del>₩</del> 128,525,555	<b>₩</b> 119,456,991	<u>\$ 111,104,386</u>	<u>\$ 103,265,033</u>

					Korear	ı wo	n		
			June 3 (unau				June 3 (unau	-	
	Notes	Th	ree months		Six months	Th	ree months	s	ix months
Sales Cost of sales	4, 27 24, 27	₩	25,147,551 22,763,499	₩	50,696,860 45,872,576	₩	24,567,865 21,757,549	₩	48,577,181 43,107,231
Gross profit			2,384,052		4,824,284		2,810,316		5,469,950
Selling and administrative expenses	21, 24, 27		1,219,219		2,374,030		1,197,303		2,313,058
Operating income	4		1,164,833		2,450,254		1,613,013		3,156,892
Finance income Finance costs Gain on investments in associates	22 22		915,574 1,325,353		2,056,592 2,772,054		887,666 1,223,429		1,430,612 1,957,062
and joint ventures, net	9		197,368		451,870		1,034,706		1,702,748
Other non-operating income Other non-operating expenses	23 23		83,288 161,958		227,540 243,571		137,919 254,531		287,727 413,983
Profit from continuing operations before income tax expense	4		873,752		2,170,631		2,195,344		4,206,934
Income tax expense from continuing operations	25		390,175		700,877		621,967		1,214,219
Profit for the period from continuing operations	4		483,577		1,469,754		1,573,377		2,992,715
Gain (loss) from discontinued operation	28		1,332		(3,388)		11,552		147,556
Profit for the period		₩	484,909	₩	1,466,366	₩	1,584,929	₩	3,140,271
Attributable to: Owners of the parent			117,402		577,803		531,361		1,192,500
Non-controlling interests			367,507		888,563		1,053,568		1,947,771
Other comprehensive income (loss): Items that will not be reclassified to profit or loss in subsequent periods (net of tax):									
Remeasurement loss on defined benefit plans Net loss on valuation of financial assets at FVOCI Items that may be reclassified to profit or loss in subsequent periods (net of tax):			(28,388) (19,822)		(81,429) (22,223)		(20,000) (10,084)		(59,132) (55,365)
Equity adjustments of investments in associates and joint ventures			30,165		154,166		159,341		226,050
Gain (loss) on valuation of derivative financial instrume	ents		11,440		16,831		1,415		(2,333)
Net gain on translation of foreign operations  Net gain (loss) on translation to the presentation currer	псу		183,509 -		366,071 -		265,595 8,114		331,486 (3,422)
			176,904		433,416		404,381		437,284
Total comprehensive income for the period Attributable to:		₩	661,813	₩	1,899,782	₩	1,989,310	₩	3,577,555
Owners of the parent Non-controlling interests			228,751 433,062		815,812 1,083,970		809,763 1,179,547		1,476,813 2,100,742
Earnings per share (Korean won and U.S. dollar): Basic earnings per share Basic earnings per share from continuing operations	26	₩	2,083 2,073	₩	10,320 10,345	₩	9,498 9,131	₩	21,331 18,538
· ·									

(Continued)

				Tran	slation into l	J.S. d	Iollar (Note 2)		
			June 30				June 30	, 20	18
			(unaud	ditec	d)		(unaud	litec	l)
	Notes	Th	ree months	8	Six months	Tł	ree months	\$	Six months
Sales Cost of sales	4, 27 24, 27	\$	21,738,893 19,677,990	\$	43,825,086 39,654,716	\$	21,237,781 18,808,393	\$	41,992,722 37,264,204
Gross profit			2,060,903		4,170,370		2,429,388		4,728,518
Selling and administrative expenses	21, 24, 27	7	1,053,958		2,052,239		1,035,013		1,999,531
Operating income	4		1,006,945		2,118,131		1,394,375		2,728,987
Finance income Finance costs Gain on investments in associates	22 22		791,471 1,145,706		1,777,828 2,396,312		767,346 1,057,598		1,236,698 1,691,789
and joint ventures, net	9		170,615		390,621		894,455		1,471,947
Other non-operating income	23		71,999		196,698		119,225		248,727
Other non-operating expenses	23		140,005		210,556		220,030		357,869
Profit from continuing operations before income tax expense	4		755,319		1,876,410		1,897,773		3,636,701
Income tax expense from continuing operations	25		337,288		605,876		537,662		1,049,638
Profit for the period from continuing operations	4		418,031		1,270,534		1,360,111		2,587,063
Gain (loss) from discontinued operation	28		1,151		(2,929)		9,986		127,556
Profit for the period Attributable to:		<u>\$</u>	419,182	<u>\$</u>	1,267,605	<u>\$</u>	1,370,097	\$	2,714,619
Owners of the parent			101,489		499,484		459,337		1,030,861
Non-controlling interests			317,693		768,121		910,760		1,683,758
Other comprehensive income (loss): Items that will not be reclassified to profit or loss in subsequent periods (net of tax):			(0.4.5.40)		(70,000)		(47.000)		(54.440)
Remeasurement loss on defined benefit plans Net loss on valuation of financial assets at FVOCI Items that may be reclassified to profit or loss in subsequent periods (net of tax):			(24,540) (17,135)		(70,392) (19,211)		(17,289) (8,717)		(51,116) (47,861)
Equity adjustments of investments in associates and joint ventures			26,076		133,270		137,743		195,410
Gain (loss) on valuation of derivative financial instrumer Net gain on translation of foreign operations Net gain (loss) on translation to the presentation curren			9,889 158,635 -		14,550 316,451		1,223 229,595 7,014		(2,017) 286,554 (2,958)
			152,925		374,668		349,569		378,012
Total comprehensive income for the period		\$	572,107	\$	1,642,273	\$	1,719,666	\$	3,092,631
Attributable to: Owners of the parent Non-controlling interests			197,745 374,362		705,232 937,041		700,003 1,019,663		1,276,636 1,815,995
Earnings per share (Korean won and U.S. dollar): Basic earnings per share	26	\$	1.80	\$	8.92	\$	8.21	\$	18.44
Basic earnings per share from continuing operations		ψ	1.79	Ψ	8.94	Ψ	7.89	Ψ	16.03

SK Holdings Co., Ltd. and its subsidiaries Interim condensed consolidated statements of changes in equity for the six months ended June 30, 2019 and 2018 (Korean won in millions)

(Korean won in millions)								Ş	'	Total equity				
		:		Other	œ	Retained	8	components	6 6	owners of the	No	Non-controlling	ı	:
	Issue	Issued capital	paid	paid-in capital	Ф	earnings		ot equity		parent		interests	으	Total equity
As of January 1, 2018	≱	15,385	≱	4,112,475	≱	9,837,619	≱	(305,397)	≱	13,660,082	≱	32,096,338	≱	45,756,420
Effect of changes in accounting policies		•		•		502,255		(40,771)		461,484		1,272,024		1,733,508
As of January 1, 2018 (Restated)	≉	15,385	₩	4,112,475	≱	10,339,874	≱	(346,168)	₩	14,121,566	≱	33,368,362	₩	47,489,928
Total comprehensive income:														
Profit for the period		•		•		1,192,500		•		1,192,500		1,947,771		3,140,271
Remeasurement loss on defined benefit plans		•		1		(28,659)		1		(28,659)		(30,473)		(59,132)
Net loss on valuation of financial instruments														
at FVOCI		•		•		1		(19,473)		(19,473)		(35,892)		(55,365)
Equity adjustments of investments in														
associates and joint ventures		•		•		•		165,168		165,168		60,882		226,050
Gain (loss) on valuation of derivative financial instrument	nent	•		1		•		989		989		(3,019)		(2,333)
Net gain on translation of foreign operations		•		•		•		172,676		172,676		158,810		331,486
Net gain (loss) on translation to the														
presentation currency		•		•		•		(6,085)		(6,085)		2,663		(3,422)
Transaction with shareholders:														
Dividends		•		•		(225,583)		•		(225,583)		(989,719)		(1,215,302)
Consolidated capital transaction		•		(34,430)		•		•		(34,430)		(703,111)		(737,541)
Changes in the scope of consolidation		•				•		•		•		(3,944)		(3,944)
Others		•		(4,857)		(1,451)		-		(6,308)		10,835		4,527
As of June 30, 2018 (Unaudited)	₩	15,385	₩	4,073,188	≱	11,276,681	≱	(33,196)	₩	15,332,058	≱	33,783,165	<del>M</del>	49,115,223
As of January 1. 2019	≱	15.385	≱	4.631.955	≱	12.217.319	≱	(237.143)	≱	16.627.516	≱	34.260.356	∄	50.887.872
Effect of changes in accounting policies	:	) ' ) ) ()	:	· ·		(5,099)	:	() ·	•	(5,099)	:	(22,114)	:	(27,213)
As of January 1, 2019 (Restated)	≱	15,385	≱	4,631,955	≱	12,212,220	≱	(237,143)	≱	16,622,417	≱	34,238,242	≱	50,860,659
Total comprehensive income:						,						,		
Profit for the period		•		•		577,803		'		577,803		888,563		1,466,366
Remeasurement loss on defined benefit plans		•		•		(47,269)		'		(47,269)		(34,160)		(81,429)
Net loss on valuation of financial instruments														
at FVOCI		•		•		•		(14,484)		(14,484)		(7,739)		(22,223)
Equity adjustments of investments in														
associates and joint ventures		•		•		•		82,837		82,837		71,329		154,166
Gain (loss) on valuation of derivative financial instrument	nent	•		1		•		(1,098)		(1,098)		17,929		16,831
Net gain on translation of foreign operations		•		•		•		218,023		218,023		148,048		366,071
Transaction with shareholders:														
Dividends		•		•		(225,583)		•		(225,583)		(1,257,050)		(1,482,633)
Consolidated capital transaction		•		381,715		(15,099)		•		366,616		1,377,694		1,744,310
Changes in the scope of consolidation		•		•		•		•		•		367,341		367,341
Others		-		(878)		21,726		-		20,848		13,032		33,880
As of June 30, 2019 (Unaudited)	≉	15,385	₩	5,012,792	≱	12,523,798	≱	48,135	≱	17,600,110	≱	35,823,229	#	53,423,339
									i					

SK Holdings Co., Ltd. and its subsidiaries Interim condensed consolidated statements of changes in equity for the six months ended June 30, 2019 and 2018 (cont'd) (U.S. dollar in thousands)

								Other	Total equity attributable to	ity e to				
	Issu	Issued capital	g	Other paid-in capital		Retained earnings	8	components of equity	owners of the parent	the	Non	Non-controlling interests	ř	Total equity
As of January 1, 2018	₩	13,300	↔	3,555,044	₩	8,504,166	₩	(264,002)	\$ 11,8	11,808,508	€9	27,745,797	₩	39,554,305
Effect of changes in accounting policies				•		434,176		(35,244)	3	398,932		1,099,605		1,498,537
As of January 1, 2018 (Restated)	↔	13,300	<del>()</del>	3,555,044	↔	8,938,342	₩	(299,246)	\$ 12,2	12,207,440	<del>69</del>	28,845,402	↔	41,052,842
I otal comprehensive income: Profit for the period		,		•		1,030,861			1,0	1,030,861		1,683,758		2,714,619
Remeasurement loss on defined benefit plans		•		•		(24,774)		•		(24,774)		(26,342)		(51,116)
Net loss on valuation of financial instruments at FVOCI		1		•		•		(16,834)		(16,834)		(31,027)		(47,861)
Equity adjustments of investments in														
associates and joint ventures	+400	•		1		•		142,780	_	142,780		52,630		195,410
Gaill (10ss) oil valdation of delivative illiaricial ilistica Net gain on translation of foreign operations								149 270	_	393 149 270		(2,010)		286 554
Net gain (loss) on translation to the		•		•		•		(5,260)	-	(5,260)		2,302		(2,958)
presentation currency														
i alisactiori with shareholders. Dividends		•		,		(195.006)		,	1)	(195.006)		(855.566)		(1.050.572)
Consolidated capital transaction		•		(29,763)		-		,		(29,763)		(607,807)		(637,570)
Changes in the scope of consolidation		•				•		•				(3,409)		(3,409)
Others		1		(4,199)		(1,254)				(5,453)		9,366		3,913
As of June 30, 2018 (Unaudited)	<del>69</del>	13,300	<del>()</del>	3,521,082	<del>()</del>	9,748,169	<del>69</del>	(28,697)	3,13,2	13,253,854	<del>69</del>	29,203,981	<del>G</del>	42,457,835
As of January 1, 2019	↔	13,300	↔	4,004,110	↔	10,561,306	<del>⇔</del>	(204,999)	\$ 14,3	14,373,717	<del>69</del>	29,616,490	₩	43,990,207
An of lowers 4 200 (Postator)	€		€	- 4004	€	(4,408)	€			(4,408)	Ę	(19,117)	€	(23,525)
As of January 1, 2019 (Restated) Total comprehensive income:	A	13,500	A	4,004,110	A	10,330,030	A	(204,999)	6,41 C,41	14,509,509	A	69,591,515	A	43,900,002
Profit for the period		•		•		499,484		•	4	499,484		768,121		1,267,605
Remeasurement loss on defined benefit plans		•		•		(40,862)		1 3	•	(40,862)		(29,530)		(70,392)
Net loss on valuation of financial instruments at FVOCI		1		•		•		(12,521)	<u> </u>	(12,521)		(6,690)		(19,211)
Equity adjustments of investments in		•		•		•		71,609		71,609		61,661		133,270
associates and joint ventures	,							(040)		6		7 7 7 7 7		4
Gain (loss) on valuation of derivative innancial instrument: Net gain on translation of foreign operations	ment							(949) 188,470	_	(949) 188,470		15,499		14,550 316,451
Transaction with shareholders:									;					Í
Dividends Consolidated canital transaction		•		- 320 075		(195,006)			, (1	(195,006)		(1,086,661)		(1,281,667)
Changes in the scope of consolidation				2,63,91		(10,002)			ס	7,0,0		317,549		317,549
Others		•		(759)		18,781				18,022		11,266		29,288
As of June 30, 2019 (Unaudited)	49	13,300	<del>ω</del>	4,333,326	€9	10,826,243	₩	41,610	15,2	15,214,479	<del>69</del>	30,967,522	<del>69</del>	46,182,001

Notes   Not					For t	he six month	ıs en	ded June 30		
Notes										
Cash flows from operating activities:   Profit for the period   W					n wor				ır (No	
Cash flows from operating activities:   Profit for the period   W   1.466,366   W   3.140,271   \$   1.267,605   \$   2.714,619   Non-cash adjustments   30   4.485,834   3.108,949   3.877,796   2.687,542   1.074,7203   1.082,857   (1.078,129)   1.078,129   1		Notes								
Profit for the period		Hotes	(Uı	naudited)	(U	naudited)	<u>(</u> L	Jnaudited)	(l	Jnaudited)
Profit for the period	Cash flows from operating activities:									
Non-cash adjustments 30 4.485,834 3,108,949 3,877,796 2,867,542 Working capital adjustments 30 (1,247,203) (1,628,567) (1,078,149) (1,078,	• •		117	1 466 366	117	3 1/0 271	Φ	1 267 605	Ф	2 71/ 610
Morking capital adjustments   30	•	30	vv		VV	, ,	Φ		Ф	
Interest paid	•									
Interest paid   (714, 021)   (596,794)   (617,238)   (515,091)   (150,001)	• . ,	30		,		,		, , ,		
Dividends received   1314_228   211,027   271,636   182,423   180,000   182,425   18				,		,		,		
Net cash provided by operating activities   3,636,885   3,413,504   3,143,919   2,950,815	·							, ,		
Net cash provided by operating activities   3,636,885   3,413,504   3,143,919   2,950,815				,		,		,		,
Cash flows from investing activities:	Not and another and deather an another and determine									
Increase (decrease) in short-term and long-term financial instruments, net Increase (decrease) in short-term and long-term loars, net Increase in short-term and long-term loars, net Increase in short-term and long-term loars, net Increase in short-term investment securities Increase in short-term investment securities 253,542 13,061 219,175 11,291 Proceeds from disposal of long-term investment securities 253,542 13,061 219,175 11,291 Proceeds from disposal of investments in associates and 12,808 9,560 11,072 8,264 Proceeds from disposal of property, plant and equipment 54,521 56,621 47,131 48,946 Proceeds from disposal of intangible assets 14,466 11,783 12,505 10,186 Proceeds from disposal of assets held for sale 9,580 - 8,281 Acquisition of investments in associates and joint ventures (2,176,489) (344,275) (233,082) (297,610) Acquisition of investments in associates and joint ventures (2,176,489) (429,728) (1,881,474) (371,480) Acquisition of investments in associates and joint ventures (2,176,489) (2,706,422) (2,755,624) (2,339,576) Acquisition of property, plant and equipment (3,187,706) (2,706,422) (2,755,624) (2,339,576) Acquisition of intangible assets (278,344) (203,484) (240,615) (175,902) Acquisition of property, plant and equipment (278,968) (18,950) (241,155) (102,827) Transfer of business (278,968) (18,950) (241,155) (102,827) Transfer of business (278,968) (18,950) (241,155) (102,827) Transfer of business (2,40,645) (2,40,645) (175,902) (18,908) (18,950) (241,155) (102,827) Transfer of business (2,40,645) (2,40	Net cash provided by operating activities			3,636,885		3,413,504		3,143,919		2,950,815
Increase (decrease) in short-term and long-term loans, net   6.381   43,767   5.516   37,835     Increase in short-term investment securities, net   109,455   1,811   94,619   1,566     Proceeds from disposal of long-term investment securities   253,542   13,061   219,175   11,291     Proceeds from disposal of investments in associates and   12,808   9,560   11,072   8,264     Proceeds from disposal of property, plant and equipment   54,521   56,621   47,131   48,946     Proceeds from disposal of intangible assets   14,466   11,783   12,505   10,186     Proceeds from disposal of sasets held for sale   - 9,580   - 8,281     Acquisition of long-term investment securities   (269,629   3344,275   (233,082 ) (297,610 )   Acquisition of investments in associates and joint ventures   (2,176,489   429,728   (1,881,474 ) (371,480 )     Acquisition of property, plant and equipment   (3,187,706   (2,706,422   (2,755,624 ) (2,339,576 )     Acquisition of intangible assets   (278,944   (203,484   (240,615 ) (175,902 )     Net changes in cash due to changes in the scope of consolidation   (278,968   (119,950 ) (241,155 ) (102,827 )     Transfer of business   (27,763 ) (19,557 ) (24,000   (16,906 )     Net cash used in investing activities   (5,685,692   (2,108,764   (4,915,017 ) (1,822,928 )     Cash flows from financing activities   (69,548   210,707   578,793   182,146   10,003,877   (24,000 ) (16,906 )     Net cash used in investing activities   (433,777   (439,866 ) (374,980 ) (369,241 )     Decrease in bonds payable and borrowings   (2,430,369 ) (3,688,735 ) (2,100,941 ) (3,188,740 )     Decrease in other payables   (433,777 ) (438,866 ) (374,980 ) (360,244 )     Decrease in lease liabilities   (404,060 ) - (349,291 ) - (24,005 )     Payment of lease liabilities   (404,060 ) - (349,291 ) - (24,005 )     Cash inflows (outflows) from consolidated capital transaction   1,942,492   (696,528 ) (1,679,194   (602,116 )     Others, net   (404,060 ) - (349,291 ) - (349,291 )     Others, net   (404,060 ) - (349,291 ) - (349,291	Cash flows from investing activities:									
Increase in short-term investment securitues, net   109,455   1,811   94,619   1,566     Proceeds from disposal of investments in associates and piont ventures   12,808   9,560   11,072   8,264     proceeds from disposal of property, plant and equipment   54,521   56,621   47,131   48,946     Proceeds from disposal of property, plant and equipment   54,521   56,621   47,131   48,946     Proceeds from disposal of intangible assets   14,466   11,783   12,505   10,186     Proceeds from disposal of assets held for sale   - 9,580   344,275   (233,082)   (297,610)     Acquisition of long-term investments excurities   (269,629)   (344,275)   (233,082)   (297,610)     Acquisition of investments in associates and joint ventures   (2,176,489)   (429,728)   (1,881,474)   (371,480)     Acquisition of intengible assets   (278,344)   (204,615)   (175,902)     Acquisition of intangible assets   (278,344)   (204,615)   (175,902)     Net changes in cash due to changes in the scope of consolidation   (278,968)   (118,950)   (241,155)   (102,827)     Transfer of business   (27,763)   (27,763)   (29,970)   - 181,509     Others, net   (27,763)   (19,557)   (24,000)   (16,906)      Net cash used in investing activities   (5,685,692)   (2,108,764)   (4,915,017)   (1,822,928)      Cash flows from financing activities   (5,685,692)   (2,108,764)   (4,915,017)   (1,822,928)      Cash flows from financing activities   (3,40,000)   (3,688,735)   (2,100,941)   (3,188,740)     Decrease in bonds payable and borrowings   (2,430,369)   (3,688,735)   (2,100,941)   (3,188,740)     Decrease in other payables   (433,777)   (439,866)   (374,980)   (380,244)     Decrease in other payables   (444,060)   - (449,866)   (1,215,302)   (1,283,555)   (1,050,572)     Cash inflows (outflows) from consolidated capital transaction   (1,942,492)   (696,528)   (1,799,194)   (602,116)     Others, net   (3,779,194)   (430,600)   (3,74,980)   (3,880,344)   (25,239)   (3,880,444)   (2,942)   (3,942,944)   (3,942,944)   (3,942,944)   (3,942,944)   (3,942,944)   (3,	Increase (decrease) in short-term and long-term financial instr	uments, r	net	,				,		
Proceeds from disposal of long-term investments in associates and piont ventures         253,542         13,061         219,175         11,291           Proceeds from disposal of investments in associates and joint ventures         12,608         9,560         11,072         8,264           Proceeds from disposal of property, plant and equipment         54,521         56,621         47,131         48,946           Proceeds from disposal of assets held for sale         9,580         - 9,580         - 8,281           Acquisition of long-term investment securities         (269,629)         (344,275)         (233,082)         (287,610)           Acquisition of investments in associates and joint ventures         (2,176,489)         (429,728)         (1,881,474)         (371,480)           Acquisition of property, plant and equipment         (3,187,706)         (2,706,422)         (2,755,624)         (2,339,576)           Acquisition of intreagible assets         (278,344)         (203,484)         (240,615)         (175,902)           Net changes in cash due to changes in the scope of consolidation         (27,8968)         (118,950)         (241,155)         (102,827)           Transfer of business         (2,23,344)         (203,484)         (240,615)         (175,902)           Others, net         (27,763)         (19,557)         (24,0015)         (102,8	Increase (decrease) in short-term and long-term loans, net			6,381		43,767		5,516		37,835
Proceeds from disposal of investments in associates and joint ventures   54,521   56,621   47,131   48,946   Proceeds from disposal of property, plant and equipment   54,521   56,621   47,131   48,946   Proceeds from disposal of intangible assets   14,466   11,783   12,505   10,186   Proceeds from disposal of assets held for sale   - 9,580   - 8,281   Acquisition of long-term investment securities   (269,629)   (344,275)   (233,082)   (297,610)   Acquisition of investments in associates and joint ventures   (2,176,489)   (429,728)   (1,881,474)   (371,480)   Acquisition of property, plant and equipment   (3,187,706)   (2,706,422)   (2,755,624)   (2,339,576)   Acquisition of intangible assets   (278,344)   (203,484)   (240,615)   (175,902)   Acquisition of intangible assets   (278,344)   (203,484)   (240,615)   (175,902)   Acquisition of intangible assets   (278,344)   (203,484)   (240,615)   (175,902)   Acquisition of intangible assets   (278,636)   (118,950)   (241,155)   (102,827)   Acquisition of intangible assets   (277,63)   (19,557)   (24,000)   (16,906)   Acquisition of intangible assets   (277,63)   (19,557)   (24,000)   (16,906)   Acquisition of intangible assets   (27,763)   (19,557)   (24,000)   (16,906)   Acquisition of intangible assets   (24,006)   (27,763)   (27,7	Increase in short-term investment securitues, net			109,455		1,811		94,619		1,566
Proceeds from disposal of property, plant and equipment   54,521   56,621   47,131   48,946	Proceeds from disposal of long-term investment securities			253,542		13,061		219,175		11,291
Proceeds from disposal of intangible assets         14,466         11,783         12,505         10,186           Proceeds from disposal of assets held for sale         -         9,580         -         8,281           Acquisition of long-term investment securities         (269,629)         (34,275)         (230,082)         (297,610)           Acquisition of investments in associates and joint ventures         (2,176,489)         (429,728)         (1,881,474)         (371,480)           Acquisition of property, plant and equipment         (3,187,706)         (2,706,422)         (2,755,624)         (2,339,576)           Acquisition of intangible assets         (278,344)         (20,3484)         (240,615)         (175,902)           Net changes in cash due to changes in the scope of consolidation         (278,968)         (118,950)         (241,155)         (102,827)           Transfer of business         -         209,970         -         181,509           Others, net         (27,763)         (19,557)         (24,000)         (16,906)           Net cash used in investing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Increase in short-term	· ·			12,808		9,560		11,072		8,264
Proceeds from disposal of assets held for sale	Proceeds from disposal of property, plant and equipment			54,521		56,621		47,131		48,946
Acquisition of long-term investments securities         (269,629)         (344,275)         (233,082)         (297,610)           Acquisition of investments in associates and joint ventures         (2,176,489)         (429,728)         (1,881,474)         (371,480)           Acquisition of property, plant and equipment         (3,187,706)         (2,706,422)         (2,755,624)         (2,339,576)           Acquisition of intangible assets         (278,344)         (203,484)         (240,615)         (175,902)           Net changes in cash due to changes in the scope of consolidation         (278,968)         (118,950)         (241,155)         (102,827)           Transfer of business         -         209,970         -         181,509           Others, net         (27,763)         (19,557)         (24,000)         (16,906)           Net cash used in investing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)	Proceeds from disposal of intangible assets			14,466		11,783		12,505		10,186
Acquisition of investments in associates and joint ventures (2,176,489) (429,728) (1,881,474) (371,480)   Acquisition of property, plant and equipment (3,187,706) (2,706,422) (2,755,624) (2,395,761)   Acquisition of intangible assets (278,344) (203,484) (240,615) (175,902)   Net changes in cash due to changes in the scope of consolidation (278,968) (118,950) (241,155) (102,827)   Transfer of business (27,763) (19,557) (24,000) (16,906)    Net cash used in investing activities (5,685,692) (2,108,764) (4,915,017) (1,822,928)    Cash flows from financing activities:	Proceeds from disposal of assets held for sale			-		9,580		-		8,281
Acquisition of property, plant and equipment         (3,187,706)         (2,706,422)         (2,755,624)         (2,339,576)           Acquisition of intangible assets         (278,344)         (203,484)         (240,615)         (175,902)           Net changes in cash due to changes in the scope of consolidation         (278,968)         (118,950)         (241,155)         (102,827)           Transfer of business         -         209,970         -         181,509           Others, net         (27,763)         (19,557)         (24,000)         (16,906)           Net cash used in investing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         (27,763)         (19,557)         (24,000)         (16,906)           Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in other payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in other payables         (433,777)         (439,866)         (374,980)         (380,244)           Decrease in lease liabilities         (404	Acquisition of long-term investment securities			(269,629)		(344,275)		(233,082)		(297,610)
Acquisition of intangible assets         (278,344)         (203,484)         (240,615)         (175,902)           Net changes in cash due to changes in the scope of consolidation         (278,968)         (118,950)         (241,155)         (102,827)           Transfer of business         -         209,970         -         181,509           Others, net         (27,763)         (19,557)         (24,000)         (16,906)           Net cash used in investing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in bonds payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in other payables         -         32,779         -         28,336           Decrease in other payables         (433,777)         (439,866)         (374,980)         (380,244)           Decrease in lease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942	Acquisition of investments in associates and joint ventures			(2,176,489)		(429,728)		(1,881,474)		(371,480)
Net changes in cash due to changes in the scope of consolidation         (278,968)         (118,950)         (241,155)         (102,827)           Transfer of business         -         209,970         -         181,509           Others, net         (27,763)         (19,557)         (24,000)         (16,906)           Net cash used in investing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in bonds payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in other payables         -         32,779         -         28,336           Decrease in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in bease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,	Acquisition of property, plant and equipment			(3,187,706)		(2,706,422)		(2,755,624)		(2,339,576)
Transfer of business Others, net         -         209,970 (19,557)         -         181,509 (16,906)           Net cash used in investing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in bonds payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in other payables         (433,777)         (439,866)         (374,980)         (380,244)           Decrease in lease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,775)         (29,198)         (34,384)         (25,239) <t< td=""><td>Acquisition of intangible assets</td><td></td><td></td><td>(278,344)</td><td></td><td>(203,484)</td><td></td><td>(240,615)</td><td></td><td>(175,902)</td></t<>	Acquisition of intangible assets			(278,344)		(203,484)		(240,615)		(175,902)
Others, net         (27,763)         (19,557)         (24,000)         (16,906)           Net cash used in investing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in bonds payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in other payables         -         32,779         -         28,336           Decrease in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in in other payables         (433,777)         (439,866)         374,980)         (380,244)           Decrease in lease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,775)         (29,198)         (34,384)         (25,239)           Net cash provided by (used in) financing activitie	Net changes in cash due to changes in the scope of consolida	ition		(278,968)		(118,950)		(241,155)		(102,827)
Net cash used in investing activities         (5,685,692)         (2,108,764)         (4,915,017)         (1,822,928)           Cash flows from financing activities:         Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in bonds payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in other payables         -         32,779         -         28,336           Decrease in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in other payables         (433,777)         (439,866)         (374,980)         (380,244)           Decrease in lease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,775)         (29,198)         (34,384)         (25,239)           Net cash provided by (used in) financing activities         2,898,853         (802,625)         2,505,923         (693,830)           Net incr				-				-		
Cash flows from financing activities:           Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in bonds payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in other payables         -         32,779         -         28,336           Decrease in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in bonds payable and borrowings         (2430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in bonds payable and borrowings         (2430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in bonds payable and borrowings         (404,060)         -         (349,261)         -         2,898,244           Decrease in bonds payable and borrowings         (404,060)         -         (349,261)         -         -         (349,261)         -         -         (349,261)         -         -         (349,261)         -         -         (349,261)         -         -         -         (349,261)         -         -         (349,261)         -         -         -         (349,261)         -         -	Others, net			(27,763)		(19,557)		(24,000)		(16,906)
Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in bonds payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in other payables         -         32,779         -         28,336           Decrease in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in other payables         (433,777)         (439,866)         (374,980)         (380,244)           Decrease in lease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,775)         (29,198)         (34,384)         (25,239)           Net cash provided by (used in) financing activities         2,898,853         (802,625)         2,505,923         (693,830)           Net increase in cash and cash equivalents         850,046         502,115         734,825         434,057           Net foreign exchange effects         58,491         36,100	Net cash used in investing activities			(5,685,692)		(2,108,764)		(4,915,017)		(1,822,928)
Increase in short-term borrowings, net         669,548         210,707         578,793         182,146           Increase in bonds payable and borrowings         5,079,610         5,023,518         4,391,087         4,342,599           Increase in other payables         -         32,779         -         28,336           Decrease in bonds payable and borrowings         (2,430,369)         (3,688,735)         (2,100,941)         (3,188,740)           Decrease in other payables         (433,777)         (439,866)         (374,980)         (380,244)           Decrease in lease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,775)         (29,198)         (34,384)         (25,239)           Net cash provided by (used in) financing activities         2,898,853         (802,625)         2,505,923         (693,830)           Net increase in cash and cash equivalents         850,046         502,115         734,825         434,057           Net foreign exchange effects         58,491         36,100	Cash flows from financing activities:									
Increase in bonds payable and borrowings   5,079,610   5,023,518   4,391,087   4,342,599     Increase in other payables   - 32,779   - 28,336     Decrease in bonds payable and borrowings   (2,430,369)   (3,688,735)   (2,100,941)   (3,188,740)     Decrease in other payables   (433,777)   (439,866)   (374,980)   (380,244)     Decrease in lease liabilities   (404,060)   - (349,291)   -     Payment of dividends   (1,248,816)   (1,215,302)   (1,283,555)   (1,050,572)     Cash inflows (outflows) from consolidated capital transaction   1,942,492   (696,528)   1,679,194   (602,116)     Others, net   (39,775)   (29,198)   (34,384)   (25,239)     Net cash provided by (used in) financing activities   2,898,853   (802,625)   2,505,923   (693,830)     Net increase in cash and cash equivalents   850,046   502,115   734,825   434,057     Net foreign exchange effects   58,491   36,100   50,564   31,207     Cash and cash equivalents at the beginning of the year   6,783,035   7,145,842   5,863,619   6,177,249	<u> </u>			669.548		210.707		578.793		182.146
Increase in other payables	<u> </u>			,		,		,		,
Decrease in bonds payable and borrowings       (2,430,369)       (3,688,735)       (2,100,941)       (3,188,740)         Decrease in other payables       (433,777)       (439,866)       (374,980)       (380,244)         Decrease in lease liabilities       (404,060)       -       (349,291)       -         Payment of dividends       (1,484,816)       (1,215,302)       (1,283,555)       (1,050,572)         Cash inflows (outflows) from consolidated capital transaction       1,942,492       (696,528)       1,679,194       (602,116)         Others, net       (39,775)       (29,198)       (34,384)       (25,239)         Net cash provided by (used in) financing activities       2,898,853       (802,625)       2,505,923       (693,830)         Net increase in cash and cash equivalents       850,046       502,115       734,825       434,057         Net foreign exchange effects       58,491       36,100       50,564       31,207         Cash and cash equivalents at the beginning of the year       6,783,035       7,145,842       5,863,619       6,177,249	, ,			-				-		
Decrease in other payables         (433,777)         (439,866)         (374,980)         (380,244)           Decrease in lease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,775)         (29,198)         (34,384)         (25,239)           Net cash provided by (used in) financing activities         2,898,853         (802,625)         2,505,923         (693,830)           Net increase in cash and cash equivalents         850,046         502,115         734,825         434,057           Net foreign exchange effects         58,491         36,100         50,564         31,207           Cash and cash equivalents at the beginning of the year         6,783,035         7,145,842         5,863,619         6,177,249				(2.430.369)		,		(2.100.941)		,
Decrease in lease liabilities         (404,060)         -         (349,291)         -           Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,775)         (29,198)         (34,384)         (25,239)           Net cash provided by (used in) financing activities         2,898,853         (802,625)         2,505,923         (693,830)           Net increase in cash and cash equivalents         850,046         502,115         734,825         434,057           Net foreign exchange effects         58,491         36,100         50,564         31,207           Cash and cash equivalents at the beginning of the year         6,783,035         7,145,842         5,863,619         6,177,249						, , ,		. , ,		
Payment of dividends         (1,484,816)         (1,215,302)         (1,283,555)         (1,050,572)           Cash inflows (outflows) from consolidated capital transaction         1,942,492         (696,528)         1,679,194         (602,116)           Others, net         (39,775)         (29,198)         (34,384)         (25,239)           Net cash provided by (used in) financing activities         2,898,853         (802,625)         2,505,923         (693,830)           Net increase in cash and cash equivalents         850,046         502,115         734,825         434,057           Net foreign exchange effects         58,491         36,100         50,564         31,207           Cash and cash equivalents at the beginning of the year         6,783,035         7,145,842         5,863,619         6,177,249	1 ,			, ,		-		, ,		-
Cash inflows (outflows) from consolidated capital transaction Others, net       1,942,492 (39,775)       (696,528) (29,198)       1,679,194 (34,384)       (602,116) (25,239)         Net cash provided by (used in) financing activities       2,898,853 (802,625)       2,505,923 (693,830)       (693,830)         Net increase in cash and cash equivalents       850,046 502,115 734,825 434,057       734,825 434,057       434,057         Net foreign exchange effects       58,491 36,100 50,564 31,207       31,207         Cash and cash equivalents at the beginning of the year       6,783,035 7,145,842 5,863,619 6,177,249				,		(1,215,302)		, ,		(1,050,572)
Others, net         (39,775)         (29,198)         (34,384)         (25,239)           Net cash provided by (used in) financing activities         2,898,853         (802,625)         2,505,923         (693,830)           Net increase in cash and cash equivalents         850,046         502,115         734,825         434,057           Net foreign exchange effects         58,491         36,100         50,564         31,207           Cash and cash equivalents at the beginning of the year         6,783,035         7,145,842         5,863,619         6,177,249	· ·							, ,		,
Net increase in cash and cash equivalents       850,046       502,115       734,825       434,057         Net foreign exchange effects       58,491       36,100       50,564       31,207         Cash and cash equivalents at the beginning of the year       6,783,035       7,145,842       5,863,619       6,177,249	Others, net			(39,775)		,		(34,384)		, ,
Net foreign exchange effects         58,491         36,100         50,564         31,207           Cash and cash equivalents at the beginning of the year         6,783,035         7,145,842         5,863,619         6,177,249	Net cash provided by (used in) financing activities			2,898,853		(802,625)		2,505,923		(693,830)
Net foreign exchange effects         58,491         36,100         50,564         31,207           Cash and cash equivalents at the beginning of the year         6,783,035         7,145,842         5,863,619         6,177,249	Net increase in cash and cash equivalents			850.046		502.115		734.825		434.057
Cash and cash equivalents at the beginning of the year <u>6,783,035</u> <u>7,145,842</u> <u>5,863,619</u> <u>6,177,249</u>	•			•		,		,		•
										-
			₩		₩		\$		\$	

# 1. Corporate information

SK Holdings Co., Ltd. (the "Company") was established on April 13, 1991, and is 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.

Resulting from the acquisition of SK Holdings Co., Ltd. by SK C&C Co., Ltd. effective 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 June 30, 2019, the issued capital of the Company amounts to \$15,385 million (including \$113 million of preferred shares), and the major shareholders are Tae-won Chey, National Pension Service and Ki-won Choi, holding equity ownership of 18.44%, 8.28% and 7.27%, respectively.

# 2. Basis of preparation and summary of 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, 2018.

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  $\mathbb{W}1,156.80$  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 June 30, 2019. 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, 2018, except for the adoption of new standards and interpretations effective as of January 1, 2019.

# 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, 2019.

# KIFRS 1019 - Employee Benefits

The amendments to KIFRS 1019 address the accounting when a plan amendment, curtailment or settlement occurs during a reporting period. The amendments specify that when a plan amendment, curtailment or settlement occurs during the annual reporting period, an entity is required to:

- Determine current service cost for the remainder of the period after the plan amendment, curtailment or settlement, using the actuarial assumptions used to remeasure the net defined benefit liability (asset) reflecting the benefits offered under the plan and the plan assets after that event
- Determine net interest for the remainder of the period after the plan amendment, curtailment or settlement using: the net defined benefit liability (asset) reflecting the benefits offered under the plan and the plan assets after that event; and the discount rate used to remeasure that net defined benefit liability (asset).

The amendments also clarify that an entity first determines any past service cost, or a gain or loss on settlement, without considering the effect of the asset ceiling. This amount is recognised in profit or loss. An entity then determines the effect of the asset ceiling after the plan amendment, curtailment or settlement. Any change in that effect, excluding amounts included in the net interest, is recognised in other comprehensive income. The application of KIFRS 1019 has not had a significant impact on the Company's financial position or management performance.

#### KIFRS 1028 - Investments in Associates and Joint Ventures

The amendments clarify that an entity applies KIFRS 1109 to long-term interests in an associate or joint venture to which the equity method is not applied but that, in substance, form part of the net investment in the associate or joint venture (long-term interests). This clarification is relevant because it implies that the expected credit loss model in KIFRS 1109 applies to such long-term interests. The amendments also clarified that, in applying KIFRS 1109, an entity does not take account of any losses of the associate or joint venture, or any impairment losses on the net investment, recognised as adjustments to the net investment in the associate or joint venture that arise from applying KIFRS 1028 Investments in Associates and Joint Ventures. The application of KIFRS 1028 has not had a significant impact on the Company's financial position or management performance.

# KIFRS 1109 - Financial Instruments

Some pre-payable financial assets that involve negative (-) rewards have been amended to allow them to be measured at amortized cost and the effect of the modification should be recognised in FVPTL, if terms of the financial liability measured at amortized cost has been changed but not removed. The application of KIFRS 1109 has not had a significant impact on the Company's financial position or management performance.

# KIFRS 1116 - Leases

KIFRS 1116 Leases replaces KIFRS 1017 Leases, KIFRS 2104 Determining whether an Arrangement contains a Lease, KIFRS 2015 Operating Leases-Incentives and KIFRS 2027 Evaluating the Substance of Transactions Involving the Legal Form of a Lease. The standard sets out the principles for the recognition, measurement, presentation and disclosure of leases and requires lessees to account for most leases under a single on-balance sheet model.

Lessor accounting under KIFRS 1116 is substantially unchanged from KIFRS 1017. Lessors will continue to classify leases as either operating or finance leases using similar principles as in KIFRS 1017. Therefore, KIFRS 1116 did not have an impact for leases where the Company is the lessor.

In relation to sale and leaseback transactions, a seller-lessee shall apply the requirements for determining when a performance obligation is satisfied in KIFRS 1115 to determine whether the transfer of an asset is accounted for as a sale of that asset. However, the Company shall not reassess sale and leaseback transactions entered into before the date of initial application.

The Company has applied KIFRS 1116 initially on January 1, 2019 by using the modified retrospective approach. Therefore, the cumulative effect of adopting KIFRS 1116 has recognized as an adjustment to the opening balance of retained earnings as of January 1, 2019 with no restatement of comparative information.

The Company elected to use the transition practical expedient allowing the standard to be applied only to contracts that were previously identified as leases applying KIFRS 1017 and KIFRS 2104 at the date of initial application. The Company also elected to use the recognition exemptions for lease contracts that, at the commencement date, have a lease term of 12 months or less and do not contain a purchase option ('short-term leases'), and lease contracts for which the underlying asset is of low value ('low-value assets')

The impacts on the separate financial statements from the initial adoption of KIFRS 1116 as of January 1, 2019 are as follows (Korean won in millions):

	Adju	stment
Assets:		
Lease receivables	₩	31,211
Right-of-use assets		67,785
Investment property		666
Long-term lease receivables		39,914
-	₩	139,576
Liabilities:		
Lease liabilities	f W	58,645
Provisions		1,882
Long-term lease liabilities		73,803
-	$\Psi$	134,330
Equity:		
Retained Earnings	₩	5,246

# Effects of initial application of IFRS 1116

The Company has lease contracts for various items of land and buildings, tanks, vehicles and so forth. Before the adoption of KIFRS 1116, the Company classified each of its leases (as lessee) at the inception date as either a finance lease or an operating lease. A lease was classified as a finance lease if it transferred substantially all of the risks and rewards incidental to ownership of the leased asset to the Company; otherwise it was classified as an operating lease.

Finance leases were capitalized at the commencement of the lease at the inception date fair value of the leased property or, if lower, at the present value of the minimum lease payments. Lease payments were apportioned between finance costs and reduction of the lease liability.

In an operating lease, the leased property was not capitalized and the lease payments were recognized as an expense in profit or loss on a straight-line basis over the lease term. Any prepaid rent and accrued rent were recognized under advanced payments and other payables, respectively. Upon adoption of KIFRS 1116, the Company applied a single recognition and measurement approach for all leases, except for short-term leases and leases of low-value assets. The standard provides specific transition requirements and practical expedients, which has been applied by the Company.

#### a. Leases previously classified as finance leases

The Company did not change the initial carrying amounts of recognized assets and liabilities at the date of initial application for leases previously classified as finance leases (i.e., the right-of-use assets and lease liabilities equal the lease assets and liabilities recognized under KIFRS 1017). The requirements of KIFRS 1116 was applied to these leases from January 1, 2019.

# b. Leases previously accounted for as operating leases

The Company recognized right-of-use assets and lease liabilities for those leases previously classified as operating leases, except for short-term leases and leases of low-value assets. The right-of-use assets for most leases were recognized based on the amount equal to the lease liabilities. Lease liabilities were recognized based on the present value of the remaining lease payments, discounted using the incremental borrowing rate at the date of initial application.

The Company applied the available practical expedients wherein it:

- Used a single discount rate to a portfolio of leases with reasonably similar characteristics
- Relied on its assessment of whether leases are onerous immediately before the date of initial application
- Applied the short-term leases exemptions to leases with lease term that ends within 12 months at the date of initial application
- Excluded the initial direct costs from the measurement of the right-of-use asset at the date of initial application
- Used hindsight in determining the lease term where the contract contains options to extend or terminate the lease

Meanwhile, as of January 1, 2019, the lease liability of  $\mbox{$\mathbb{W}$}132,448$  million is discounted amount of  $\mbox{$\mathbb{W}$}136,086$  million excluding short-term and small asset leases, as of December 31, 2018 by incremental borrowing rate. There are no further identified lease agreements and financial lease liabilities recognized at the prior period.

# ② Summary of new accounting policies

Set out below are the new accounting policies of the Company upon adoption of KIFRS 1116, which have been applied from the date of initial application:

# a. Right-of-use assets

The Company recognizes right-of-use assets at the commencement date of the lease (i.e., the date the underlying asset is available for use). Right-of-use assets are measured at cost, less any accumulated depreciation and impairment losses, and adjusted for any re-measurement of lease liabilities. The cost of right-of-use assets includes the amount of lease liabilities recognized, initial direct costs incurred, and lease payments made at or before the commencement date less any lease incentives received. Unless the Company is reasonably certain to obtain ownership of the leased asset at the end of the lease term, the recognized right-of-use assets are depreciated on a straight-line basis over the shorter of its estimated useful life and the lease term. Right-of- use assets are subject to impairment.

#### b. Lease liabilities

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

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

# c. Short-term leases and leases of low-value assets

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

# d. Significant judgment in determining the lease term of contracts with renewal options

The Company determines the lease term as the non-cancellable term of the lease, together with any periods covered by an option to extend the lease if it is reasonably certain to be exercised, or any periods covered by an option to terminate the lease, if it is reasonably certain not to be exercised. The Company applies judgment in evaluating whether it is reasonably certain to exercise the option to renew. That is, it considers all relevant factors that create an economic incentive for it to exercise the renewal. After the commencement date, the Company reassesses the lease term if there is a significant event or change in circumstances that is within its control and affects its ability to exercise (or not to exercise) the option to renew (e.g., a change in business strategy).

# KIFRS 2123 - Uncertainty over Income Tax Treatment

The Interpretation addresses the accounting for income taxes when tax treatments involve uncertainty that affects the application of KIFRS 1012 and does not apply to taxes or levies outside the scope of KIFRS 1012, nor does it specifically include requirements relating to interest and penalties associated with uncertain tax treatments. The Interpretation specifically addresses the following:

- Whether an entity considers uncertain tax treatments separately
- > The assumptions an entity makes about the examination of tax treatments by taxation authorities
- How an entity determines taxable profit (tax loss), tax bases, unused tax losses, unused tax credits and tax rates
- How an entity considers changes in facts and circumstances

The Company has to determine whether to consider each uncertain tax treatment separately or together with one or more other uncertain tax treatments. The approach that better predicts the resolution of the uncertainty should be followed. The amendment has not had a 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 six months ended June 30, 2019, are consistent with those followed in the preparation of the separate financial statements for the year ended December 31, 2018.

#### 4. Financial instruments

# 4.1 Financial assets

Details of financial assets as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

				June 30, 2	019		
	Fin	ancial assets	Fi	nancial assets	Financial assets		
		at FVTPL		at FVOCI	at amortized cost		Total
Current assets:							
Cash and cash equivalents	₩	41,698	₩	-	₩ 18,982	₩	60,680
Short-term financial instruments		152,364		-	45,220	)	197,584
Trade receivables (*1)		-		-	341,777	•	341,777
Other receivables		-		-	1,365	;	1,365
Accrued income		-		-	182		182
Guarantee deposits		-		-	112		112
Lease receivable		-		-	31,529	)	31,529
Derivative financial assets		406					406
		194,468			439,167	·	633,635
Non-current assets:							
Long-term financial instruments		-		-	19	)	19
Long-term investment securities		268,722		232,216	413	,	501,351
Long-term loans		-		-	397	•	397
Guarantee deposits		-		-	21,482		21,482
Long-term lease receivables		-		-	24,070	)	24,070
Derivative financial assets		175,993					175,993
		444,71 <u>5</u>		232,216	46,381		723,312
	₩	639,183	₩	232,216	₩ 485,548	₩	1,356,947

(\*1) Contract assets (unbilled receivables) amounting to ₩171,507million as of June 30, 2019 are not included in the financial instruments.

		December 3 <sup>r</sup>	1, 2018	
	Financial assets at FVTPL	Financial assets at FVOCI	Financial assets at amortized cost	Total
Current assets:				
Cash and cash equivalents	₩ 73,49	1 ₩ -	₩ 50,367	₩ 123,858
Short-term financial instruments	96,27	1 -	32,220	128,491
Trade receivables (*1)		-	354,128	354,128
Other receivables			1,858	1,858
Accrued income			118	118
Guarantee deposits			112	112
Derivative financial assets		4		34
	169,79	<u>6</u>	438,803	608,599
Non-current assets:				
Long-term financial instruments		-	19	19
Long-term investment securities	162,47	5 232,216	394	395,085
Long-term loans		-	397	397
Long-term guarantee deposits		-	21,074	21,074
Derivative financial assets	175,99	3		175,993
	338,46	8 232,216	21,884	<u>592,568</u>
	₩ 508,26	<u>4</u> <u>₩ 232,216</u>	₩ 460,687	₩ 1,201,167

(\*1) Contract assets (unbilled receivables) amounting to ₩138,098 million as of December 31, 2018 are not included in the financial instruments.

#### 4.2 Financial liabilities

Details of financial liabilities as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2019	
	Financial liabilities at		_
	FVTPL	Other financial liabilities	Total
Current liabilities:			
Short-term borrowings	₩ -	₩ 670,000	₩ 670,000
Trade payables	-	87,256	87,256
Other payables	-	80,678	80,678
Accrued expenses	-	48,324	48,324
Current portion of long-term debt	-	1,061,457	1,061,457
Leasehold deposits received	-	615	615
Lease liabilities	-	57,647	57,647
Derivative financial liabilities	305	<u> </u>	305
	305	2,005,977	2,006,282
Non-current liabilities:			
Bonds payable	-	5,238,941	5,238,941
Leasehold deposits received	-	5,578	5,578
Long-term lease liabilities	-	46,978	46,978
Derivative financial liabilities	240,171	<u> </u>	240,171
	240,171	5,291,497	5,531,668
	<u>₩ 240,476</u>	₩ 7,297,474	₩ 7,537,950
	Financial liabilities at	December 31, 2018	
	FVTPL	Other financial liabilities	Total
Current liabilities:		Otrior infariour liabilities	Total
Short-term borrowings	₩ -	₩ 910,000	₩ 910,000
Trade payables	-	116,507	116,507
Other payables	-	98,969	98,969
Accrued expenses	-	67,400	67,400
Current portion of	-	1,083,112	1,083,112
long-term debt		, ,	, ,
Derivative financial liabilities	146		146
	146	2,275,988	2,276,134
Non-current liabilities:			
Bonds payable	-	5,134,589	5,134,589
Leasehold deposits received	-	6,210	6,210
Derivative financial liabilities	240,169		240,169
	240,169	5,140,799	5,380,968
	<u>₩ 240,315</u>	<u>₩ 7,416,787</u>	₩ 7,657,102

# 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.

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

Details of fair value of financial instruments by hierarchy level as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

				June	<b>3</b> 0,	2019		
		Level 1		Level 2		Level 3		Total
Financial assets:								
Financial assets at FVTPL	₩	194,062	₩	-	₩	268,722	₩	462,784
Financial assets at FVOCI		-		-		232,216		232,216
Derivative financial assets	-			406		175,993		176,399
	<u>₩</u>	194,062	₩	406	₩	676,931	₩	871,399
Financial liabilities:								
Derivative financial liabilities	₩	-	₩	309	₩	240,167	₩	240,476
				Decem	ber 3	31, 2018		
	<u> </u>	Level 1		Decem Level 2	ber 3	31, 2018 Level 3		Total
Financial assets:	_	Level 1			ber 3			Total
Financial assets: Financial assets at FVTPL	<del></del>	Level 1 169,762	₩		ber 3 ₩		₩	Total 332,237
	₩		₩	Level 2	_	Level 3	₩	
Financial assets at FVTPL	W		₩	Level 2	_	Level 3 162,475	₩	332,237
Financial assets at FVTPL Financial assets at FVOCI	₩		₩	Level 2	_	Level 3 162,475 232,216	₩	332,237 232,216
Financial assets at FVTPL Financial assets at FVOCI		169,762 - -		Level 2 34	₩	Level 3 162,475 232,216 175,993		332,237 232,216 176,027

Changes in Level 3 financial assets for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		For the six months ended June 30, 2019								
		Beginning						Ending		
		Balance		Acquisition		Valuation		balance		
Financial assets at FVTPL	₩	162,475	₩	105,489	₩	758	₩	268,722		
Financial assets at FVOCI		232,216		-		-		232,216		
Derivative financial assets		175,993		_		<u>-</u>		175,993		
	₩	570,684	₩	105,489	₩	758	₩	676,931		

	For the six months ended June 30, 2018									
		jinning lance	Change of accounting policies	Ad	cquisition		Disposal	Valuation		Ending balance
Financial assets at FVTPL	₩	_ :	₩ 63,094	₩	82,707	₩	(500)₩	551	₩	145,852
Financial assets at FVOCI		-	2,374		5,336		-	-		7,710
Financial assets recognized at FVTPL Available-for-sale		3,015	(3,015	)	-		-	-		-
financial assets		15,072	(15,072	)			<u> </u>			
	₩	18,087	₩ 47,381	₩	88,043	₩	(500)	<del>551</del>	₩	153,562

# 5. Trade receivables

Details of trade receivables as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

	J	une 30, 2019	Decen	nber 31, 2018
Trade receivables:				
Trade receivables	₩	342,146	₩	354,652
Contract assets (unbilled receivable)		171,507		138,098
		513,653		492,750
Allowance for doubtful accounts:				
Trade receivables		(369)		(524)
	₩	513,284	₩	492,226

# 6. Inventories

Details of inventories as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2019					December 31, 2018						
		Valuation					Valuation						
		Cost	allowance	Book	<u>value</u>		Cost	allowa	ance	Book	<u>value</u>		
Raw material	₩	224	₩ -	₩	224	₩	172	₩	-	₩	172		

# 7. Long-term investment securities

(1) Details of long-term investment securities as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30	, 20	19		December	2018		
		Cost		Book value		Cost	Book value		
Financial assets at FVTPL:									
Equity instruments	₩	90,790	₩	-	₩	91,439	₩	-	
Debt securities (*1)		200,711		214,897		96,360		109,831	
Money invested and others		59,021		53,825		57,883		52,644	
Financial assets at FVOCI:									
Equity instruments (*2)		234,892		232,216		234,892		232,216	
Financial assets at									
amortized cost:									
Debt securities		394		413		394		394	
	₩	585,808	₩	501,351	₩	480,968	₩	395,085	

- (\*1) Represents convertible redeemable preference shares of GRAB Holdings Inc., convertible bonds of Socar, Inc. and Kinestral Technologies Inc..
- (\*2) The Company applied the irrevocable option to designate the equity instruments held for strategic investment, not for held-for-trading purpose, as items measured at FVOCI.
- (2) Details of Long-term investment securities as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

	June 3	0, 2019	December 31, 2018				
	Acquisition cost	Book value	Acquisition cost	Book value			
Non-marketable equity instruments	₩ 325,68	2 ₩ 232,216	₩ 326,331	₩ 232,216			
Debt securities	201,10	5 215,310	96,754	110,225			
Money invested and others	59,02	53,825	57,883	52,644			
	₩ 585,80	<u>₩ 501,351</u>	₩ 480,968	₩ 395,085			

(3) Changes in long-term investment securities and available-for-sale financial assets for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

	For the six months ended							
	Jun	e 30, 2019		June 30, 2018				
Beginning balance	₩	395,085	₩	78,984				
Effect of changes in the accounting policies		-		(13,993)				
Acquisitions		105,489		88,043				
Gain on valuation and interest income		777		551				
Disposal	-	<u>-</u>		(500)				
Ending balance	₩	501,351	₩	153,085				

#### 8. Investments in subsidiaries

(1) Details of investments in subsidiaries as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

()				June 30, 2019		December 31, 2018
		•	Equity			
		Principal	ownership	Acquisition		
	Domicile	Business activity	(*1)	cost	Book value	Book value
SK Innovation Co., Ltd. (*2)	Korea	Resource development	33.40%	₩ 3,072,937 ₩	₹ 3,072,937	₩ 3,072,937
SK Telecom Co., Ltd. (*2)	Korea	Mobile	26.78%	5,416,019	5,416,019	5,416,019
• • •		Tele-communication				
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
SK E&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%	545,300	545,300	545,300
SK Siltron Co., Ltd.	Korea	Manufacturing and sales of silicon thin sheet	51.00%	622,606	622,606	622,606
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 Biotek Co., Ltd.	Korea	Life science	100.00%	336,318	336,318	336,318
SK Forest Co., Ltd.	Korea	Landscape construction	100.00%	61,387	61,387	61,387
Plutus Capital NY, Inc. (*3)	USA	Investment	100.00%	564,258	564,258	388,527
SK China Company, Ltd. (*4)	Hong Kong	Consulting	27.42%	557,117	557,117	557,117
		and investment				
Alchemy Acquisition Corp.	USA	Investment	100.00%	526,631	526,631	526,631
Golden Pearl EV Solutions Limited (*3)	Hong Kong	Investment	100.00%	281,360	281,360	657
SK South East Asia Investment Pte. Ltd. (*3,4)	Singapore	Investment	20.00%	224,350	224,350	110,880
Plutus Fashion NY, Inc.	USA	Fashion	100.00%	74,113	74,113	74,113
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 Islands	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. (*4)	Singapore	Consulting	20.00%	6,018	2,601	2,601
SK MENA Investment B.V. (*4)	Netherlands	Investment	11.54%	5,178	5,178	5,178
SK Latin Americas Investment S.A. (*4)	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 (*4)	Cayman Islands	Research and development	2.12%	1,876	1,876	1,876
SK Computer and Communication LLC (*5)	UAE	Computer system	49.00%	380	380	380
S&G Technology	Saudi Arabia	Computer system	51.00%	74	74	74
Saturn Agriculture Investment Co., Ltd.	Hong Kong	Investment	100.00%	12	12	5
				<u>₩17,181,483</u> ₩	<u>† 17,175,006</u>	₩ 16,605,095

- (\*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) During the current period, the Company invested additional \$\pmu 280,703\$, \$\pmu 175,731\$ and \$\pmu 113,470\$ million in Golden Pearl EV Solutions Limited, Plutus Capital NY, Inc. and SK South East Asia Investment Pte. Ltd., respectively.
- (\*4) Classified as investments in subsidiaries as control can be exercised using indirect equity ownership through the Company's subsidiaries.
- (\*5) As the Company acquired voting rights of shares (51%), it classified SK Computer and Communication LLC as the Company's subsidiaries.
- (2) Fair value of marketable investments in subsidiaries as of June 30, 2019 is as follows (Korean won in millions):

	Jun	<u>9 30, 2019</u>
SK Innovation Co., Ltd.	₩	4,910,522
SK Telecom Co., Ltd.		5,600,647
SK Networks Co., Ltd.		491,543
SKC Co., Ltd.		609,444
SK Materials Co., Ltd.		766,941

# 9. Investments in associates and joint ventures

Details of investments in associates and joint ventures as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

,		,		Jı	une 30, 20	19		De	cember 31, 2018
		Principal business	Equity		quisition		Book		Book
	Domicile	activity	ownership	_	cost		value		value
Investments in associates:		-	•				<u>.</u>		
Socar. Inc.(*1)	Korea	Rental of cars	22.21%	₩	91,800	₩	91,800	₩	91,800
SMCore Inc.	Korea	Manufacturing and							
		sales of automated							
		logistics system	26.60%		39,419		39,419		39,419
Begas Co., Ltd. (*1, 2)	Korea	Management consulting	17.86%		5,000		5,000		5,000
THIRA-UTECH Co., Ltd. (*2)	Korea	Service manufacturing	17.54%		4,200		4,200		4,200
ACRYL Inc. (*1, 2)	Korea	Information service	17.14%		2,500		2,500		2,500
Daehan Kanggun	Korea	Wired communication	0.67%		58		-		58
BcN Co., Ltd. (*3, 4)									
ESR Cayman Limited (*2)	Cayman	Investment	12.52%		493,627		493,627		493,627
	Island								
Turo Inc. (*1, 2)	USA	Rental of cars	5.16%		39,728		39,728		39,728
9352-7281 Quebec Inc.	Canada	Investment	40.09%		31,558		31,558		31,558
SES Holdings Pte. Ltd. (*2, 5, 6)	Singapore	Investment	12.80%		28,791		28,791		-
Solid Energy Systems Corp. (*5)	USA	New material	-		-		-		28,791
		related to battery							
FSK Holdings Co., Ltd.	Hong Kong		30.00%		11,937		11,937		11,937
Kinestral Technologies Inc.	USA	Manufacturing	4.66%		8,498		8,498		-
(*2, 6)		discolored glass							
Mozido Corfire, Inc. (*2)	USA	System consulting	19.94%		6,767		-		-
Visible Patient S.A.S(*2,6)	France	Manufacturing	13.51%						
		related to medicine			2,929		2,929		
					766,812		759,987		748,618
Investments in joint ventures:									
Hana Land Chip PEF 33 (*3)	Korea	Real estate	13.51%	₩	40,000	₩	40,000	₩	40,000
Socar Mobility Malaysia, SDN									
BHD.	Malaysia	Rental of cars	60.00%		14,189		14,189		14,189
					54,189		54,189		54,189
				₩	821,001	₩	814,176	₩	802,807

- (\*1) It is the equity share that takes preferred stock with voting rights into consideration.
- (\*2) As the Company is able to exercise significant influence over the entity although its ownership interests is less than 20%, the investment in the entity was classified as investments in associates.
- (\*3) 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.
- (\*4) The impairment loss was recognized for all stock value during the current period.
- (\*5) The Company acquired shares of SES Holdings Pte. Ltd. through a comprehensive share exchange with shares of Solid Energy Systems Corp. (a subsidiary of SES Holdings Pte)
- (\*6) During the current period, the Company newly acquired the investee.

# 10. Property, plant and equipment

(1) Details of property, plant and equipment as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

			December 31, 2018								
		Acquisition	Accumulated				Acquisition		cumulated		
		cost	depreciation		Book value		cost	de	depreciation		Book value
Land	₩	80,909	₩ -	₩	80,909	₩	84,251	₩	-	₩	84,251
Buildings		317,619	(50,333)		267,286		323,400		(47,757)		275,643
Structures		9,348	(935)		8,413		8,780		(749)		8,031
Vehicles		7,759	(2,643)		5,116		7,504		(2,479)		5,025
Furniture and fixtures		327,410	(233,709)		93,701		325,244		(221,061)		104,183
Construction-in-progress		18,240			18,240		17,670		<u> </u>		17,670
	₩	761,285	₩ (287,620)	₩	473,665	₩	766,849	₩	(272,046)	₩	494,803

(2) Details of changes in property, plant and equipment for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		For the six months ended June 30, 2019									
	E	Beginning						Ending			
		balance	Acquisition	Depreciation	Disposal	Trai	nsfer(*1)	balance			
Land	₩	84,251	₩ -	₩ -	₩	- ₩	(3,342) ₩	80,909			
Buildings		275,643	-	(4,450)		-	(3,907)	267,286			
Structures		8,031	-	(186)		-	568	8,413			
Vehicles		5,025	255	(164)		-	-	5,116			
Furniture and fixtures		104,183	6,453	(16,925)	(	(10)	-	93,701			
Construction-in-progress		17,670	8,105		-		(7,535)	18,240			
	₩	494,803	₩ 14,813	₩ (21,725)	₩	<u>(10</u> ) ₩	<u>(14,216</u> ) <u>₩</u>	473,665			

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

		For the six months ended June 30, 2018											
	Beginning balance	Acquisition	Depreciation	Disposal	Transfer	Ending balance							
Land	₩ 169,505	₩ -	₩ -	₩ - ₩	- ₩	169,505							
Buildings	368,741	-	(7,582)	=	=	361,159							
Structures	7,357	-	(151)	-	-	7,206							
Vehicles	5,384	-	(189)	-	=	5,195							
Furniture and fixtures	107,884	12,857	(16,664)	(151)	26	103,952							
Construction-in-progress	12,787	16,022		<u>-</u>	(26)	28,783							
	₩ 671,658	₩ 28,879	₩ (24,586)	₩ (151) ₩	<u>+ - <del>W</del></u>	675,800							

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

(1) Details of right-of-use assets as of June 30, 2019 are as follows (Korean won in millions):

	Acqu	isition cost		Accumulated depreciation		Book value
Land and buildings	₩	57,051	₩	(6,880)	₩	50,171
Vehicles		4,383		(806)		3,577
Machinery		183		(30)		153
Furniture and fixtures		333		(28)		305
	W	61,950	₩	(7,744)	₩	54,206

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

(2) Changes in right-of-use assets for the six months ended June 30, 2019 are as follows (Korean won in millions):

		For the six months ended June 30, 2019									
	Beginning balance		Change of ccounting policies	Increase Depreciation Others (*1)						Ending balance	
Land and buildings	₩	- ₩	64,375	₩	3,357	₩	(14,050)	₩ (3,511)	₩	50,171	
Vehicles		-	2,802		1,819		(828)	(216)		3,577	
Machinery		-	183		-		(30)	-		153	
Furniture and fixtures			425		51		(92)	(79)		305	
	₩ .	- ₩	67,785	₩	5,227	₩	(15,000)	₩ (3,806)	₩	54,206	

- (\*1) The amounts include adjustments of the right-to-use assets according to the remeasurement of the lease liabilities
- (3) Changes in lease liabilities for the six months ended June 30, 2019 are as follows (Korean won in millions):

		For the six months ended June 30, 2019								
		Change of								
	Beginning	accounting		Interest	Decrease		Ending			
	Balance	policies	Increase	expenses	(payment)	Others (*1)	balance			
Lease liabilities	₩ -	₩ 132,448	₩ 5,227 ₩	1,221	₩ (29,736)	₩ (4,535) ₩	104,625			

(\*1) The amounts include the details of the re-measurement of the lease liabilities for lease changes in existing leases

The Company recognized lease payments of  $\mathbb{W}2,309$  million in relation to short-term lease and  $\mathbb{W}804$  million in relation to small asset lease during this period.

# 12. Investment property

(1) Details of investment properties as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2	2019			December 31, 2	2018
	Acquisiti	on Accumulate	ed		Acquisition	Accumulated	
	cost	depreciation	on Book	value	cost	depreciation	Book value
Land	₩ 3	,342 ₩	- ₩	3,342 ₩	₩ -	₩ -	₩ -
Buildings	21	,350 (2.	,120)	19,230	9,810	(1,457)	8,353
	₩ 24	.692 ₩ (2	<u>,120</u> ) <del>W</del>	22,572	<del>∀</del> 9,810	₩ (1,457)	₩ 8,353

(2) Changes in investment properties for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

				For the six	<u>x month</u>	<u>ıs ended Jur</u>	<u>ne 30</u>	<u>, 2019</u>		
	Be	ginning	Acc	ount policy						Ending
	ba	alance	cha	anges (*1)	Dep	reciation	Tra	ansfer (*2)		balance
Land	₩	-	₩	-	₩	-	₩	3,342	₩	3,342
Buildings		8,353		666		(663)		10,874		19,230
	₩	8,353	₩	666	₩	(663)	₩	14,216	₩	22,572

- (\*1) Consist of replacements from right-of-use asset that meets the definition of investment property according to the first application of KIFRS 1116
- (\*2) This includes replacements from Property, plant and equipment to investment property

# 12. Investment property (cont'd)

		For the six months ended June 30, 2018										
	Be	ginning					Ending					
	b	alance	A	cquisition	Depi	reciation	balance					
Land	₩	31,395	₩	-	₩	- ₩	31,395					
Buildings		8,779		<u> </u>		(213)	8,566					
	₩	40,174	₩		₩	<u>(213</u> ) ₩	39,961					

# 13. Intangible assets

(1) Details of intangible assets as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30	, 2019		December 31, 2018					
	Acquisition	Accumulated	Accumulated		Acquisition	Accumulated	Accumulated			
	cost	amortization	nortization impairment Book		cost	amortization	impairment	Book value		
Development costs	₩ 134,122	₩ (66,786)	₩ (5,086)	₩ 62,250	₩ 122,214	₩ (59,135)	₩ (5,086) ₩	57,993		
Memberships	55,720	-	(13,648)	42,072	54,191	-	(13,648)	40,543		
Brand-related assets	1,975,000	-	-	1,975,000	1,975,000	-	-	1,975,000		
Others	38,950	(6,925)		32,025	37,086	(4,924)		32,162		
	₩ 2,203,792	₩ (73,711)	₩ (18,734)	₩2,111,347	₩2,188,491	₩ (64,059)	₩ (18,734) ₩	2,105,698		

(2) Changes in intangible assets for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		For the six months ended June 30, 2019										
	В	Beginning								Е	nding	
	B	Balance	Ac	quisition	[	<u>Depreciation</u>	Dis	oosal	Tr	ansfer	balance	
Development costs	₩	57,993	₩	12,493	₩	(7,651)	₩	-	₩	(585)	₩	62,250
Memberships (*1)		40,543		1,550		-		(21)		-		42,072
Brand-related assets (*1)		1,975,000		-		-		-		-	1	,975,000
Others		32,162		1,864		(2,001)						32,025
	₩	2,105,698	₩	15,097	₩	(9,652)	₩	(21)	₩	(585)	₩2	,111,347

		For the six months ended June 30, 2018										
		Beginning								Ending		
		balance		Acquisition Depreciation				Disposal		balance		
Development costs	₩	48,397	₩	13,202	₩	(6,034)	₩	(2,939)	₩	52,626		
Memberships (*1)		38,790		4,198		-		(2,061)		40,927		
Brand-related assets (*1)		1,975,000		-		-		-		1,975,000		
Others		28,112		6,238		(1,470)		(192)		32,688		
	₩	2,090,299	₩	23,638	₩	(7,504)	₩	(5,192)	₩	2,101,241		

(\*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 June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

Description	Financial institution	Interest rate (%)		June 30, 2019	December 31, 2018
Working capital loan	Shinhan Bank	2.50	₩	120,000	₩ 200,000
Working capital loan	NH Bank	2.97		50,000	-
Working capital loan	Woori Bank	=		-	150,000
Working capital loan	Industrial & Commercial	-		-	60,000
	Bank of China				
Commercial paper	KB Securities	1.88		100,000	200,000
Commercial paper	NH Investment	1.86		100,000	100,000
	& Securities				
Commercial paper	SK Securities	1.86		100,000	-
Commercial paper	Korea Investment				
	& Securities	1.87, 1.88		200,000	200,000
			₩	670.000	₩ 910.000

# (2) Bonds payable

Details of bonds payable as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

Issuance number	Interest rate (%)	Maturity	Security	June 30, 2019	December 31, 2018
257-2nd	3.36	2019-08-27	Unsecured		00 \(\pi\) 100,000
257-211d 258-2nd	3.35	2019-06-27	Unsecured	100,0	
258-211d 259-2nd	3.35 3.34	2020-06-03	Unsecured		
	3.84	2020-06-03		100,0 100,0	
260-2nd 261-2nd	3.84 3.97	2020-09-06	Unsecured Unsecured	100,0	
261-2110 262-1st		2020-12-03	Unsecured	100,0	- 150,000
262-18t 262-2nd	- 3.68	2019-02-12	Unsecured	100.0	
262-2110 263-1st	3.00	2021-02-12	Unsecured	100,0	00 100,000 - 150,000
263-18t	3.36	2019-05-30	Unsecured	100.0	
263-2110 264-1st		2021-05-30		/ -	
	3.04		Unsecured	80,0	
264-2nd	3.25	2021-08-05	Unsecured	170,0	
265-2nd	2.45	2019-12-02	Unsecured	100,0	
265-3rd	2.66	2021-12-02	Unsecured	100,0	
266-1st	2.26	2020-02-06	Unsecured	150,0	
266-2nd	2.39	2022-02-06	Unsecured	100,0	
269-2nd	-	2019-06-14	Unsecured	50.0	- 150,000
270-2nd	3.39	2019-11-02	Unsecured	50,0	
270-3rd	3.80	2022-11-02	Unsecured	50,0	
271-2nd	3.34	2020-02-27	Unsecured	100,0	
272-3rd	3.92	2020-08-30	Unsecured	60,0	
273-1st	-	2019-03-25	Unsecured		- 100,000
273-2nd	3.79	2021-03-25	Unsecured	100,0	
273-3rd	4.26	2024-03-25	Unsecured	100,0	
274-2nd	2.17	2020-09-30	Unsecured	150,0	
274-3rd	2.34	2022-09-30	Unsecured	80,0	
275-2nd	2.52	2020-12-07	Unsecured	120,0	
275-3rd	2.66	2022-12-07	Unsecured	60,0	
276-2nd	2.02	2021-03-07	Unsecured	120,0	
276-3rd	2.26	2023-03-07	Unsecured	150,0	
277-2nd	1.93	2021-06-01	Unsecured	120,0	
277-3rd	2.16	2023-06-01	Unsecured	120,0	
277-4th	2.43	2026-06-01	Unsecured	60,0	
278-2nd	1.65	2021-09-07	Unsecured	110,0	
278-3rd	1.80	2023-09-07	Unsecured	110,0	
279-1st	1.96	2020-03-06	Unsecured	90,0	90,000
279-2nd	2.34	2022-03-06	Unsecured	190,0	00 190,000
279-3rd	2.58	2024-03-06	Unsecured	120,0	
280-1st	1.99	2020-06-01	Unsecured	90,0	
280-2nd	2.39	2022-06-01	Unsecured	200,0	200,000

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

Issuance				June 30,	December 31,
number	Interest rate (%)	Maturity	Security	2019	2018
280-3rd	2.67	2024-06-01	Unsecured	110,000	110,000
281-1st	1.90	2019-08-04	Unsecured	100,000	100,000
281-2nd	2.40	2022-08-04	Unsecured	130,000	130,000
281-3rd	2.62	2024-08-04	Unsecured	70,000	70,000
282-1st	2.47	2020-10-25	Unsecured	70,000	70,000
282-2nd	2.79	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	-
287-2nd	2.23	2026-02-27	Unsecured	70,000	-
287-3rd	2.35	2029-02-27	Unsecured	80,000	-
288-1st	1.81	2024-06-04	Unsecured	170,000	-
288-2nd	1.83	2026-06-04	Unsecured	60,000	-
288-3rd	1.87	2029-06-04	Unsecured	110,000	<u>-</u>
				6,300,000	6,210,000
Addition: premium o	n bonds payable			398	7,701
Less: current portion	١			(1,061,457)	(1,083,112)
				<u>₩ 5,238,941</u> <u>₩</u>	<del>∀</del> 5,134,589

(3) The Company's bonds payable repayment schedule as of June 30, 2019 is as follows (Korean won in millions):

Year ending		Amount of repayment
July 1, 2019 ~ June 30, 2020	₩	1,060,000
July 1, 2020 ~ June 30, 2021		1,140,000
July 1, 2021 ~ June 30, 2022		1,000,000
July 1, 2022 ~ June 30, 2023		1,060,000
July 1, 2023 and thereafter		2,040,000
	$\underline{\mathbb{W}}$	6,300,000

#### 15. Provisions

Changes in provisions for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

	For the six months ended June 30, 2019									
		Beginning balance	a	hange of ccounting olicies (*1)	Inc	rease	Dec	crease	Ending balance	
Provision for service warranties	₩	3,038	₩	-	₩	1,271	₩	(2,835)	₩ 1,474	
Other		166		1,882		216		(194)	2,070	
	₩	3,204	₩	1,882	₩	1,487	₩	(3,029)	₩ 3,544	
		For the six months ended June 30, 2018								
		Beginning							Ending	
		balance		Increa	ise	De	ecrease		balance	
Provision for service warranties	₩	4	,988	₩	1,495	5 ₩	(4	4,197) ₩	2,286	
Buildings		2	,961		226	<u> </u>		(189)	2,998	
-	₩	7	,94 <u>9</u>	₩	1,721	₩	(4	I,386) <del>₩</del>	5,284	

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 recognised 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 six months ended June 30, 2019, were ₩29 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 obligation and plan assets.

(3) Details of defined benefit liabilities as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

	<u> </u>	une 30, 2019	December 31, 201		
Present value of defined benefit obligation	₩	340,528	₩	297,845	
Fair value of plan assets		(252,222)		(253,442)	
	₩	88,306	₩	44,403	

# 16. Defined benefit liabilities (cont'd)

(4) Changes in the defined benefit liabilities for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		For the six	months er	nded June	e 30, 2019
	Pres	ent value			
	of	defined	Fair valu	ue of	
	<u>benefit</u>	t obligation	plan as	sets	Total
Beginning balance	₩	297,845	₩ (2	53,442)	₩ 44,403
Provision for pension benefits:					
Current service cost		17,363		-	17,363
Net interest expense (income)		3,474		(3,211)	263
Re-measurement:					
Return on plan assets (excluding amounts		-		1,043	1,043
included in net interest expense)					
Actuarial changes arising from changes		12,689		-	12,689
in financial assumptions					
Experience adjustments		12,068		-	12,068
Contributions by employer directly to plan assets		-		(3,000)	(3,000)
Benefit paid		(5,657)		7,900	2,243
Others		2,746		(1,512)	1,234
Ending balance	₩	340,528	₩ (2	52,222) <sup>3</sup>	₩ 88,306
		Can tha aire		مريا امام	- 20, 2040
	Droo	For the six	months er	nded Jun	e 30, 2018
		ent value			e 30, 2018
	of	ent value defined	Fair valu	ue of	
Dominaria anti-al-ana-a	of benefi	ent value defined t obligation	Fair valu	ue of	Total
Beginning balance	of	ent value defined	Fair valu	ue of	Total
Provision for pension benefits:	of benefi	ent value defined t obligation 254,398	Fair valu	ue of	
Provision for pension benefits: Current service cost	of benefi	ent value defined t obligation 254,398	Fair valu plan as ₩ (2	ue of ssets 15,599)	Total  ₩ 38,799  15,579
Provision for pension benefits: Current service cost Net interest expense (income)	of benefi	ent value defined t obligation 254,398	Fair valu plan as ₩ (2	ue of	
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement:	of benefi	ent value defined t obligation 254,398	Fair valu plan as ₩ (2	ue of seets 15,599) 3	Total  ₩ 38,799  15,579  290
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement: Return on plan assets (excluding amounts	of benefi	ent value defined t obligation 254,398	Fair valu plan as ₩ (2	ue of ssets 15,599)	Total  ₩ 38,799  15,579
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement: Return on plan assets (excluding amounts included in net interest expense)	of benefi	ent value defined t obligation 254,398 15,579 3,583	Fair valu plan as ₩ (2	ue of seets 15,599) 3	Total  ₩ 38,799  15,579 290  1,438
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes	of benefi	ent value defined t obligation 254,398	Fair valu plan as ₩ (2	ue of seets 15,599) 3	Total  ₩ 38,799  15,579  290
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions	of benefi	ent value defined tobligation 254,398 15,579 3,583	Fair valu plan as ₩ (2	ue of seets 15,599) 3	Total  ₩ 38,799  15,579 290  1,438  (1,018)
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions Experience adjustments	of benefi	ent value defined t obligation 254,398 15,579 3,583	Fair valu plan as ₩ (2	ue of ssets 15,599) 3 - (3,293) 1,438	Total  ₩ 38,799  15,579 290  1,438  (1,018)  6,035
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions Experience adjustments Contributions by employer directly to plan assets	of benefi	ent value defined tobligation 254,398 15,579 3,583 - (1,018) 6,035	Fair valu plan as ₩ (2	ue of ssets 15,599) 3 - (3,293) 1,438 - (500)	Total  ₩ 38,799  15,579 290  1,438  (1,018)  6,035 (500)
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions Experience adjustments Contributions by employer directly to plan assets Benefit paid	of benefi	ent value defined tobligation 254,398 15,579 3,583 - (1,018) 6,035 - (9,603)	Fair valu plan as ₩ (2	ue of ssets 15,599) - (3,293) 1,438 - (500) 9,768	Total  ₩ 38,799  15,579 290  1,438  (1,018)  6,035 (500) 165
Provision for pension benefits: Current service cost Net interest expense (income) Re-measurement: Return on plan assets (excluding amounts included in net interest expense) Actuarial changes arising from changes in financial assumptions Experience adjustments Contributions by employer directly to plan assets	of benefi	ent value defined tobligation 254,398 15,579 3,583 - (1,018) 6,035	Fair valuplan as ₩ (2	ue of ssets 15,599) 3 - (3,293) 1,438 - (500)	Total  ₩ 38,799  15,579 290  1,438  (1,018)  6,035 (500) 165 3,723

# 17. Other assets and liabilities

(1) Details of other assets as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2019	December 3	1, 2018
Current assets:		_		
Accrued income	₩	182	₩	118
Advanced payments		4,182		8,476
Prepaid expenses		27,739		11,793
Guarantee deposits		112		112
Lease receivables		31,529		-
Derivative financial assets		406		34
Others		242		79
	₩	64,392	₩	20,612
Non-current assets:				
Long-term financial instruments	₩	19	₩	19
Long-term loans		397		397
Long-term guarantee deposits		21,482		21,074
Long-term lease receivables		24,070		-
Derivative financial assets		175,993		175,993
Others		127		127
	₩	222,088	₩	197,610

(2) Details of other liabilities as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

	June 30, 2019	December 31, 2018
Current liabilities:		
Leasehold deposits received ₩	615	₩ -
Advance received	155,757	63,774
Withholdings	24,147	38,348
Income tax payable	59,988	122,873
Lease liabilities	57,647	-
Derivative financial liabilities	305	146
$\overline{\mathbb{W}}$	298,459	₩ 225,141
Non-current liabilities:		
Leasehold deposits received ₩	5,578	₩ 6,210
Long-term lease liabilities	46,978	-
Derivative financial liabilities	240,171	240,169
Long-term employee benefits	10,140	10,100
<u>\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ </u>	302,867	₩ 256,479

# 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 June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

	June 30, 2019				December 31, 2018			1, 2018
		Assets		Liabilities		Assets		Liabilities
Forward contract Total return swap contract	₩	406	₩	309	₩	34	₩	146
(see Note 29)		175,993		240,167		175,993		240,169
	₩	176,399	₩	240,476	₩	176,027	₩	240,315

# 19. Equity

# 19.1 Issued capital

Details of issued capital as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2019	December 31, 2018
Number of shares authorized for issued		400,000,000	400,000,000
Per share (Korean won)	₩	200	₩ 200
Number of shares issued:			
Ordinary shares		70,360,297	70,360,297
Preferred shares		566,135	566,135
Issued capital:			
Ordinary shares	₩	15,272	₩ 15,272
Preferred shares		113	113
	$\overline{\mathbb{W}}$	15,385	₩ 15,385

The Company retired 6,000,000 shares of its treasury shares (par value:  $\mbox{$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 June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

	<u>J</u>	une 30, 2019	<u>December 31, 2018</u>		
Paid-in surplus (*1)	₩	5,605,831	₩	5,605,831	
Treasury shares (*2)		(904,493)		(904,493)	
Stock option		3,387		2,807	
Others		(292,892)		(292,892)	
	$\overline{\mathbb{W}}$	4,411,833	₩	4,411,253	

- (\*1) During the year ended December 31, 2015, the Company repurchased treasury stocks of \text{\$\psi}3,369,310\$ million from merger with SK Holdings Co., Ltd. which was recognized as a contraequity account of additional paid-in capital.
- (\*2) As of June 30, 2019, treasury stock consists of those acquired to increase the enterprise value and to stabilize share price (3,514,276 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 merger in 2015.

#### 19.3 Retained earnings

Details of retained earnings as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2019	De	cember 31, 2018
Legal reserve (*1)	₩	7,693	₩	7,693
Voluntary reserve		62,896		65,230
Unappropriated retained earnings		9,528,786		8,670,604
	$\overline{\mathbf{W}}$	9,599,375	₩	8,743,527

# 19.3 Retained earnings (cont'd)

(\*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 June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2019	December	31, 2018
Loss on financial assets at FVOCI	₩	(2,029)	₩	(2,029)

# 19.5 Stock option

Upon resolution by the shareholders' meeting and 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 grants of the stock options granted under the share option program are as follows:

	1-1	1-2	1-3
Grant date	2017-03-24		
Types of shares to be issued	Ordinary shares		
Grant method		ares, but if the stock op real price (evaluated ba	
		le the difference in cash	
Number of shares (shares)	41.429	41,430	41,431
	, -	•	•
Exercise price (Korean won)	₩ 226,290	₩ 244,400	₩ 263,950
Contractual life of options	2019.03.25	2020.03.25	2021.03.25
·	~2022.03.24	~2023.03.24	~2024.03.24
Vesting conditions	2 year service from the grant date	3 year service from the grant date	4 year service from the grant date

A share compensation expense recognized during the current reporting period amounts to \$580 million (accumulated share compensation expense: \$3,387 million), and the remaining share compensation expense to be recognized in the later periods amounts to \$900 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
Risk-free interest rate		1.86%		1.95%		2.07%
Option life		5 Years		6 Years		7 Years
Expected price (Closing price	₩	236,000	₩	236,000	₩	236,000
on the preceding day in						
Korean won)						
Expected volatility		16.78%		16.78%		16.78%
Rate of returns		1.60%		1.60%		1.60%
Exercise price (Korean won)	₩	226,290	₩	244,400	₩	263,950
Fair value per share	₩	38,317	₩	34,200	₩	30,962
(Korean won)						

# 20. Operating revenues

(1) Details of operating revenues for the three months and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

	June 30, 2019					June 30, 2018				
	Three months			Six months		Three months	Six months			
Revenue from contracts with customers:										
IT service (*1)	₩	405,400	₩	793,870	₩	370,335	₩	706,904		
Trademark usage income		78,514		137,426		70,751		117,370		
Others		121		246		<u> </u>		<u> </u>		
		484,035		931,542		441,086		824,274		
Revenue from other sources:										
Dividend income		120,291		1,174,759		-		759,437		
Rental income		504		1,302		11,539		23,142		
		120,795		1,176,061		11,539		782,579		
Total	₩	604,830	₩	2,107,603	₩	452,625	₩	1,606,853		

- (\*1) Includes contract revenue of \W493,962 and \W388,865 million recognized from the cost-based input method for the six months ended June 30, 2019 and 2018.
- (2) Details of revenue from contracts with customers for the three month and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

	June 30, 2019					June 30, 2018				
	Three months			Six months		Three months	Six months			
Revenue from contracts with customers:										
IT service	₩	405,400	₩	793,870	₩	370,335	₩	706,904		
Trademark usage income		78,514		137,426		70,751		117,370		
Others		121		246						
	₩	484,035	₩	931,542	₩	441,086	₩	824,274		
Geographical location:										
Korea	₩	462,892	₩	891,984	₩	422,326	₩	791,716		
Asia		13,426		29,378		14,354		25,376		
Europe		7,235		9,328		2,708		3,475		
North America		482		852		1,698		3,707		
	₩	484,035	₩	931,542	₩	441,086	₩	824,274		
Timing of revenue recognition Recognized at a	n:									
point in time	₩	29,655	₩	45,855	₩	18,658	₩	51,015		
Recognized over a period		454,380		885,687		422,428		773,259		
	₩	484,035	₩	931,542	₩	441,086	₩	824,274		

(3) Details of contract assets, contract liabilities related to revenue from contracts with customers as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2019	Decer	mber 31, 2018
Contract assets from IT service contract	₩	171,507	₩	138,098
Contract liabilities from IT service contract (*1)		88,135		63,753

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(\*1) The amount recognized as revenue in the current period in relation to the contract liabilities in the beginning of the current term is \W53,085 million and there is no revenue recognized in the current period in relation to the performance obligation satisfied in the prior term.

# 20. Operating revenues (cont'd)

(4) Details of profit variation by changes of accounting estimates related to the cost-based input method contracts as of June 30, 2019 are as follows (Korean won in millions):

	Change in estimated					Impact on	Impact on	
	COI	nstruction		Change in	Cl	urrent period	future period	
	r	revenue		estimated cost		profit (loss)	profit (loss)	
IT Service contracts (*1)	₩	21,741	₩	21,836	₩	(616) ₩	<i>Ŧ</i>	521

(\*1) For the purpose of KIFRS 1108 *Operating Segments*, the Company has a single reportable segment and therefore need not separately disclose the business segment.

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 June 30, 2019 are as follows (Korean won in millions):

For the six months ended June 30, 2019								
Percentage Provision								
Business division	Construction	Contract date	Due date	of completion Total amount Net amount Total amount for lo	sses			
ICT business	The K project	2019. 01	2020. 10	19.72% ₩ 7,888 ₩ - ₩ - ₩	-			

# 21. Operating expenses

Details of operating expenses for the three months and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

	June 30, 2019				June 30, 2018				
	Three months			Six months		Three months		Six months	
Material costs	₩	28,325	₩	54,927	₩	17,493	₩	48,686	
Outsourcing costs		192,005		372,755		171,034		323,478	
Salaries		97,535		170,884		82,072		153,861	
Provision for pension benefits		7,608		17,065		7,662		16,909	
Depreciation		18,386		36,820		12,028		23,813	
Rents		587		1,277		10,250		20,650	
Communications		4,688		9,376		5,208		10,678	
Employee welfare benefits		13,763		27,019		11,881		24,841	
Commissions		15,617		31,031		7,808		14,972	
Education and training		5,751		9,746		4,017		7,306	
Research and development		11,834		22,262		5,767		14,737	
Office management		8,495		18,156		11,935		21,743	
Travel		3,392		6,694		4,168		7,595	
Others		18,130		31,930		20,838		33,927	
Total	₩	426,116	₩	809,402	₩	372,161	₩	723,196	

## 22. Expenses classified based on nature of expense

Details of classification based on nature of expenses for the three months and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		June 3	)19	June 30, 2018					
		Three months		Six months		Three months		Six months	
Material costs	₩	28,308	₩	55,072	₩	17,492	₩	48,820	
Outsourcing costs		192,444		373,194		171,350		323,858	
Salaries		101,435		181,687		84,189		162,131	
Provision for pension benefits		8,089		17,837		7,998		17,557	
Depreciation and amortization		23,405		46,973		15,810		32,046	
Rents		587		1,277		10,251		20,651	
Communications		4,740		9,466		5,209		10,679	
Employee welfare benefits		14,467		28,308		12,448		25,997	
Commissions		19,110		34,605		7,808		14,974	
Education and training		5,868		9,932		4,092		7,449	
Office management		8,495		18,156		11,935		21,743	
Travel		3,427		6,794		4,179		7,647	
Others		15,741		26,101		19,400		29,644	
Total	₩	426,116	₩	809,402	₩	372,161	₩	723,196	

# 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 and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

	June 3	30, 2019	June 30, 2018			
	Three months	Six months	Three months	Six months		
Financial income:						
Interest income	₩ 2,070	3,774	₩ 1,812	₩ 3,113		
Gain on foreign currency transactions	1,480	2,260	465	1,884		
Gain on foreign currency translation	284	661	1,155	1,199		
Gain on valuation of FVTPL measured at fair value	366	758	(1,059)	558		
Gain on valuation of derivative instruments	259	406	181	194		
Gain on transactions of						
derivative instruments	291	360	60	850		
Total	₩ 4,750	₩ 8,219	₩ 2,614	₩ 7,798		
Financial costs:						
Interest expenses	₩ 44,665	92,008	₩ 41,374	₩ 84,342		
Loss on foreign currency transactions	1,658	2,138	2,127	2,904		
Loss on foreign currency translation	379	432	66	153		
Loss on valuation of FVTPL measured at fair value			3,208	3,208		
Loss on valuation of derivative instruments	174	501	785	1,970		
Loss on transactions of						
derivative instruments	158	331	242	325		
Total	₩ 47,034	₩ 95,410	₩ 47,802	₩ 92,902		

## 23.2 Other non-operating income and expenses

Details of other non-operating income and expenses for the three months and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		June 3	019	June 30, 2018				
		Three months		Six months	TI	nree months		Six months
Other non-operating income:								
Gain on disposal of investments in subsidiaries	₩	-	₩	-	₩	6,249	₩	198,440
Gain on disposal of property, plant and equipment		1		8		1		4
Gain on disposal of intangible assets		-		-		463		518
Others		1,292		1,629		1,166		1,285
Total	₩	1,293	₩	1,637	₩	7,879	₩	200,247
Other non-operating expenses:								
Loss on disposal of investments in subsidiaries	₩	-	₩	-	₩	290	₩	6,538
Loss on impairment of investments in associates and joint ventures		58		58		-		-
Loss on disposal of property, plant and equipment		-		4		-		121
Loss on disposal of intangible assets		-		1		-		101
Donations		10,552		10,665		5,682		12,284
Others		1,220		1,728		597		836
Total	₩	11,830	₩	12,456	₩	6,569	₩	19,880

## 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 six months ended June 30, 2019 and 2018 were 8.70% and 12.18%, respectively.

## 25. Earnings per share

(1) Basic earnings per share for the three months and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions, except per share information):

	June 30, 2019					June 30, 2018			
	Thr	Three months		Six months		Three months		Six months	
Net income	₩	50,629	₩	1,095,741	₩	65,090	₩	894,839	
Less: Preferred share dividends		(1,136)		(1,707)		(1,136)		(1,707)	
Net income attributable to ordinary share owners of the Company	₩	49,493	₩	1,094,034	₩	63,954	₩	893,132	
Weighted-average number of issued shares outstanding (*1)		55,824,347		55,824,347		55,824,351		55,824,351	
Basic earnings per share (In Korean Won)	₩	887	₩	19,598	₩	1,146	₩	15,999	

<sup>(\*1)</sup> Weighted-average number of issued shares represents the number of 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 and six months ended June 30, 2019 and 2018 are as follows:

	June 30,	2019	June 30, 2018		
	Three months	Six months	Three months	Six months	
Weighted-average number of shares outstanding	70,360,297	70,360,297	70,360,297	70,360,297	
Weighted-average number of treasury shares	(14,535,950)	(14,535,950)	(14,535,946)	(14,535,946)	
Weighted-average number of issued shares outstanding	55,824,347	55,824,347	55,824,351	55,824,351	

## (2) Basic earnings per share from continuing operations

Basic earnings per share from continuing operations for the three months and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions, except per share information):

		June 3	19	June 30, 2018				
	Three months		Six months		Three months		Six months	
Net income attributable to ordinary shares	₩	49,493	₩	1,094,034	₩	63,954	₩	893,132
Less: gain from								
discontinued operations						(32,977)		(30,865)
Gain from continuing operations attributable to ordinary shares	₩	49,493	₩	1,094,034	₩	30,977	₩	862,267
Weighted-average number of Issued shares outstanding		55,824,347		55,824,347		55,824,351		55,824,351
Basic earnings per share from continuing operations								
(In Korean Won)	₩	887	₩	19,598	₩	<u>555</u>	₩	15,446

# (3) Basic earnings per share from discontinued operations

Basic earnings per share from discontinued operations for the three months and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions, except per share information):

		June 3	)19	June 30, 2018				
	T	Three months		Six months		Three months		Six months
Gain from discontinued operations	₩	-	₩	-	₩	32,977	₩	30,865
Weighted-average number of		EE 924 247		EE 924 247		EE 904 2E4		EE 904 2E1
issued shares outstanding	-	55,824,347	-	55,824,347		55,824,351	-	55,824,351
Basic earnings per share from discontinued operations								
(In Korean won)	₩		₩		₩	591	₩	553

#### 26. Transactions with related parties

Details of significant transactions with related parties for the six months ended June 30, 2019 and 2018, and significant balances with related parties as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

(1) The subsidiaries of the Company as of June 30, 2019, are as follows:

Subsidiary

Ultimate controlling party Tae-won, Chey and related parties Subsidiary (total 275) SK Innovation Co., Ltd., SK Ene

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., Shandong SK Hightech Oil 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 International Trading (Shanghai) Co., Ltd., SK Golden Tide Plastics (Yantai) 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 China Co., Ltd., 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., 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., PT. Patra SK, SK Lubricants Americas, Inc., SK Lubricants Europe B.V., SK Lubricants Japan Co., Ltd., SK Lubricants & Oils India Pte. Ltd., Iberian Lube Base Oils S.A., SK Lubricants Russia LLC, SK ie technology Co., Ltd., SK Mobile Energy Co., Ltd., SK Innovation Insurance (Bermuda), Ltd., SK USA, Inc., Blue Dragon Energy Co., Ltd., SK Battery Hungary Kft., SK Battery America, Inc., SK Battery Manufacturing Kft., SK Hi-Tech Battery Battery Materials (Jiang Su) Co., Ltd., SK Hi-tech Battery Materials Poland Sp. Zo.o., Jiangsu SK Battery Certification Center, Happykium Co., Ltd., SK E&P Company, SK E&P America, Inc., SK Plymouth, LLC, SK Permian, LLC, SK E&P Operations America, LLC, SK Nemaha, LLC, SK Telecom Co., Ltd., SK Telink Co., Ltd., SK Telink Vietnam Co., Ltd., SK Broadband Co., Ltd., Home&Service Co., Ltd., SK stoa Co., Ltd., PS&Marketing Corp., Serviceace Co., Ltd., Service Top Co., Ltd., Network O&S Co., Ltd., K-Net Culture & Contents Venture Fund, One store Co., Ltd., SK Communications Co., Ltd., SK Planet Co., Ltd., 11Street Co., Ltd, Life and Security Holdings Co., Ltd., ADT Caps Co., Ltd., Capstek Co., Ltd., ADT Security Co., Ltd., Quantum Innovation Private Equity Joint Venture I, SK Infosec Co., Ltd., Incross Co., Ltd., Infra Communications Co., Ltd., SK M & Service Co., Ltd., SK Planet Japan, K.K., SKP Global Holdings Pte. Ltd., SKP America, LLC, 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. (formerly, iriver Co., Ltd.), iriver Inc., iriver Enterprise Ltd., iriver China Co., Ltd., Dongguan iriver Electronics Co., Ltd., groovers Japan Co., Ltd., Life Design Company Japan Inc., SK telecom Japan Inc., id Quantique Ltd, id Quantique LLC, FSK L&S Co., Ltd., FSK L&S(Shanghai) Co., Ltd., SK Networks Co., Ltd., SK Networks Service Co., Ltd., SK Pinx Co., Ltd., SK Rent-A-car Service Co., Ltd., SK Magic Co., Ltd., SK Magic Service Co., Ltd., SK Magic Vietnam Company Limited, SK Networks Retails Malaysia Sdn. Bhd., Mokgam Service, AJ Rent-A-car Co., Ltd., SK Networks (China) Holdings Co., Ltd., Liaoning SK Networks Real Estate Development Co., Ltd., Shenyang SK Bus Terminal Co., Ltd., SK Networks (Liaoning) Logistics Co., Ltd., SK Networks (Dandong) Energy Co., Ltd., Shenyang SK Networks Energy Co., Ltd., SK (GZ FreeZone) Co., Ltd., SK Networks (Shanghai) Co., Ltd., POSK (Pinghu) Steel Processing Center Co., Ltd., SK Networks Hong Kong Ltd., SK (Guangzhou) Metal Co., Ltd., SK Networks (Xiamen) Steel Processing Center Co., Ltd., SK Networks Japan Co., Ltd., SK Networks Deutschland 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., Networks Tejarat Pars, SKC Co., Ltd., Woori Fine

Subsidiary (total 275)

Subsidiary

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-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 E&S Co., Ltd., Kangwon City Gas Co., Ltd., Yeongnam Energy Service Co., Ltd., Ko-one Energy Service Co., Ltd., Narae 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., Wirye Energy Service Co., Ltd., Yeoju Energy Service Co., Ltd., SK E&S Hong Kong Co., Ltd., SK E&S Australia Pty. Ltd., SK E&S Ameriacas, 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 Pte., Ltd., Fajar Energy International Pte. Ltd., Prism Energy International Hong Kong Ltd., 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, LLC, SK E&C Betek Corporation, Mesa Verde RE Ventures, LLC, SKEC Consultores Ecquador, S.A., Sunlake Co., Ltd., SK Holdco Pte. Ltd., 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 Siltron Co., Ltd., SK Siltron America, Inc., SK Siltron Japan, Inc., Happy Chaeum Co., Ltd., SK Biopharmaceuticals Co., Ltd., SK Life Science, Inc., SK Biotek Co., Ltd., SK Biotek Ireland Limited, SK Biotek USA, Inc., SK S.E.Asia Pte. Ltd., Essencore Limited, Essencore (Shenzhen) Limited, SK China Company, Ltd., SKY Property Mgmt (Beijing) Co., Ltd., SK Bio Energy Hong Kong 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 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., Limited, SK Investment Management Co., Ltd., SK Semiconductor Investments Co., Ltd., SK Computer and Communication LLC, Gemini Partners Pte. Ltd., Solaris Partners Pte. Ltd., SK GI Management, SK MENA Investment B.V., SK Latin America Investment S.A., 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 Technology Innovation Company, SK South East Asia Investment Pte.Ltd., SK Investment Vina I Pte. Ltd., SK Investment Vina II Pte. Ltd., Alchemy Acquisition Corp., 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.

(2) Details of transactions with the related parties for the three months and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		June 30, 2019							
		Sale	es (*1)	Purcha	ase (*2)				
	Company name	Three months	Six months	Three months	Six months				
Subsidiary	SK Innovation Co., Ltd.	₩ 27,89	7 ₩ 249,112	₩ 462	₩ 921				
	SK Energy Co., Ltd.	25,97	7 47,247	-	-				
	SK Global Chemical Co., Ltd.	7,48	2 14,212	-	-				
	SK Incheon Petrochem Co., Ltd.	6,61	9 11,652	-	-				
	SK Lubricants Co., Ltd.	3,50	0 6,350	-	-				
	SK Battery Hungary Kft.	6,30	9 6,309	-	-				
	SK Engineering & Construction Co., Ltd.	7,47	4 23,470	1,739	1,739				
	SKC Co., Ltd.	2,81	5 20,985	-	-				
	SK E&S Co., Ltd.	4,19	0 612,891	-	-				
	SK Biopharmaceuticals Co., Ltd.	2,61	9 3,557	-	-				
	SK Infosec Co., Ltd.	91	6 2,017	3,639	6,681				
	SK C&C Beijing Co., Ltd.	7,19	8 10,234	2,287	3,689				
	SK S.E.ASIA Pte. Ltd.	113,92	0 113,920	-	-				
	SK Networks Co., Ltd.	10,97	8 32,461	523	2,456				
	SK Telecom Co., Ltd.	81,93	4 359,250	8,845	16,974				
	SK Broadband Co., Ltd.	23,68	4 47,048	2,020	4,055				
	SK Planet Co., Ltd.	4,37	9,386	59	286				
	SK Matrials Co., Ltd.	1,72	4 22,172	-	-				
	SK Siltron Co., Ltd.	4,46	9 8,087	-	-				
	Others	20,57	8 34,857	2,553	5,884				
Other	Hana Land Chip PEF 33		- 1,666	8,593	17,187				
related	SK hynix Inc.	118,41	4 214,262	3,821	8,021				
parties	SK hynix Semiconductor (China) Ltd.	3,41	5 11,484	91	91				
	Happynarae Co., Ltd.	21	4 678	2,173	5,338				
	Others	2,80	9 4,945	3,689	7,256				
Others	SK Gas Co., Ltd.	2,73	5 6,077	-	-				
	Others	64	0 3,823						
Total		₩ 492,88	<u>₩ 1,878,152</u>	₩ 40,492	₩ 80,578				

			June 30	, 2018			
		Sale	es (*1)	Purchase (*2)			
	Company name	Three months	Six months	Three months	Six months		
Subsidiary	SK Innovation Co., Ltd.	₩ 21,804	1 ₩ 239,684	₩ 470	₩ 927		
	SK Energy Co., Ltd.	29,589	49,666	-	7		
	SK Global Chemical Co., Ltd.	8,37	14,851	-	-		
	SK Incheon Petrochem Co., Ltd.	6,763	10,894	-	3		
	SK Lubricants Co., Ltd.	3,726	6,599	-	-		
	SK Engineering & Construction Co., Ltd.	6,535	13,415	-	1		
	SKC Co., Ltd.	3,168	19,170	-	=		
	SK E&S Co., Ltd.	3,476	244,488	-	-		
	SK Biopharmaceuticals Co., Ltd.	71	1,018	-	=		
	SK Infosec Co., Ltd.	1,066	18,027	4,227	8,020		
	SK C&C Beijing Co., Ltd.	77	7 232	3,920	5,312		
	SK S.E.ASIA Pte. Ltd.		- 78,979	-	-		
	SK Networks Co., Ltd.	10,123	32,593	648	3,245		
	SK Telecom Co., Ltd.	91,204	355,224	3,961	6,725		
	SK Broadband Co., Ltd.	33,042	60,469	2,305	4,847		
	SK Planet Co., Ltd.	3,418	7,404	306	328		
	SK Matrials Co., Ltd.	1,316	20,376	-	-		
	SK Siltron Co., Ltd.	2,537	4,493	-	-		
	Others	19,643	37,242	1,585	3,867		
Other	Hana Land Chip PEF 33		- 1,660	8,593	17,187		
related	SK hynix Inc.	100,343	166,923	48	94		
parties	SK hynix Semiconductor (China) Ltd.	11,234	16,561	-	28		
	Happynarae Co., Ltd.	1,640	2,276	1,983	2,853		
	Others	100	852	968	1,435		
Others (*3)	SK Gas Co., Ltd.	4,086	7,250	-	-		
	Others	8,630	15,914	425	661		
Total		₩ 372,602	<u>₩ 1,426,260</u>	₩ 29,439	₩ 55,540		

<sup>(\*1)</sup> Consists of dividends income received from subsidiaries and others, trademark usage income, rental income and others.

<sup>(\*2)</sup> Consists of rental expenses, outsourcing costs and others.

<sup>(\*3)</sup> 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 June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

		June 30, 2019							
			Re	eceivables			Payables		
		Trade		Other		Trade	Other		
	Company name	receivab	les	receivables	Total	payables	payables	Total	
Subsidiary	SK Innovation Co., Ltd.		377 ₹	₩ 56,351	₩ 75,028	₩ -	₩ 10,269	₩ 10,269	
	SK Energy Co., Ltd.	3,0	60	-	3,660	-	5,603	5,603	
	SK Global Chemical Co., Ltd.	1,4	804	1,418	2,826	-	4,681	4,681	
	SK Incheon Petrochem Co., Ltd.	-	772	-	772	-	2,417	2,417	
	SK Lubricants Co., Ltd.	(	346	-	646	-	4,343	4,343	
	SK Battery Hungary Kft.	2,	63	-	2,163	-	1,230	1,230	
	SK Engineering & Construction	3,	′52	-	3,752	-	29	29	
	Co., Ltd.								
	SKC Co., Ltd.	1,8	366	-	1,866		150	150	
	SK E&S Co., Ltd.	2,	80	-	2,180	-	-	-	
	SK Biopharmaceuticals Co., Ltd.	9	993	-	993	-	37	37	
	SK Infosec Co., Ltd.	-	<b>'</b> 86	44	830	1,004	2,802	3,806	
	SK C&C Beijing Co., Ltd.	2,0	62	-	2,662	6	73	79	
	SK Networks Co., Ltd.	4,	'28	1,033	5,761	1	2,855	2,856	
	SK Telecom Co., Ltd.	41,0	800	357	41,365	1,087	6,414	7,501	
	SK Broadband Co., Ltd.	25,2	260	-	25,260	592	203	795	
	SK Planet Co., Ltd.	5,0	)66	-	5,066	-	32	32	
	SK Materials Co., Ltd.		165	964	1,429	-	181	181	
	SK Siltron Co., Ltd.	5,	503	-	5,503	-	331	331	
	Others	11,	311	321	11,632	160	5,070	5,230	
Other related	Hana Land Chip PEF 33		-	5,983	5,983	-	59,150	59,150	
parties	SK hynix Inc.	205,	140	8,494	213,934	-	50,153	50,153	
	SK hynix Semiconductor	24,8	387	-	24,887	-	3,508	3,508	
	(China) Ltd.	_							
	Happynarae Co., Ltd.	,	82	-	2,482		1,584	,	
	Others	,	393	144	3,037	1,391	1,348	2,739	
Others (*1)	SK Gas Co., Ltd.		136	-	436	-	1	1	
	Others		<u>267</u>		1,267				
		₩ 370,	311 <del>\</del>	<del>₩</del> 75,109	₩445,420	₩ 4,382	<u>₩ 162,464</u>	<u>₩ 166,846</u>	

		December 31, 2018							
		F	Receivables			Payables			
		Trade	Other		Trade	Other			
	Company name	receivables	receivables	Total	payables	payables	Total		
Subsidiary	SK Innovation Co., Ltd.	₩ 23,492	₩ 562	₩ 24,054	₩ -	₩ 11,293	₩ 11,293		
	SK Energy Co., Ltd.	7,014	-	7,014	-	4,344	4,344		
	SK Global Chemical Co., Ltd.	557	-	557	-	3,095	3,095		
	SK Incheon Petrochem Co., Ltd.	1,079	-	1,079	-	1,747	1,747		
	SK Lubricants Co., Ltd.	20	-	20	-	2,062	2,062		
	SK Engineering & Construction	3,226	-	3,226	-	149	149		
	Co., Ltd.								
	SKC Co., Ltd.	1,652	-	1,652	-	40	40		
	SK E&S Co., Ltd.	1,994	-	1,994	-	139	139		
	SK Biopharmaceuticals Co., Ltd.	432	-	432	-	37	37		
	SK Infosec Co., Ltd.	1,057	-	1,057	897	3,006	3,903		
	SK C&C Beijing Co., Ltd.	7,407	-	7,407	456	2,473	2,929		
	SK Networks Co., Ltd.	2,800	20	2,820	-	735	735		
	SK Telecom Co., Ltd.	87,991	352	88,343	511	12,723	13,234		
	SK Broadband Co., Ltd.	51,360	-	51,360	418	966	1,384		
	SK Planet Co., Ltd.	7,326	-	7,326	-	199	199		
	SK Materials Co., Ltd.	796	458	1,254	-	176	176		
	SK Siltron Co., Ltd.	4,073	-	4,073	-	39	39		
	Others	13,597	320	13,917	1,339	8,778	10,117		
Other related	Hana Land Chip PEF 33	-	5,983	5,983	-	-	-		
parties	SK hynix Inc.	160,789	-	160,789	-	8,880	8,880		
	SK hynix Semiconductor	11,717	-	11,717	-	779	779		
	(China) Ltd.								
	Happynarae Co., Ltd.	2,031	-	2,031	453	634	1,087		
	Others	457	139	596	1,095	1,280	2,375		
Others (*1)	SK Gas Co., Ltd.	2,839	-	2,839	-	13	13		
, ,	Others	1,837		1,837	114	133	247		
		₩ 395,543	₩ 7,834	₩403,377	₩ 5,283	₩ 63,720	₩ 69,003		

- (\*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 and six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		June	19	June 30, 2018				
	Thre	Three months Six months		Three months		Six months		
Salaries	₩	2,903	₩	5,782	₩	2,442	₩	4,884
Provision for pension benefits		366		1,808		343		1,646
Share compensation expense		198		580		397		794
Total	₩	3,467	₩	8,170	₩	3,182	₩	7,324

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

(5) Details of significant transactions with related parties in relation to the investments for the six months ended June 30, 2019 are as follows (U.S. dollars in thousands):

	Currency	Amount	Transactions
Golden Pearl EV Solutions Limited	USD	245,497	Share capital increase
Plutus Capital NY, Inc.	USD	154,000	Share capital increase
SK South East Asia Investment Pte. Ltd.	USD	100,000	Share capital increase

(6) Guarantees provided to related parties are described in Note 29.

## 27. Discontinued operations

## (1) Details of discontinued operations

In accordance with a resolution of the Board of Directors on November 17, 2017, the Company elected to sell Encar used car sales business, and the sale was completed on April 3, 2018. As of June 30, 2019, Encar used car sales business is classified as disposal groups and discontinued operations.

(2) Income and expenses from the discontinued operation for the six months ended June 30, 2018 are as follows (Korean won in millions):

		For the six months ended June, 2018	
		Encar used car sales business	
Revenue (*1)	₩	321,30	6
Expenses		281,26	2
Loss before income tax expense		(40,04	4)
Income tax expenses		9,17	9
Gain from discontinued operations		30,86	5

- (\*1) Revenue for the six months ended June 30, 2018 includes gain on disposal of discontinued operations of  $\forall 71,825$  million.
- (3) Details of cash flows relating to discontinued operation for the six months ended June 30, 2018 are as follows (Korean won in millions):

	For the six months ended June 30, 2018				
		Encar used car sales business			
Cash flows from operating activities	₩	24,976			
Cash flows from investing activities		209,661			
Cash flows from financing activities		(16)			

## 28. Cash flow information

(1) Details of non-cash adjustments for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		For the six m	onth	s ended
		June 30, 2019		June 30, 2018
Provision for pension benefits	₩	17,626	₩	16,487
Depreciation		37,388		25,375
Amortization		9,652		7,825
(Reversal of) bad debt expenses		(155)		117
Provision for service warranties		1,487		3,024
Interest expenses		92,008		84,342
Loss on foreign currency translation		432		157
Loss on valuation of derivative instruments		501		1,970
Loss on valuation of financial assets measured at FVTPL		-		3,208
Loss on disposal of investments in associates and joint ventures		-		6,538
Loss on impairment of investments in associates and joint ventures		58		-
Loss on disposal of property, plant and equipment		4		126
Loss on disposal of intangible assets		1		101
Share compensation expense		580		794
Income tax expense		104,450		113,211
Gain on disposal of discontinued operations		-		(71,825)
Dividends income		(1,174,759)		(759,437)
Interest income		(3,774)		(3,165)
Gain on foreign currency translation		(661)		(1,199)
Gain on valuation of derivative instruments		(406)		(194)
Gain on valuation of financial assets measured at FVTPL		(758)		(558)
Gain on disposal of investments in associates and joint ventures		-		(198,440)
Gain on disposal of property, plant and equipment		(8)		(11)
Gain on disposal of intangible assets		-		(S18)
Others		(424)		<u>49</u>
	₩	(916,758)	₩	(772,023)

# 28. Cash flow information (cont'd)

(2) Details of working capital adjustments for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

		For the six months ended			
		June 30, 2019 June 30, 3			
Trade receivables	₩	(20,832)	₩ 71,357		
Other receivables		475	(7,562)		
Inventories		(52)	18,309		
Advanced payments		4,294	(6,712)		
Lease receivables		16,155	-		
Prepaid expenses		(15,889)	(16,107)		
Trade payables		(29,273)	(51,393)		
Advance received		91,982	(2,837)		
Withholdings		(14,203)	(4,642)		
Other payables		(16,938)	(22,777)		
Accrued expenses		(16,615)	(8,629)		
Leasehold deposits received		(18)	(27)		
Provisions		(2,688)	(5,367)		
Retirement benefits paid		(2,911)	(3,961)		
Plan assets		3,388	7,345		
Others		<u>(681</u> )	<u>665</u>		
	₩	(3,806)	₩ (32,608)		

(3) Details of significant non-cash transactions for the six months ended June 30, 2019 and 2018 are as follows (Korean won in millions):

	For the six months ended				
	June 30, 2019	June 30, 2018			
Account reclassification of investment instruments from changes in accounting policies	₩ -	₩ 75,179			
Account reclassification of lease receivables from changes in accounting policies	(71,125)	-			
Account reclassification of lease liabilities from changes In accounting policies	132,448	-			
Transfer of long-term bonds payable to current-portion	530,741	552,556			
Payables regarding the acquisition of property, plant and equipment and intangible assets	(1,356)	4,717			

#### 29. Commitments and contingencies

(1) Guarantees provided by others for the Company's obligations and indebtedness as of June 30, 2019 and December 31, 2018 are as follows (Korean won in millions, USD in thousands):

_	Currency	June 30, 2019	December 31, 2018
Seoul Guarantee Insurance	KRW	401	1,071
Korea Software Financial Cooperative	KRW	282,829	244,882
The Export-Import Bank of Korea	USD	1,225	1,225
Korea Trade Insurance Corporation	USD	1,217	695

## (2) Pending litigation

There are no major pending litigations as of June 30, 2019.

# (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 headquarters building from National Agricultural Cooperative Federation ("NACF"), 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 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 \( \preceq 82,964 \) million (the Company's portion: \( \preceq 45,536 \) 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 noncompliance, the contract may be terminated or cancelled.

# 29. Commitments and contingencies (cont'd)

5) The Company entered into total return swap contracts regarding the issuance of ordinary shares of SK Shipping Co., Ltd. and sale of old shares. The details are as follows.

	Subscription of new shares	Sale of existing shares				
Investor	Special Situation 1st Fund and others	Corporate Turnaround 1st Fund				
Number of shares	6,548,672	4,808,259				
Contract date	April 11, 2017	May 11, 2017				
Expiry date	April 10, 2022	May 10, 2022				
Settlement	The Company and the investors set	tle the amount that deducts the issue				
	price from the net selling price in cash	n. 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	e sale is not complete, the selling price				
	of the shares is considered to be 0.					
Premium	The Company shall pay to the invest	ors the amount equivalent to 3.14% of				
	•	annually. When the investor receives				
	dividends on the shares held, the am-	ount shall be paid to the Company.				
Call option		ase 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. The details are as follows.

	Total return swap
Investor	Warmachine Sixth Co., Ltd. and others
Number of shares	13,140,440
Contract date	August 25, 2017
Expiry date	August 24, 2022
Settlement	The Company and the investors 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.

## 29. 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. The details are as follows.

	Total return swap
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) The Company entered into a cash deficiency support agreement with Hudson Energy NY, LLC, a subsidiary of Plutus Capital NY, Inc., to lend funds for the shortfall of payment for loans and credit limit of USD 226,000 thousand.
- 9) SK E&S LNG, LLC, one of the subsidiaries, is scheduled to be provided with liquefaction service amounting to 115 million MMBtu per year for 20 years from FLNG Liquefaction 3, LLC, Which plans to operate natural gas liquefaction plants in Texas starting from 2019. As of June 30, 2019, 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.
- 10) As of June 30, 2019, the Company provides contract performance guarantees for SK Shipping Co., Ltd.'s BBCHP ship acquisition. However, considering the fair value of SK Shipping Co., Ltd.'s ship provided as collateral for the BBCHP contract, the Company believes that there is no actual guarantee amount.
- 11) The Company entered into a cash deficiency support agreement with Abrasax Investment Inc., a subsidiary of Alchemy Acquisition Corp., 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 11 blank notes as collateral in relation to sales and other transactions as of June 30, 2019.

### 30. 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.

#### 30.1 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.

#### 30.1.1 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.

### 30.1.2 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 June 30, 2019 and December 31, 2018 are as follows (Korean won in millions, and USD, EUR and Others in thousands):

		June 30, 2019			December 31, 2018			
		Foreign	k	Korea won	Foreign	ŀ	Korea won	
	Currency	currencies	6	<u>equivalent</u>	currencies		equivalent	
Assets	USD	31,580	₩	36,532	11,114	₩	12,426	
	EUR	754		992	1,326		1,695	
	Others			8,639			8,650	
			₩	46,163		₩	22,771	
Liabilities	USD	2,022	₩	2,339	2,546	₩	2,847	
	EUR	-		-	9		11	
	Others			289			956	
			₩	2,628		₩	3,814	

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):

	June 30, 2019				December 31, 2018			2018
	Inc	rease by	Decrease by		Increase by		Decrease by	
	10%		10%		10%		10%	
Increase (decrease) in income before tax expense	₩	4,354	₩	(4,354)	₩	1,896	₩	(1,896)

#### 30.1.3 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.

#### 30.2 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 assets.

The carrying amount of financial assets represents the maximum credit exposure. The maximum exposure to credit risk as of June 30, 2019 and December 31, 2018 are as follows and for cash and cash equivalents, credit risk exposure is low (Korean won in millions):

		June 30, 2019	<u>December 31, 2018</u>
Short-term and long-term financial instruments	₩	197,603	₩ 128,510
Trade receivables		341,777	354,128
Other receivables		1,365	1,858
Accrued income		182	118
Long-term investment securities		269,135	162,869
Short-term and long-term guarantee deposits		21,594	21,186
Short-term and long-term lease receivable		55,599	-
Short-term and long-term loan		397	397
Financial derivatives asset		176,399	176,027
	$\overline{\mathbb{W}}$	1,064,051	₩ 845,093

## 30.2.1 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.

## 30.2.2 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.

## 30.3 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 June 30, 2019 is as follows. Amounts include interests paid and presented at gross amounts (Korean won in millions):

		Contractual	Less than			More than
	Book value	cash flow	3 months	3-12 months	1-5 years	5 years
Borrowings	₩ 670,000	₩ 672,072 ₩	₹ 672,072	₩ -	₩ -	₩ -
Bonds payable	6,300,398	6,826,311	320,561	904,836	4,498,980	1,101,934
Financial derivatives liabilities	240,476	240,476	305	-	240,171	-
Trade accounts payable	87,256	87,256	87,256	-	-	-
Lease liabilities	104,625	108,221	15,156	44,252	46,624	2,189
Other liabilities	135,195	135,195	110,387	19,230	5,578	<u>=</u>
	₩ 7,537,950	₩ 8,069,531 ₩	<del>∀</del> 1,205,737	₩ 968,318	₩ 4,791,353	₩ 1,104,123

## 30.4 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 *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 58.38% as of June 30, 2019. 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 June 30, 2019 and December 31, 2018 are as follows (Korean won in millions):

	<u>J</u> I	June 30, 2019	
Total liabilities	W	8,187,376	₩ 8,208,532
Total equity		14,024,564	13,168,136
Debt ratio		58.38%	62.34%

## 31. Business combination

(1) Details of significant information related to merger for the six months ended June 30, 2018 are as follows:

	Details
Existing company after the acquisition	SK Holdings Co., Ltd.
Extinct company after the acquisition	SK Maritime Co., Ltd.
Effective date	March 1, 2018
Registration date	March 5, 2018
Purpose	Management efficiency
Ratio of acquisition	Ordinary shares of SK Holdings Co., Ltd. : ordinary shares of SK Maritime Co., Ltd.
	= 1.0000000:0.0000000

(2) Details of adjustments related to merger for the six months ended June 30, 2018 are as follows (Korean won in millions):

		Amount	
Consideration transferred:	₩		332,400
Identifiable assets and liabilities:			
Current assets			100
Cash and cash equivalents			4
Other receivables			96
Non-current assets			21,696
Long-term investment securities			37
Investments in subsidiaries			21,659
Net assets			21,796
Capital surplus:			310,604

## 32. Subsequent events

## 32.1 Interim dividend

The Company declared to pay interim dividend in accordance with the resolution of the Board of Directors on July 23, 2019 as follows:

	Details
Amount of interim dividend	₩1,000 per share (total amount of dividend: ₩56,389 million)
Ratio of dividend to market value	0.4% (ordinary shares), 0.7% (preferred shares)
Basic date for dividend	June 30, 2019
Date of dividend payment	Within August 22, 2019 by Commercial Act Article 464-2 (1)