

SK Inc. and its subsidiaries

Interim condensed consolidated financial statements for the nine-month periods ended September 30, 2021 and 2020 with the independent auditor's review report

Table of contents

Report on review of interim condensed consolidated financial statements

Interim condensed consolidated financial statements	Page
Interim condensed consolidated statements of financial position	1
Interim condensed consolidated statements of comprehensive income	2
Interim condensed consolidated statements of changes in equity	4
Interim condensed consolidated statements of cash flows	6
Notes to the interim condensed consolidated financial statements	7



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

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

Report on review of interim condensed consolidated financial statements

The Shareholders and Board of Directors SK Inc.

We have reviewed the accompanying interim condensed consolidated financial statements of SK Inc. (the "Company") and its subsidiaries (collectively referred to as the "Group"), which comprise the interim condensed consolidated statement of financial position as of September 30, 2021, and the related interim condensed consolidated statements of comprehensive income for the three-month and nine-month periods ended September 30, 2021 and 2020, interim condensed consolidated statements of changes in equity and interim condensed consolidated statements of cash flows for the nine-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 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 interim condensed consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's responsibility

Our responsibility is to express a conclusion on these interim condensed 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") and, consequently, 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 prepared, 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, 2020, 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 (not presented herein) in accordance with KGAAS, and our report dated March 12, 2021 expressed an unqualified opinion thereon. The accompanying consolidated statement of financial position as of December 31, 2020, presented for comparative purposes, is not different, in all material respects, from the above audited consolidated statement of financial position.

November 15, 2021

Einst Joung Han Young

This review report is effective as of November 15, 2021, 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 modifications to this review report.

SK Inc. and its subsidiaries										
Interim condensed consolidated financial statements for the nine-month periods ended September 30, 2021 and 2020										
"The accompanying interim condensed consolidated financial statements, including all footnotes and disclosures,										
have been prepared by, and are the responsibility of, the Group."										

		Kore	an won		Translation into U.S. dollar (Note 2)			
		September 30,		September 30,				
	Notes	2021 (Unaudited)	December 31, 2020	2021 (Unaudited)	December 31, 2020			
Assets								
Current assets:								
Cash and cash equivalents	5	₩ 13,098,674	₩ 10,096,940	\$ 11,054,666	\$ 8,521,344			
Short-term financial instruments	5, 32	6,855,475	4,483,815	5,785,699	3,784,129			
Trade receivables, net	5, 6, 27, 32, 34	10,880,924	8,871,416	9,182,989	7,487,059			
Other receivables, net	5, 27, 31, 34	2,349,356	1,631,397	1,982,746	1,376,823			
Inventories, net	7, 32	9,780,946	6,179,497	8,254,659	5,215,206			
Short-term investment securities	5, 8, 32, 34	113,108	150,669	95,458	127,158			
Other current assets	5, 18, 19, 32, 34	5,072,730	4,674,218	4,281,146	3,944,821			
Assets held for sale Total current assets	29	1,506,818 49,658,031	1,964,345 38,052,297	1,271,684 41,909,047	1,657,815 32,114,355			
Total current assets		40,000,001	00,002,201	41,505,047	02,114,000			
Noncurrent assets:								
Long-term financial instruments	5, 32	32,454	13,708	27,390	11,569			
Long-term trade receivables, net	5, 6, 27, 34	354,133	274,789	298,872	231,909			
Long-term other receivables, net	5, 27, 31, 34	336,709	341,099	284,167	287,872			
Long-term investment securities	5, 8, 32, 34	6,659,553	4,356,009	5,620,350	3,676,267			
Investments in associates and joint ventures	9, 32	26,097,411	21,018,963	22,024,990	17,739,018			
Property, plant and equipment, net	10, 32	49,182,768	45,895,594	41,507,948	38,733,728			
Right-of-use assets, net	11	4,700,629	6,178,480	3,967,110	5,214,347			
Investment property, net	12, 32	1,107,720	569,156	934,864	480,341			
Goodwill	13	5,467,965	4,463,951	4,614,706	3,767,365			
Intangible assets, net	14	11,170,173	12,029,112	9,427,102	10,152,006			
Deferred tax assets	E 40 40 07 04	823,198	1,165,308	694,740 2,928,796	983,465			
Other non-current assets Total non-current assets	5, 18, 19, 27, 34	3,470,328 109,403,041	3,306,496 99,612,665	92,331,035	2,790,526 84,068,414			
Total assets		₩ 159,061,072	₩ 137,664,962	\$ 134,240,082	\$ 116,182,769			
Liabilities and equity Liabilities								
Current liabilities:								
Short-term borrowings	5, 15, 34	₩ 7,522,619	₩ 6,201,430	\$ 6,348,737	\$ 5,233,716			
Trade payables	5, 27, 34	8,195,892	6,061,576	6,916,948	5,115,686			
Other payables	5, 27, 34	5,693,275	5,727,171	4,804,857	4,833,464			
Provisions	16	611,327	634,979	515,931	535,892			
Current portion of long-term debt	5, 15, 34	6,789,497	6,216,778	5,730,017	5,246,669			
Other current liabilities	5, 18, 19	11,176,270	12,075,462	9,432,247	10,191,123			
Liabilities held for sale	29	57,241	295,301	48,309	249,220			
Total current liabilities		40,046,121	37,212,697	33,797,046	31,405,770			
Noncurrent liabilities:								
Bonds payable and long-term borrowings	5, 15, 34	43,759,019	36,843,510	36,930,559	31,094,195			
Long-term trade payables	5, 27, 34	-	712	-	601			
Long-term other payables	5, 34	1,763,511	1,168,784	1,488,321	986,399			
Defined benefit liabilities	17	688,006	436,965	580,645	368,778			
Provisions	16	573,866	302,422	484,316	255,230			
Deferred tax liabilities		5,330,457	4,569,245	4,498,656	3,856,228			
Other non-current liabilities	5, 18, 19, 27, 34	5,354,077	5,270,709	4,518,590	4,448,231			
Total non-current liabilities		57,468,936	48,592,347	48,501,087	41,009,662			
Total liabilities		97,515,057	85,805,044	82,298,133	72,415,432			
Equity								
Equity attributable to owners of the parent:								
Issued capital	1, 20	15,385	15,385	12,984	12,984			
Other paid-in capital	20	6,958,395	5,250,146	5,872,559	4,430,877			
Retained earnings	20	12,886,479	12,496,676	10,875,584	10,546,608			
Other components of equity	20	799,006	(327,163)	674,324	(276,110)			
Total equity attributable to owners of the parent		20,659,265	17,435,044	17,435,451	14,714,359			
Non-controlling interests		40,886,750	34,424,874	34,506,498	29,052,978			
Total equity		61,546,015	51,859,918	51,941,949	43,767,337			
Total liabilities and equity		₩ 159,061,072	₩ 137,664,962	\$ 134,240,082	\$ 116,182,769			

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

					Korea	n wo	on		
		September 30, 2021 (Unaudited)					Septembe (Unau		
	Notes		ree-month	N	line-month	T	hree-month		line-month
Sales Cost of sales	4, 27 24, 27	₩	25,563,175 22,551,602	₩	71,218,696 62,686,362	₩	19,719,061 17,960,224	₩	61,649,374 58,072,296
Gross profit			3,011,573		8,532,334		1,758,837		3,577,078
Selling and administrative expenses	21, 24, 27	7	1,454,452		4,212,983		1,334,618		3,943,800
Operating profit (loss)	4		1,557,121		4,319,351		424,219		(366,722)
Finance income Finance costs Gain on investments in associates and joint ventures, net Other non-operating income Other non-operating expenses Profit from continuing operations	22 22 9 23 23		1,012,129 1,550,666 653,442 267,768 225,649 1,714,145		2,474,045 3,831,316 1,370,627 1,853,288 1,404,242 4,781,753		753,092 781,220 187,814 421,043 107,488	_	3,961,842 4,577,341 556,032 1,367,916 812,278
before income tax expense									
Income tax expense(benefit) from continuing operations	25		770,125		1,916,628		(25,117)		7,878
Profit for the period from continuing operations	4		944,020		2,865,125		922,577		121,571
Profit for the period from discontinued operation	28	_	47,342		258,044		294	_	85,790
Profit for the period Attributable to:		₩_	991,362	₩	3,123,169	₩	922,871	₩	207,361
Owners of the parent Non-controlling interests			16,024 975,338		749,255 2,373,914		506,797 416,074		330,288 (122,927)
Other comprehensive income (loss): Items that will not be reclassified to profit or loss in subsequent periods (net of tax): Remeasurement gain (loss) on defined benefit plans Net gain on valuation of financial assets at FVOCI Items that may be reclassified to profit or loss			27,553 328,005		17,075 1,077,649		8,042 181,890		(44,681) 318,472
in subsequent periods (net of tax): Equity adjustments of investments in associates and joint ventures			63,233		333,729		(84,679)		(37,334)
Net gain on valuation of derivative financial instruments Net gain (loss) on translation of foreign operations			136,872 846,970 1,402,633		151,864 1,406,622 2,986,939	_	17,496 (316,488) (193,739)	_	43,709 280,985 561,151
Total comprehensive income for the period Attributable to:		₩	2,393,995	₩	6,110,108	₩	729,132	₩	768,512
Owners of the parent Non-controlling interests			515,862 1,878,133		1,920,332 4,189,776		387,985 341,147		554,638 213,874
Earnings (loss) per share (Korean won): Basic earnings per share Diluted earnings per share Basic earnings (loss) per share from continuing operations Diluted earnings (loss) per share from continuing operations	26	₩	290 289 (72) (72)	₩	14,259 14,230 12,138 12,113	₩	9,679 9,667 9,690 9,678	₩	6,271 6,264 5,600 5,593

(Continued)

			Septembe) er 30	30, 2020				
			(Unau	dited	d)		(Una	udited)	
	Notes	Т	hree-month	- 1	line-month		hree-month		line-month
Sales Cost of sales	4, 27 24, 27	\$	21,574,120 19,032,494	\$	60,105,238 52,904,348	\$	16,641,962 15,157,586	\$	52,029,179 49,010,293
Gross profit			2,541,626		7,200,890		1,484,376		3,018,886
Selling and administrative expenses	21, 24, 2	7	1,227,489		3,555,560		1,126,355		3,328,382
Operating profit (loss)	4		1,314,137		3,645,330		358,021		(309,496)
Finance income	22		854,189		2,087,978		635,574		3,343,609
Finance costs	22		1,308,689		3,233,451		659,313		3,863,061
Gain on investments in associates									
and joint ventures, net	9		551,474		1,156,745		158,506		469,265
Other non-operating income	23		225,984		1,564,088		355,341		1,154,457
Other non-operating expenses	23	-	190,437		1,185,114		90,715		685,525
Profit from continuing operations before income tax expense	4		1,446,658		4,035,576		757,414		109,249
Income tax expense (benefit) from continuing operations	25		649,949		1,617,544	_	(21,198)		6,649
Profit for the period from continuing operations	4		796,709		2,418,032		778,612		102,600
Gain from discontinued operation	28		39,954		217,777		248		72,403
Profit for the period		\$	836,663	\$	2,635,809	\$	778,860	\$	175,003
Attributable to: Owners of the parent			13,524		632,336		427,713		278,748
Non-controlling interests			823,139		2,003,473		351,147		(103,745)
			5_2,.55		_,,,,,,,,		221,111		(100,110)
Other comprehensive income (loss): Items that will not be reclassified to profit or loss in subsequent periods (net of tax):			00.050				0.707		(07.700)
Remeasurement gain (loss) on defined benefit plans Net gain on valuation of financial assets at FVOCI			23,253 276,821		14,410 909,485		6,787 153,507		(37,709) 268,775
Items that may be reclassified to profit or loss in subsequent periods (net of tax):			270,021		909,400		133,307		200,113
Equity adjustments of investments in associates and joint ventures			53,366		281,652		(71,465)		(31,508)
Net gain on valuation of derivative financial instruments			115,514		128,166		14,766		36,888
Net gain (loss) on translation of foreign operations			714,803		1,187,123		(267,101)		237,138
			1,183,757		2,520,836		(163,506)		473,584
Total comprehensive income for the period Attributable to:		\$	2,020,420	\$	5,156,645	<u>\$</u>	615,354	\$	648,587
Owners of the parent			435,364		1,620,671		327,442		468,087
Non-controlling interests			1,585,056		3,535,974		287,912		180,500
Earnings (loss) per share (U.S. dollar):	26								
Basic earnings per share		\$	0.24	\$	12.03	\$	8.17	\$	5.29
Diluted earnings per share			0.24		12.01		8.16		5.29
Basic earnings (loss) per share from continuing operations			(0.06)		10.24		8.16		5.29
Diluted earnings (loss) per share from continuing operations			(0.06)		10.22		8.18		4.73

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

SK Inc. and its subsidiaries Interim condensed consolidated statements of changes in equity for the nine-month periods ended September 30, 2021 and 2020 (Korean won in millions)

(Norsan Herrin Hilling)	Issu	ed capital	pai	Other d-in capital		Retained earnings		Other components of equity	at	Total equity stributable to wners of the parent	No	n-controlling interests	Т	otal equity
As of January 1, 2020	₩	15,385	₩	4,074,176	₩	12,556,584	₩	37,624	₩	16,683,769	₩	35,492,263	₩	52,176,032
Total comprehensive income:														
Loss for the period		_		-		330,288		-		330,288		(122,927)		207,361
Remeasurement loss on defined benefit plans		_		-		(26,359)		-		(26,359)		(18,322)		(44,681)
Net gain on valuation of financial instruments at FVOCI		_		_		-		110,779		110,779		207,693		318,472
Equity adjustments of investments in associates								-,		,		,,,,,,		,
and joint ventures		_		_		_		(55,366)		(55,366)		18,032		(37,334)
Net gain (loss) on valuation of derivative								(,)		(,)		,		(==,===)
financial instruments		_		_		_		53,714		53,714		(10,005)		43,709
Net gain on translation of foreign operations		_		_		_		141,582		141,582		139,403		280,985
Transaction with shareholders recognized directly to equity:								111,002		111,002		100,100		200,000
Dividends		_		_		(264,372)		_		(264,372)		(922,837)		(1,187,209)
Equity transactions within consolidated entities		_		1,148,232		(204,012)		_		1,148,232		350,866		1,499,098
Changes in the scope of consolidation		_		1,140,202		_		_		1,140,202		(2,008)		(2,008)
Others		_		(768)		(1,252)		_		(2,020)		1,189		(831)
As of September 30, 2020 (Unaudited)	W.	15,385	₩	5,221,640	₩	12,594,889	₩	288,333	₩	18,120,247	₩	35,133,347	₩	53,253,594
7.0 01 00ptombol 00, 2020 (Omadanou)		.0,000		0,221,010		12,00 1,000	<u> </u>	200,000		10,120,217		00,100,011		00,200,00
As of January 1, 2021	₩	15,385	₩	5,250,146	₩	12,496,676	₩	(327,163)	₩	17,435,044	₩	34,424,874	₩	51,859,918
Total comprehensive income:														
Profit for the period		-		-		749,255		-		749,255		2,373,914		3,123,169
Remeasurement gain on defined benefit plans		-		-		6,133		-		6,133		10,942		17,075
Net gain on valuation of financial instruments at FVOCI		-		-		38,775		187,850		226,625		851,024		1,077,649
Equity adjustments of investments in associates														
and joint ventures		_		-		-		97,473		97,473		236,256		333,729
Net gain (loss) on valuation of derivative								,		,		•		•
financial instruments		_		_		_		(220)		(220)		152,084		151,864
Net gain on translation of foreign operations		_		_		_		841,066		841,066		565,556		1,406,622
Transaction with shareholders recognized directly to equity:								,		,		,		,,-
Dividends		_		_		(396,563)		_		(396,563)		(786,209)		(1,182,772)
Equity transactions within consolidated entities		_		1,707,445		(555,555)		_		1,707,445		2,914,723		4,622,168
Changes in the scope of consolidation		_		.,,,,,,,,,		_		_				142,848		142,848
Others		_		804		(7,797)		_		(6,993)		738		(6,255)
As of September 30, 2021 (Unaudited)	₩	15,385	₩	6,958,395	₩	12,886,479	₩	799,006	₩	20,659,265	₩	40,886,750	₩	61,546,015
10 01 00ptombol 00, Lot (officialities)	<u> </u>	10,000	<u> </u>	0,000,000	<u> </u>	. =,000, =10		100,000		20,000,200	<u> </u>	.0,000,100	<u> </u>	51,0 1 0,010

(Continued)

SK Inc. and its subsidiaries Interim condensed consolidated statements of changes in equity for the nine-month periods ended September 30, 2021 and 2020 (cont'd)

(U.S. dollar in thousands)

	Issued cap	ital	Othe	-		Retained earnings		Other components of equity	at	Total equity tributable to wners of the parent	No	on-controlling interests	т	otal equity
As of January 1, 2020	\$ 12,	984	\$ 3,43	8,413	\$	10,597,168	\$	31,753	\$	14,080,318	\$	29,953,805	\$	44,034,123
Total comprehensive income:						_		_						_
Loss for the period		-		-		278,748		-		278,748		(103,745)		175,003
Remeasurement loss on defined benefit plans		-		-		(22,246)		-		(22,246)		(15,463)		(37,709)
Net gain on valuation of financial instruments at FVOCI		-		-		-		93,492		93,492		175,283		268,775
Equity adjustments of investment in														
associates and joint ventures		_		-		-		(46,726)		(46,726)		15,218		(31,508)
Net gain (loss) on valuation of derivative								, ,		, ,		•		, , ,
financial instruments		_		_		-		45,332		45,332		(8,444)		36,888
Net gain on translation of foreign operations		_		_		-		119,489		119,489		117,650		237,139
Transaction with shareholders recognized directly to equity:								,		,		•		,
Dividends		-		-		(223,118)		_		(223,118)		(778,831)		(1,001,949)
Equity transactions within consolidated entities		-	96	9,054		-		-		969,054		296,114		1,265,168
Changes in the scope of consolidation		-		-		-		-		-		(1,695)		(1,695)
Others				(648)		(1,057)				(1,705)		1,003		(702)
As of September 30, 2020 (Unaudited)	\$ 12,	984	\$ 4,40	6,819	\$	10,629,495	\$	243,340	\$	15,292,638	\$	29,650,895	\$	44,943,533
As of January 1, 2021	\$ 12,9	84	\$ 4,43	0,877	\$	10,546,608	\$	(276,110)	\$	14,714,359	\$	29,052,978	<u>\$</u>	43,767,337
Total comprehensive income:														
Profit for the period		-		-		632,336		-		632,336		2,003,472		2,635,808
Remeasurement gain on defined benefit plans		-		-		5,176		-		5,176		9,235		14,411
Net gain on valuation of financial instruments at FVOCI		-		-		32,725		158,537		191,262		718,224		909,486
Equity adjustments of investments in associates		-		-		-		82,263		82,263		199,389		281,652
and joint ventures														
Net gain (loss) on valuation of derivative														
financial instruments		-		-		-		(186)		(186)		128,352		128,166
Net gain on translation of foreign operations		-		-		-		709,820		709,820		477,303		1,187,123
Transaction with shareholders recognized directly to equity:										(a		/ ··		(
Dividends		-		-		(334,681)		-		(334,681)		(663,524)		(998,205)
Equity transactions within consolidated entities		-	1,44	1,003		-		-		1,441,003		2,459,889		3,900,892
Changes in the scope of consolidation		-		-		(0.500)		-		(5.004)		120,557		120,557
Others	Φ 40.4	-	ф го	679	Φ.	(6,580)	_			(5,901)	Φ.	623	_	(5,278)
As of September 30, 2021 (Unaudited)	\$ 12,9	1 84	\$ 5,87	2,559	\$	10,875,584	<u>\$</u>	674,324	<u>\$</u>	17,435,451	\$	34,506,498	<u>\$</u>	51,941,949

		For the nine-month periods ended September 30									
		Korea	ın won	Translation into U.S. dollar (Note 2)							
	Notes	2021 (Unaudited)	2020 (Unaudited)	2021 (Unaudited)	2020 (Unaudited)						
Cash flows from operating activities:				·							
Profit for the period		₩ 3,123,169	₩ 207.361	\$ 2.635.808	\$ 175.003						
Non-cash adjustments	30	6,705,341	5.840.825	5,658,993	4,929,382						
Working capital adjustments	30	(4,270,812)	2.047.637	(3,604,365)	1,728,110						
Interest received	00	124,811	122,795	105,335	103.633						
Interest paid		(1,074,265)	(1,061,881)	(906,629)	(896,178)						
Dividends received		261,835	242,300	220,976	204,490						
Income tax paid		(1,693,908)	(1,017,934)	(1,429,579)	(859,089)						
Net cash provided by operating activities		3,176,171	6,381,103	2,680,539	5,385,351						
Cash flows from investing activities:											
Decrease (increase) in short-term and long-term											
financial instruments, net		(2,394,541)	465,841	(2,020,880)	393,148						
Decrease (increase) in short-term and long-term loans, net		76,978	(7,354)	64,966	(6,206)						
Decrease in short-term investment securities		31,677	33,915	26,734	28,623						
Proceeds from disposal of long-term investment securities		267,176	80,357	225,484	67,818						
Proceeds from disposal of investments in associates and joint ventures		176,481	2,592,847	148,942	2,188,241						
Proceeds from disposal of property, plant and equipment		254,531	127,420	214,812	107,537						
Proceeds from disposal of intangible assets		73,134	23,423	61,722	19,768						
Proceeds from disposal of assets held for sale		509,762	-	430,215	-						
Acquisition of long-term investment securities		(923,968)	(639,614)	(779,786)	(539,804)						
Acquisition of investments in associates and joint ventures		(3,564,803)	(836,487)	(3,008,526)	(705,956)						
Acquisition of property, plant and equipment		(6,025,397)	(6,790,141)	(5,085,152)	(5,730,560)						
Acquisition of intangible assets		(290,710)	(333,977)	(245,346)	(281,861)						
Net changes in cash due to changes		(437,980)	(1,011,464)	(369,635)	(853,628)						
in the scope of consolidation											
Acquisition of business		(31,720)	(998,031)	(26,770)	(842,291)						
Transfer of business		-	1,269,922	-	1,071,755						
Others, net		1,221,980	(83,919)	1,031,294	(70,824)						
Net cash used in investing activities		(11,057,400)	(6,107,262)	(9,331,926)	(5,154,240)						
Cash flows from financing activities:											
Increase in short-term borrowings, net		1,235,041	1,007,836	1,042,317	850,566						
Increase in bonds payable and borrowings		11,512,220	9,539,569	9,715,773	8,050,949						
Decrease in bonds payable and borrowings		(5,439,619)	(5,316,563)	(4,590,783)	(4,486,930)						
Decrease in long-term other payables		(426,462)	(427,596)	(359,914)	(360,871)						
Decrease in lease liabilities		(896,056)	(750,697)	(756,229)	(633,553)						
Payment of dividends		(1,197,693)	(1,190,706)	(1,010,797)	(1,004,900)						
Cash inflows from equity transactions within											
consolidated entities		5,538,718	759,292	4,674,418	640,807						
Others, net		101,229	(19,527)	85,433	(16,480)						
Net cash provided by financing activities		10,427,378	3,601,608	8,800,218	3,039,588						
Net increase in cash and cash equivalents		2,546,149	3,875,449	2,148,831	3,270,699						
Net foreign exchange effects		367,054	18,914	309,775	15,963						
Cash and cash equivalents included in assets held for sale		88,531	-	74,716	-						
Cash and cash equivalents at the beginning of the period		10,096,940	7,981,755	8,521,344	6,736,227						
Cash and cash equivalents at the end of the period		₩ 13,098,674	₩ 11,876,118	<u>\$ 11,054,666</u>	\$ 10,022,889						

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

1. Corporate information

1.1 Parent Company

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

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

As of September 30, 2021, the issued capital of the Company amounts to $$\mathbb{W}$15,385$ million (including \mathbb{W}113 million of preferred shares). Major shareholders and their equity ownership are Tae-won Chey, National Pension Service and Ki-won Choi each holding 18.44%, 8.16% and 6.85%, respectively, as of September 30, 2021.$

1.2 Consolidated subsidiaries

The Company and its subsidiaries (collectively, the "Group") are engaged in petroleum refining, telecommunications, wholesale and retail, chemicals, construction and other industries. Subsidiaries whose accounts are included in the consolidated financial statements as of September 30, 2021 are as follows:

				Equity ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
SK Innovation Co., Ltd. (*2)	Korea	Resource development	SK Inc.	33.40%
SK Energy Co., Ltd.	Korea	Crude oil refining and sales	SK Innovation Co., Ltd.	100.00%
Netruck Co., Ltd.	Korea	Transportation and oil sales	SK Energy Co., Ltd.	100.00%
Jeju United FC Corporation	Korea	Sports association sponsoring	SK Energy Co., Ltd.	100.00%
Háppy Didim Co., Ltd.	Korea	Service	SK Energy Co., Ltd.	100.00%
Green & Co. Asia Ltd.	Myanmar	Manufacturing	SK Energy Co., Ltd.	80.00%
SK Energy Road Investment Co., Ltd.	Cayman	Investment	SK Energy Co., Ltd.	100.00%
SK Energy Hong Kong Co., Ltd.	Hong Kong	Investment	SK Energy Co., Ltd.	100.00%
SK Energy Road Investment (HK) Co., Ltd.	Hong Kong	Investment	SK Energy Road Investment Co., Ltd.	100.00%
SK Asphalt (Shanghai) Co., Ltd.	China	Logistics	SK Energy Road Investment (HK) Co., Ltd.	100.00%
goodsFLOW Co., Ltd. (*2)	Korea	Service	SK Energy Co., Ltd.	41.00%
goodsCORE Co., Ltd.	Korea	Service	goodsFLOW Co., Ltd.	100.00%
goodsPOST Co., Ltd.	Korea	Transportation industry	goodsFLOW Co., Ltd.	100.00%
opengarden Co., Ltd.	Korea	Service	goodsFLOW Co., Ltd.	100.00%
SK Geo Centric Co., Ltd. (formerly, SK Global Chemical Co., Ltd.)	Korea	Petrochemicals manufacturing and sales	SK Innovation Co., Ltd.	100.00%
SK Global Chemical (China) Holding Co., Ltd.	China	Investment	SK Geo Centric Co., Ltd.	100.00%
, , ,			(formerly, SK Global Chemical Co., Ltd.)	
SK Global Chemical China Limited	Hong Kong	Investment	SK Geo Centric Co., Ltd.	100.00%
	3 3		(formerly, SK Global Chemical Co., Ltd.)	
Sino-Korea Green New Material (JiangSu) Ltd.	China	Petrochemicals sales	SK Global Chemical China Limitied	100.00%
SK Global Chemical International Trading (Shanghai) Co., Ltd.	China	Petrochemicals sales	SK Global Chemical China Limitied	100.00%
SK Global Chemical International Trading (Guangzhou) Co., Ltd.	China	Petrochemicals sales	SK Global Chemical China Limited	100.00%
SK GC Americas. Inc.	USA	Petrochemicals sales	SK Geo Centric Co., Ltd.	100.00%
on commence, me.	00/1	1 out of the thind out	(formerly, SK Global Chemical Co., Ltd.)	100.0070
SK Primacor Americas LLC	USA	Petrochemicals sales	SK GC Americas. Inc.	100.00%
SK Primacor Europe, S.L.U.	Spain	Petrochemicals sales	SK GC Americas, Inc.	100.00%
SK Saran Americas, LLC	USA	Petrochemicals sales	SK GC Americas, Inc.	100.00%
SK Geo Centric Japan Co., Ltd.	Japan	Petrochemicals sales	SK Geo Centric Co., Ltd.	100.00%
(formerly, SK Global Chemical Japan Co., Ltd.)	Japan	i etrochemicals sales	(formerly, SK Global Chemical Co., Ltd.)	100.0070
SK Geo Centric Singapore Pte. Ltd.	Singapore	Petrochemicals sales	SK Geo Centric Co., Ltd.	100.00%
(formerly, SK Global Chemical Singapore Pte. Ltd.)	Olligapore	i etrochemicals sales	(formerly, SK Global Chemical Co., Ltd.)	100.0070
SK Global Chemical Investment Hong Kong Ltd.	Hong Kong	Investment	SK Geo Centric Co., Ltd.	100.00%
or Global Chemical Investment Hong Rong Etc.	riong Rong	IIIVestillerit	(formerly, SK Global Chemical Co., Ltd.)	100.0070
Ningbo SK Performance Rubber Co., Ltd.	China	Synthetic rubber manufacturing	SK Global Chemical Investment Hong Kong Ltd.	80.00%
Happymoeum Co., Ltd.	Korea	Service	SK Geo Centric Co., Ltd.	100.00%
паррушовин со., ши.	Notea	Service	(formerly, SK Global Chemical Co., Ltd.)	100.0070
SK Functional Polymer, S.A.S	France	Petrochemicals sales	SK Geo Centric Co., Ltd.	100.00%
SK Fullctional Polymer, S.A.S	France	Petrochemicals sales	(formerly, SK Global Chemical Co., Ltd.)	100.00%
Green & Connect Capital, Inc.	USA	Investment	SK Geo Centric Co., Ltd.	100.00%
Green & Connect Capital, Inc.	USA	investment	(formerly, SK Global Chemical Co., Ltd.)	100.00 /0
SK Incheon Petrochem Co., Ltd.	Korea	Petrochemicals manufacturing and sales	SK Innovation Co., Ltd.	100.00%
SK Trading International Co., Ltd.	Korea	Trading business	SK Innovation Co., Ltd.	100.00%
SK Frading International Co., Etc. SK Energy International Pte. Ltd.	Singapore	Trading business Trading business	SK Trading International Co., Ltd.	100.00%
SK Energy Europe, Ltd.	UK	Trading business Trading business	SK Energy International Pte. Ltd.	100.00%
SK Energy Americas, Inc.	USA	Trading business Trading business	SK Energy International Pte. Ltd. SK Energy International Pte. Ltd.	100.00%
SK Terminal B.V.	Netherlands	Investment	SK Energy International Pte. Ltd.	100.00%
SK Lubricants Co., Ltd.	Korea	Lubricants oil manufacturing and sales	SK Innovation Co., Ltd.	60.00%
	Korea			70.00%
Yubase Manufacturing Asia Corporation	China	Lubricants oil processing	SK Lubricants Co., Ltd. SK Lubricants Co., Ltd.	100.00%
SK Energy Lubricants (Tianjin) Co., Ltd. SK Lubricants Americas, Inc.	USA	Lubricants oil manufacturing and sales Lubricants oil sales		
	Netherlands	Lubricants oil sales Lubricants oil sales	SK Lubricants Co., Ltd.	100.00%
SK Lubricants Europe B.V.			SK Lubricants Co., Ltd.	100.00% 100.00%
SK Lubricants Japan Co., Ltd. SK Lubricants & Oils India Pvt. Ltd.	Japan India	Lubricants oil sales	SK Lubricants Co., Ltd.	100.00%
Sk Lubricants & Oils India Pvt. Ltd. Iberian Lube Base Oils. S.A.		Lubricants oil sales	SK Lubricants Co., Ltd.	70.00%
	Spain Russia	Lubricants oil manufacturing and sales	SK Lubricants Co., Ltd.	100.00%
SK Lubricants Russia, LLC		Lubricants oil sales	SK Lubricants Co., Ltd.	100.00%
SK ie technology Co., Ltd.	Korea	Plastic film manufacturing	SK Innovation Co., Ltd.	01.20%

				Equity
Subsidiaries	Domicile	Principal business activity	The largest shareholders	ownership (*1)
SK Hi-tech Battery Materials(Jiang Su) Co., Ltd.	China	Separation membrane for secondary battery manufacturing	SK ie technology Co., Ltd.	100.00%
SK Hi-tech Battery Materials Poland Sp. Zo.o.	Poland Korea	Separation membrane for secondary battery manufacturing	SK ie technology Co., Ltd.	100.00% 100.00%
SK Mobile Energy Co., Ltd. Yancheng Yandu District M Energy Consulting Limited Company	China	Lithium battery manufacturing Service / manufacturing service	SK Innovation Co., Ltd. SK Mobile Energy Co., Ltd.	100.00%
Mobile Energy Battery America, LLC	USA	Lithium battery manufacturing	SK Mobile Energy Co., Ltd.	100.00%
SK Innovation Insurance (Bermuda), Ltd.	Bermuda	Insurance	SK Innovation Co., Ltd.	100.00%
SK USA, Inc.	USA	Management consulting services	SK Innovation Co., Ltd.	100.00%
Super Seed NY, LLC	USA	Investment	SK USA, Inc.	100.00%
Blue Dragon Energy Co., Limited	Hong Kong	Investment	SK Innovation Co., Ltd.	100.00%
Jiangsu SK Battery Certification Center	China	Lithium battery certification and evaluation	Blue Dragon Energy Co., Limited	100.00%
SK Battery Hungary Kft.	Hungary	Lithium battery manufacturing	SK Innovation Co., Ltd.	100.00%
SK Battery America, Inc.	USA	Lithium battery manufacturing	SK Innovation Co., Ltd.	100.00%
SK Battery Manufacturing Kft.	Hungary	Lithium battery manufacturing	SK Innovation Co., Ltd.	100.00%
Happy Kium Co., Ltd.	Korea	Service	SK Innovation Co., Ltd.	100.00%
SK Future Energy (Shanghai) Co., Ltd.	China USA	Battery sales	SK Innovation Co., Ltd.	100.00% 100.00%
SK E&P Company, Ltd. SK E&P America, Inc.	USA	Crude oil development Investment	SK Innovation Co., Ltd.	100.00%
	USA	Crude oil development	SK Innovation Co., Ltd.	100.00%
SK Plymouth, LLC	USA		SK E&P America, Inc. SK E&P America, Inc.	100.00%
SK E&P Operations America, LLC	USA	Crude oil development Crude oil development	SK E&P America, Inc. SK E&P America, Inc.	100.00%
SK Nemaha, LLC SK Battery(Jiangsu) Co., Ltd.	China	Lithium battery manufacturing	SK Innovation Co., Ltd.	70.01%
	China	Lithium battery manufacturing	SK Innovation Co., Ltd.	100.00%
SK Battery(Yancheng) Co., Ltd. SK Telecom Co., Ltd. (*2)	Korea	Mobile telecommunications	SK Inc.	30.01%
SK Telink Co., Ltd.	Korea	International call and MVNO business	SK Telecom Co., Ltd.	100.00%
SK Broadband Co., Ltd.	Korea	Wire communications	SK Telecom Co., Ltd.	74.34%
Home&Service Co., Ltd.	Korea	Information and communication facilities	SK Broadband Co., Ltd.	100.00%
		management business		
Media S Co., Ltd.	Korea	Broadcasting program production and supplying	SK Broadband Co., Ltd.	100.00%
Broadband Nowon Broadcasting Corporation	Korea	Broadcasting business	SK Telecom Co., Ltd.	100.00%
SK Stoa Co., Ltd.	Korea	Other resale communication business	SK Telecom Co., Ltd.	100.00%
PS&Marketing Corp.	Korea	Resale communication business	SK Telecom Co., Ltd.	100.00%
Serviceace Co., Ltd.	Korea	Call center and telemarketing business	SK Telecom Co., Ltd.	100.00%
Service Top Co., Ltd.	Korea	Call center and telemarketing business	SK Telecom Co., Ltd.	100.00%
SK O&S Co., Ltd.	Korea	Base station maintenance management	SK Telecom Co., Ltd.	100.00%
One store Co., Ltd. (*2,3)	Korea	Telecommunication service	SK Telecom Co., Ltd.	48.41%
Rok media Co., Ltd.	Korea	Publishing and Telecommunications Sales	One store Co., Ltd.	100.00%
SK Communications Co., Ltd.	Korea	Internet portal service	SK Telecom Co., Ltd.	100.00%
11street Co., Ltd. (*4)	Korea	E-commerce	SK Telecom Co., Ltd.	98.10%
Quantum Innovation Private Equity Joint Venture	Korea	Investment	SK Telecom Co., Ltd.	59.90%
Panasia Semiconductor Materials, LLC	Korea	Investment	Quantum Innovation Private Equity Joint Venture	66.42%
SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.) (*5)	Korea	Information security service and automatic security	SK Telecom Co., Ltd.	100.00%
CAPSTEC Co., Ltd.	Korea	Manned security	SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.)	100.00%
SK infosec Information Technology (Wuxi) Co., Ltd.	China	System software development and supplying	SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.)	100.00%
CAPS America Inc.	USA	System software development and supplying	SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.)	100.00%
SK Planet Co., Ltd.	Korea	Telecommunication service and system software development and supplying	SK Telecom Co., Ltd.	98.65%
SK M & Service Co., Ltd.	Korea	Database and online information supplying	SK Planet Co., Ltd.	100.00%
SK Planet Global Holdings Pte, Ltd.	Singapore	Holding company	SK Planet Co., Ltd.	100.00%
SKP America, LLC	USA	Digital contents sourcing and presenting	SK Planet Co., Ltd.	100.00%
K-Net Culture & Contents Venture Fund	Korea	Investment fund	SK Planet Co., Ltd.	59.00%
SK Telecom China Holdings Co., Ltd.	China	Holding company	SK Telecom Co., Ltd.	100.00%
SK Global Healthcare Business Group, Ltd.	Hong Kong	Investment	SK Telecom Co., Ltd.	100.00%
SKT Americas, Inc.	USA	Management consulting	SK Telecom Co., Ltd.	100.00%
*	- =	and information gathering	- ,	
YTK Investment Ltd.	Cayman	Investment	SK Telecom Co., Ltd.	100.00%
Atlas Investment Ltd.	Cayman	Investment	SK Telecom Co., Ltd.	100.00%
SK Telecom Innovation Fund, L.P.	USA	Investment	Atlas Investment Ltd.	100.00%
SK Telecom China Fund I L.P.	Cayman	Investment	Atlas Investment Ltd.	100.00%
SK Telecom TMT investment Corp.	USA	Investment	SK Telecom Co., Ltd.	100.00%
Dreamus Company Co., Ltd. (*2)	Korea	Video and audio equipment manufacturing	SK Telecom Co., Ltd.	41.78%
Iriver Enterprise Ltd.	Hong Kong	Chinese subsidiary management	Dreamus Company Co., Ltd.	100.00%
Iriver China Co., Ltd.	China	MP3,4 production and sales	Iriver Enterprise Ltd.	100.00%
Dongguan iriver Electronics Co., Ltd.	China	Electronic book production and sales	Iriver Enterprise Ltd.	100.00%
Life Design Company Japan Inc.	Japan	Japan goods sales	Dreamus Company Co., Ltd.	100.00%
Studio Dolphin Co., Ltd.	Korea	Publishing	Dreamus Company Co., Ltd.	100.00%
SK Telecom Japan Inc.	Japan	Management consulting and information gathering	SK Telecom Co., Ltd.	100.00%
SK Planet Japan, K. K.	Japan	Digital contents sourcing and presenting	SK Telecom Japan Inc.	79.78%
ld Quantique SA	Swiss	Quantum information and commutication business	SK Telecom Co., Ltd.	69.30%
ld Quantique Ltd.	Korea	Quantum information and commutication business	Id Quantique SA	100.00%
FSK L&S Co., Ltd.	Korea	Cargo transport shipment and logistics consulting project	SK Telecom Co., Ltd.	60.00%
FSK L&S(Shanghai) Co., Ltd.	China	Transportation industry	FSK L&S Co., Ltd.	100.00%
FSK L&S(Hungary) Co., Ltd.	Hungary	Transportation industry	FSK L&S Co., Ltd.	100.00%
FSK L&S Vietnam Co., Ltd.	Vietnam	Transportation industry	FSK L&S Co., Ltd.	100.00%
FSK L&S(Jiangsu) Co., Ltd.	China	Transportation industry	FSK L&S Co., Ltd.	100.00%
Incross Co., Ltd. (*2)	Korea	Media agency	SK Telecom Co., Ltd.	34.60%

				Equity Ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
Infra Communications Co., Ltd.	Korea	Service operation business	Incross Co., Ltd.	100.00%
Mindknock Co., Ltd.	Korea	Software development	Incross Co., Ltd.	100.00%
Happy Hanool Co., Ltd.	Korea	Service	SK Telecom Co., Ltd.	100.00%
SK MENA Investment B.V.	Netherlands	Investment	SK Telecom Co., Ltd.	100.00%
SK Latin America Investment S.A.	Spain	Investment	SK Telecom Co., Ltd.	100.00%
SK Technology Innovation Company	Cayman	Research and development	SK Telecom Co., Ltd.	96.88%
Tmap Mobility Co., Ltd. (*6)	Korea	Information and communication industry	SK Telecom Co., Ltd.	66.26%
YLP Inc.	Korea	Cargo transport shipment business	Tmap Mobility Co., Ltd.	100.00%
Good service Co., Ltd	Korea	Driving agency service	Tmap Mobility Co., Ltd.	100.00%
SK Networks Co., Ltd. (*2)	Korea	Distribution and trading business	SK Inc.	39.14%
SK Networks Service Co., Ltd.	Korea	Communications equipment	SK Networks Co., Ltd.	86.50%
SK Magic Co., Ltd.	Korea	repair service Household appliances manufacturing,	SK Networks Co., Ltd.	100.00%
SK Magic Service Co., Ltd.	Korea	sales and rent House appliances repair and others	SK Magic Co., Ltd.	100.00%
SK Magic Vietnam Company Limited	Vietnam	Household appliances sales and rent	SK Magic Co., Ltd.	100.00%
SK Networks Retails Malaysia Sdn. Bhd.	Malaysia	Household appliances sales and rent	SK Magic Co., Ltd.	100.00%
SK Rent-a-Car Co., Ltd.	Korea	Car rental	SK Networks Co., Ltd.	72.95%
SK Rent-a-Car Service Co., Ltd.	Korea	Business support services	SK Rent-a-Car Co., Ltd.	100.00%
SK Networks (Shanghai) Co., Ltd.	China	Trading business	SK Networks Co., Ltd.	100.00%
POSK (Pinghu) Steel Processing Center Co., Ltd. SK Networks Japan Co., Ltd.	China Japan	Steel processing and sales Trading business	SK Networks Co., Ltd. SK Networks Co., Ltd.	80.00% 100.00%
SK Networks Deutschland GmbH	Germany	Trading business	SK Networks Co., Ltd.	100.00%
SK BRASIL LTDA	Brazil	Trading business	SK Networks Co., Ltd.	100.00%
SK Networks Trading Malaysia Sdn. Bhd.	Malaysia	Trading business	SK Networks Co., Ltd.	100.00%
SK Networks America, Inc.	USA	Trading business	SK Networks Co., Ltd.	100.00%
SK NETWORKS BRASIL INTERMEDIACAO DE NEGOCIOS LTDA.	Brazil	Trading business	SK Networks Co., Ltd.	100.00%
Networks Tejarat Pars	Iran	Trading business	SK Networks Co., Ltd.	100.00%
MINTIT Co., Ltd. MINTIT VINA	Korea Vietnam	Resale communication business Resale communication business	SK Networks Co., Ltd. SK Networks Co., Ltd.	100.00% 100.00%
TenX Capital	USA	Investment	SK Networks Co., Ltd.	100.00%
SK Networks Hong Kong Ltd.	Hong Kong	Trading business	SK Networks Co., Ltd.	100.00%
SK Networks (Xiamen) Steel Processing Center Co., Ltd.	China	Steel processing and sales	SK Networks Hong Kong Ltd.	100.00%
SK (Guangzhou) Metal Co., Ltd. (*7)	China	Steel processing and sales	SK Networks Hong Kong Ltd.	100.00%
SK Networks Resources Australia (Wyong) Pty Ltd. (*7)	Australia	Resource development	SK Networks Co., Ltd.	100.00%
SK Networks Resources Pty Ltd. (*7) SK Networks (China) Holdings Co., Ltd. (*7)	Australia	Resource development Holding company	SK Networks Co., Ltd.	100.00% 100.00%
Shenyang SK Bus Terminal Co., Ltd. (*7)	China China	Bus terminal business	SK Networks Co., Ltd. SK Networks (China) Holdings Co., Ltd.	75.00%
SK Networks (Liaoning) Logistics Co., Ltd. (*7)	China	Distribution and logistics	SK Networks (China) Holdings Co., Ltd.	100.00%
SK Networks (Dandong) Energy Co., Ltd. (*7)	China	Petroleum sales	SK Networks (China) Holdings Co., Ltd.	100.00%
Cartini Co., Ltd.	Korea	E-commerce retail business	SK Networks Co., Ltd.	100.00%
SKC Co., Ltd. (*2)	Korea	Petrochemicals manufacturing	SK Inc.	40.64%
Woori Fine Chem Co., Ltd. SK Telesys Co., Ltd.	Korea Korea	Petrochemicals manufacturing Communications equipment manufacturing and sales	SKC Co., Ltd. SKC Co., Ltd.	100.00% 81.40%
Techdream Co., Ltd. SKC Solmics Co., Ltd.	Hong Kong Korea	Semiconductor component Semiconductor component manufacturing	SK Telesys Co., Ltd. SKC Co., Ltd.	100.00% 100.00%
Solmics Taiwan Co., Ltd.	Taiwan	Semiconductor component distribution	SKC Solmics Co., Ltd.	100.00%
Solmics Shanghai Co., Ltd.	China	Semiconductor component distribution	SKC Solmics Co., Ltd.	100.00%
SKC Solmics Hong Kong Co., Ltd.	Hong Kong	Special purpose company	SKC Solmics Co., Ltd.	100.00%
SKC Semiconductor Materials (Wuxi) Co., Ltd. SKC (Jiangsu) High tech Plastics Co., Ltd.	China China	Semiconductor material cleaning Film manufacturing	SKC Solmics Co., Ltd. SKC Co., Ltd.	100.00% 100.00%
SKC, Inc.	USA	Manufacturing	SKC Co., Ltd.	100.00%
SKC Europe GmbH	Germany	Sales	SKC Co., Ltd.	100.00%
SKC Hi-Tech&Marketing Co., Ltd.	Korea	Film manufacturing	SKC Co., Ltd.	100.00%
SKC Hi-Tech&Marketing (Suzhou) Co., Ltd.	China	Film manufacturing	SKC Hi-Tech&Marketing Co., Ltd.	100.00%
SKC Hi-Tech&Marketing Polska SP.Z.O.O	Poland	Film manufacturing	SKC Hi-Tech&Marketing Co., Ltd.	100.00%
SKC Hi-Tech&Marketing USA LLC SKC Hi-Tech&Marketing Vina Co., Ltd.	USA Vietnam	Film manufacturing Film manufacturing	SKC Hi-Tech&Marketing Co., Ltd. SKC Hi-Tech&Marketing Co., Ltd.	100.00% 100.00%
SKC PU Specialty Co., Ltd.	Hong Kong	Special purpose company	SKC Co., Ltd.	100.00%
SKC (Nantong) PU Specialty Co., Ltd.	China	Eletronic materials manufacturing	SKC PU Specialty Co., Ltd.	100.00%
SKC-ENF Electronic Materials Ltd.	Hong Kong	Special purpose company	SKC Co., Ltd.	75.10%
SKC (Nantong) Semiconductor Materials Technology Co., Ltd.	China	Eletronic materials manufacturing	SKC-ENF Electronic Materials Ltd.	100.00%
SE (JIANGSU) Electronic Materials Co., Ltd.	China	Sales of raw chemical materials and chemical products related to semiconductor	SKC-ENF Electronic Materials Ltd.	100.00%
SK PIC Global Co., Ltd.	Korea	Petrochemicals sales	SKC Co., Ltd.	51.00%
SKCFTH Co., Ltd.	Korea	Professional, scientific	SKC Co., Ltd.	100.00%
SI/ Navilia Co. Ltd	Va	technology services Manufacturing	SKCETH Co. 1td	400.0007
SK Nexilis Co., Ltd.	Korea	Manufacturing Manufacturing	SKCFTH Co., Ltd. SK Nexilis Co., Ltd.	100.00% 100.00%
SK Nexilis Malaysia Sdn. Bhd. SK TBMGEOSTONE Co., Ltd.	Malaysia Korea	Manufacturing	SKC Co., Ltd.	51.00%
SK E&S Co., Ltd.	Korea	City gas business and power generation	SK Inc.	90.00%
Kangwon City Gas Co., Ltd.	Korea	City gas business	SK E&S Co., Ltd.	100.00%
Yeongnam Energy Service Co., Ltd.	Korea	City gas business	SK E&S Co., Ltd.	100.00%
Ko-one Energy Service Co., Ltd.	Korea	City gas business	SK E&S Co., Ltd.	100.00%
Narae Energy Service Co., Ltd. Busan City Gas Co., Ltd.	Korea Korea	Integrated energy service City gas business	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00% 67.32%
Jeonbuk Energy Service Co., Ltd.	Korea	City gas business City gas business	SK E&S Co., Ltd.	100.00%
Chonnam City Gas Co., Ltd.	Korea	City gas business	SK E&S Co., Ltd.	100.00%
Chungcheong Energy Service Co., Ltd.	Korea	City gas business	SK E&S Co., Ltd.	100.00%
Paju Energy Service Co., Ltd.	Korea	Energy business	SK E&S Co., Ltd.	51.00%
Yeoju Energy Service Co., Ltd.	Korea	Energy business	SK E&S Co., Ltd.	100.00%
Shinanjeungdo Sunlight Co., Ltd. SK E&S Hong Kong Co., Ltd.	Korea Hong Kong	New regeneration project City gas business	SK E&S Co., Ltd. SK E&S Co., Ltd., Busan City Gas Co., Ltd.	100.00% 100.00%
SK E&S Australia Pty. Ltd.	Australia	Resource development	SK E&S Co., Ltd., Busan City Gas Co., Ltd. SK E&S Co., Ltd.	100.00%
SK E&S Ameriacas, Inc.	USA	Holding company	SK E&S Co., Ltd.	100.00%
SK E&S LNG, LLC	USA	LNG business	SK E&S Americas, Inc.	100.00%
DewBlaine Energy, LLC	USA	Resource development	SK E&S Americas, Inc.	100.00%
CAILIP Gas Marketing, LLC	USA	LNG business	SK E&S Americas, Inc.	100.00%
Rnes Holdings, LLC Pnes Investments, LLC	USA USA	Renewable / electric power business Investment	SK E&S Americas, Inc. SK E&S Americas, Inc.	100.00% 100.00%
Prism Energy International China Limited	China	LNG business	SK E&S Co., Ltd.	100.00%
Prism Energy International Zhoushan Limited	China	LNG business	Prism Energy International China Limited	100.00%
			The state of the s	

•	,			Equity ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
Prism Energy International Pte. Ltd.	Singapore	LNG business	SK E&S Co., Ltd.	100.00%
Fajar Energy International Pte. Ltd. Prism Energy International Hong Kong, Ltd.	Singapore Hong Kong	LNG business LNG business	Prism Energy International Pte. Ltd.	100.00% 100.00%
PT Prism Nusantara International	Indonesia	LNG business	Prism Energy International Pte. Ltd. SK E&S Co., Ltd.	100.00%
SK E&S Dominicana S.R.L	Dominica	LNG business	SK E&S Co., Ltd.	100.00%
Hae-Ssal Solar Power Co., Ltd.	Korea	New regeneration business	SK E&S Co., Ltd.	100.00%
Prism DLNG Pte. Ltd.	Singapore	LNG business	SK E&S Co., Ltd.	100.00%
BU12 Australia Pty. Ltd. BU13 Australia Pty. Ltd.	Australia Australia	LNG business LNG business	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00% 100.00%
Energy Solution Holdings Inc.	USA	Investment	SK E&S Co., Ltd.	100.00%
Ariul Solar Power Co., Ltd.	Korea	New regeneration business	SK E&S Co., Ltd.	100.00%
Busan Jungkwan Energy Co., Ltd.	Korea	Integrated energy service	SK E&S Co., Ltd.	100.00%
IGE Co., Ltd. New&Company Two Pte. Ltd.	Korea Vietnam	Hydrogen business Wind power business	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00% 100.00%
Jeonnam II Offshore Wind Power Co., Ltd.	Korea	Integrated energy service	SK E&S Co., Ltd.	100.00%
Jeonnam III Offshore Wind Power Co., Ltd.	Korea	Integrated energy service	SK E&S Co., Ltd.	100.00%
Dangjin Haengbok Solar Co., Ltd.	Korea	New regeneration business	SK E&S Co., Ltd.	100.00%
Grid Solution, LLC	USA	New regeneration business	SK E&S Co., Ltd.	100.00%
Storage Solution, LLC SK ecoplant Co., Ltd.	USA Korea	New regeneration business Construction	Grid Solution, LLC SK Inc.	100.00% 44.48%
(formerly, SK Engineering & Construction Co., Ltd.) (*2)	Roica	Ochsidolon	SIX IIIO.	44.4070
Seosuwon Development Company (*2)	Korea	Real estate development and construction	SK ecoplant Co., Ltd.	19.90%
SKEC Nanjing Co., Ltd.	China	Construction	SK ecoplant Co., Ltd.	100.00%
SKEC (Thai), Ltd.	Thailand	Construction	SK ecoplant Co., Ltd.	100.00%
Thai Woo Ree Engineering Co., Ltd. SKEC Anadolu, LLC	Thailand Turkey	Construction Construction	SKEC (Thai), Ltd. SK ecoplant Co., Ltd.	99.77% 100.00%
SK E&C Betek Corporation	USA	Real estate development and construction	SK ecoplant Co., Ltd.	100.00%
Mesa Verde RE Ventures, LLC	USA	Real estate development	SK E&C Betek Corporation	100.00%
SKEC Consultores Ecquador, S.A.	Ecuador	Construction	SK ecoplant Co., Ltd.	100.00%
Sunlake Co., Ltd.	Canada	Construction and services	SK ecoplant Co., Ltd.	100.00%
SK HOLDCO PTE. LTD. Silvertown Investco Limited	Singapore UK	Holding company Construction	SK ecoplant Co., Ltd. SK ecoplant Co., Ltd.	63.51% 100.00%
Seongju Tech Co., Ltd.	Korea	Manufacturing	SK ecoplant Co., Ltd.	100.00%
DDS Co., Ltd.	Korea	Disposal of medical waste	SK ecoplant Co., Ltd.	100.00%
Samwon ENT Co., Ltd.	Korea	Disposal of waste	SK ecoplant Co., Ltd.	100.00%
The Eco Platform Co., Ltd. Environment Management Corporation Co., Ltd.	Korea Korea	Investment Operation of sewage treatment plant	SK ecoplant Co., Ltd. The Eco Platform Co., Ltd.	100.00% 100.00%
Maeripji Management Co., Ltd.	Korea	Investment	Environment Management Corporation Co., Ltd.	100.00%
YS TEC Co., Ltd.	Korea	Waste incineration	Maeripji Management Co., Ltd.	100.00%
Seonam Environment Energy Co., Ltd.	Korea	Waste recycling	Environment Management Corporation Co., Ltd.	100.00%
Honam Environmental Energy Co., Ltd.	Korea	Waste consignment disposal	Environment Management Corporation Co., Ltd.	100.00%
Green Hwasun Inc. Green Sunchang Co., Ltd.	Korea Korea	Operation of sewage treatment plant Operation of sewage treatment plant	Environment Management Corporation Co., Ltd. Environment Management Corporation Co., Ltd.	100.00% 100.00%
Gyeongsan Clear Mulgil Co., Ltd.	Korea	Operation of sewage treatment plant	Environment Management Corporation Co., Ltd.	65.00%
Dalseong Maleunmulgil Co., Ltd.	Korea	Operation of sewage treatment plant	Environment Management Corporation Co., Ltd.	70.00%
Goksung Environment Co., Ltd.	Korea	Operation of sewage treatment plant	Environment Management Corporation Co., Ltd.	100.00%
Environment Energy Company Co., Ltd.	Korea Korea	Electricity & renewable energy generation Waste incineration	Environment Management Corporation Co., Ltd.	100.00% 100.00%
Chungcheong Environment Energy Co., Ltd. Gyeonggi Environment Energy Co., Ltd.	Korea	Waste incineration	Environment Energy Company Co., Ltd. Environment Energy Company Co., Ltd.	100.00%
Gyeongbuk Environment Energy Co., Ltd.	Korea	Waste incineration	Environment Energy Company Co., Ltd.	100.00%
Gyeongin Environment Energy Company	Korea	Waste incineration	Environment Energy Company Co., Ltd.	100.00%
Saehan Environment Co., Ltd.	Korea	Disposal of waste	SK ecoplant Co., Ltd.	100.00%
Daewon Green Energy Co., Ltd. Daewon Hi-Teck Co., Ltd.	Korea Korea	Disposal of waste Construction waste collection	SK ecoplant Co., Ltd. Daewon Green Energy Co., Ltd.	100.00% 100.00%
Buowon in Took Co., Etc.	Roica	and transportation	Buowon Gloch Energy Go., Etc.	100.0070
KS Investment B.V.	Netherlands	Investment	SK ecoplant Co., Ltd.	72.51%
SK Materials Co., Ltd. (*2)	Korea	Special gas manufacturing and sales	SK Inc.	49.10%
SK Materials Japan Co., Ltd. SK Materials Taiwan Co., Ltd.	Japan Taiwan	Special gas sales Special gas sales	SK Materials Co., Ltd. SK Materials Co., Ltd.	95.00% 100.00%
SK Materials Jiangsu Co., Ltd.	China	Special gas manufacturing and sales	SK Materials Co., Ltd.	100.00%
SK Materials (Xian) Co., Ltd.	China	Trading business and	SK Materials Co., Ltd.	100.00%
		warehouse operation		
SK Materials (Shanghai) Co., Ltd.	China	Special gas sales	SK Materials Co., Ltd.	100.00%
SK Tri Chem Co., Ltd.	Korea	Manufacturing and sales of precursors and others	SK Materials Co., Ltd.	65.00%
SK Showa Denko Co., Ltd.	Korea	Sales of raw chemical materials and	SK Materials Co., Ltd.	51.00%
		chemical products related to		
Hanni Oamanian Oa IIII	.,	semiconductor	CK Materials Co. 111	100 222
Happy Companion Co., Ltd. SK Materials Airplus Inc.	Korea Korea	Cleaning, laundry, service Industrial gas sales	SK Materials Co., Ltd. SK Materials Co., Ltd.	100.00% 100.00%
SK Meterials Ri New Tech Co., Ltd.	Korea Korea	Industrial gas sales Industrial gas manufacturing	SK Materials Co., Ltd. SK Materials Co., Ltd.	80.00%
SK Materials Performance Co., Ltd.	Korea	Semiconductor materials	SK Materials Co., Ltd.	100.00%
		manufacturing and sales		
SK Materials JNC Co., Ltd.	Korea	Manufacturing of organic light emitting diode material	SK Materials Co., Ltd.	51.00%
SK JNC Japan Co., Ltd.	Japan	Manufacturing of organic	SK Materials JNC Co., Ltd.	100.00%
SK Siltron Co., Ltd.	Korea	light emitting diode material Silicon wafer for electronic industry	SK Inc.	51.00%
SK Siltron America, Inc.	USA	manufacturing and sales Silicon wafer for electronic industry	SK Siltron Co., Ltd.	100.00%
SK Siltron Japan, Inc.	Japan	manufacturing and sales Silicon wafer for electronic industry	SK Siltron Co., Ltd.	100.00%
	· ·	manufacturing and sales		
SK Siltron Shanghai Co., Ltd.	China	Silicon wafer for electronic industry manufacturing and sales	SK Siltron Co., Ltd.	100.00%
SK Siltron USA, Inc. SK Siltron CSS, LLC	USA USA	Investment Silicon wafer for electronic industry manufacturing and sales	SK Siltron Co., Ltd. SK Siltron USA, Inc.	100.00% 100.00%
Happyfilling Co., Ltd.	Korea	Service	SK Siltron Co., Ltd.	100.00%
SK Biopharmaceuticals Co., Ltd. (*8)	Korea	Medicine and life science	SK Inc.	64.10%
SK Life Science, Inc.	USA	Life science	SK Biopharmaceuticals Co., Ltd.	100.00%
SK Bio-Pharma Tech (Shanghai) Co., Ltd. SK S.E.Asia Pte. Ltd.	China Singapore	Life science Investment	SK Biopharmaceuticals Co., Ltd. SK Inc.	100.00% 100.00%
Essencore Limited	Hong Kong	Manufacturing and distribution of	SK S.E.Asia Pte. Ltd.	100.00%
		semiconductor modules		
Essencore (ShenZhen) Limited	China	Consulting for computer	Essencore Limited	100.00%
SK China Company, Ltd.	Hong Kong	system integration Consulting and investment	SK Inc.	88.13%
SK Bio Energy Hong Kong Co., Ltd.	Hong Kong	Biomass electricity generation	SK China Company, Ltd.	69.40%

				Equity ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
SK Property Investment Management Co., Ltd.	Hong Kong	Real estate investment	SK China Company, Ltd.	100.00%
SK Industrial Development China Co., Ltd.	Hong Kong	Investment	SK China Company, Ltd.	100.00%
Beijing Lizhi Weixin Technology Co., Ltd. Shanghai SKY Real Estate Development Co., Ltd.	China China	Investment Real estate investment	SK China Company, Ltd. SK Industrial Development China Co., Ltd.	100.00% 100.00%
SK China Investment Management Co., Ltd.	Hong Kong	Real estate investment	SK China Company, Ltd.	100.00%
SK International Agro-Products Logistics Development Co., Ltd.	Hong Kong	Agriculture product logistics	SK China Investment Management Co., Ltd.	100.00%
SK International Agro-Sideline Products Park Co., Ltd.	China	Agriculture product logistics	SK International Agro-Products Logistics	100.00%
SK Auta Sandaa Hana Kana Ca I tal	Hong Kong	Halding company	Development Co., Ltd.	100.00%
SK Auto Service Hong Kong Co., Ltd. Skyline Auto Financial Leasing Co., Ltd.	Hong Kong Hong Kong	Holding company Investment	SK China Company, Ltd. SK Auto Service Hong Kong Co., Ltd.	100.00%
SK Financial Leasing Co., Ltd.	China	Financial lease	SK Auto Service Hong Kong Co., Ltd.	100.00%
SK China (Beijing) Co., Ltd.	China	Consulting	SK China Company, Ltd.	100.00%
SKY Property Management Ltd.	Virgin Islands		SK China Company, Ltd.	100.00%
SKY Investment Co., Ltd. SK China Real Estate Co., Ltd.	China Hong Kong	Real estate management Real estate investment	SK China Company, Ltd. SKY Property Management Ltd.	100.00% 100.00%
SK C&C Beijing Co., Ltd.	China	Consulting for computer	SK Inc.	100.00%
		system integration and others		
SK C&C Chengdu Co., Ltd.	China	Consulting for computer	SK C&C Beijing Co., Ltd.	100.00%
SK C&C India Pvt. Ltd.	India	system integration and others	SK Inc.	100.00%
SK C&C IIIula FVI. Ltu.	iliula	Consulting for computer system integration and others	SK IIIC.	100.00 /6
SK C&C USA, Inc.	USA	Consulting for computer	SK Inc.	100.00%
		system integration and others		
S&G Technology	Saudi	Consulting for computer	SK Inc.	51.00%
Satura Agricultura Investment Co. Ltd.	Arabia Hong Kong	system integration and others Investment	SK Inc.	81.00%
Saturn Agriculture Investment Co., Ltd. SK Investment Management Co., Ltd.	Hong Kong	Investment	SK Inc.	100.00%
SK Mobility Investments Company Limited	Hong Kong	Investment	SK Investment Management Co., Ltd.	100.00%
SK Semiconductor Investments Co., Ltd.	Hong Kong	Investment management	SK Investment Management Co., Ltd.	100.00%
Gemini Partners Pte. Ltd.	Singapore	Consulting	SK Inc., SK Innovation Co., Ltd.,	80.00%
Solaris Partners Pte. Ltd.	Singapore	Consulting	SK Telecom Co., Ltd., and SK E&S Co., Ltd. Gemini Partners Pte. Ltd.	100.00%
Solaris GEIF Investment	USA	Investment	Solaris Partners Pte. Ltd.	100.00%
SK GI Management	Cayman	Investment	SK Inc.	100.00%
Plutus Capital NY, Inc.	USA	Investment	SK Inc.	100.00%
Hudson Energy NY, LLC	USA	Investment	Plutus Capital NY, Inc.	50.13%
Hudson Energy NY II, LLC	USA USA	Investment Investment	Plutus Capital NY, Inc. Plutus Capital NY, Inc.	50.00% 50.50%
Hudson Energy NY III, LLC Grove Energy Capital LLC	USA	Investment	Plutus Capital NY, Inc. Plutus Capital NY, Inc., Pnes Investments, LLC	100.00%
Plutus Capital NY II, Inc	USA	Investment	SK Inc.	100.00%
Grove Energy Capital II, LLC	USA	Investment	Plutus Capital NY II, Inc	100.00%
Plutus Fashion NY, Inc.	USA	Fashion	SK Inc.	100.00%
Wonderland NY, Inc. Atlas NY, LLC	USA USA	Investment Investment	Plutus Fashion NY, Inc. Plutus Fashion NY, Inc.	100.00% 61.24%
SK South East Asia Investment Pte. Ltd.	Singapore	Investment	SK Inc., SK Innovation Co., Ltd.,	80.00%
or oddir Eddir told in oddinon i to. Etd.	ogaporo		SK Telecom Co., Ltd. and SK E&S Co., Ltd.	00.0070
SK Investment Vina I Pte. Ltd.	Singapore	Investment	SK South East Asia Investment Pte. Ltd.	50.01%
SK Investment Vina II Pte. Ltd.	Singapore	Investment	SK South East Asia Investment Pte. Ltd.	50.01%
SK Investment Vina III Pte. Ltd. MSN Investment Pte. Ltd.	Singapore Singapore	Investment Investment	SK South East Asia Investment Pte. Ltd. SK Investment Vina III Pte. Ltd.	100.00% 100.00%
SK Investment Vina IV Pte. Ltd.	Singapore	Investment	SK South East Asia Investment Pte. Ltd.	100.00%
SK Malaysia Investment I Pte. Ltd.	Singapore	Investment	SK South East Asia Investment Pte. Ltd.	100.00%
SK Pharmteco Inc.	USA	Investment	SK Inc.	100.00%
SK Biotek Co., Ltd.	Korea	Drug medicine	SK Pharmteco Inc.	100.00%
SK BIOTEK IRELAND LIMITED SK BIOTEK USA, Inc.	Ireland USA	Pharmaceutical manufacturing Medicine and life science	SK Pharmteco Inc. SK Pharmteco Inc.	100.00% 100.00%
Crest Acquisition LLC	USA	Investment	SK Pharmteco Inc.	100.00%
Yposkesi, SAS	France	Medicine manufacturing	Crest Acquisition LLC	70.00%
Abrasax Investment Inc.	USA	Investment	SK Pharmteco Inc.	100.00%
Fine Chemicals Holdings Corp.	USA	Investment	Abrasax Investment Inc.	100.00%
AMPAC Fine Chemicals, LLC AMPAC Fine Chemicals Texas, LLC	USA USA	Drug medicine Drug medicine	Fine Chemicals Holdings Corp. AMPAC Fine Chemicals, LLC	100.00% 100.00%
AMPAC Fine Chemicals Virginia, LLC	USA	Drug medicine	AMPAC Fine Chemicals, LLC	100.00%
Golden Pearl EV Solutions Limited	Hong Kong	Investment	SK Inc.	100.00%
Socar Mobility Malaysia, Sdn. Bhd.	Malaysia	Car sharing service	SK Inc.	66.27%
Future Mobility Solutions Sdn. Bhd. PT Future Mobility Solutions	Malaysia Indonesia	Online brokerage services for car rental Online brokerage services for car rental	Socar Mobility Malaysia, Sdn. Bhd. Socar Mobility Malaysia, Sdn. Bhd.	100.00% 100.00%
Einstein Cayman Limited	Cayman	Investment	SK Inc.	100.00%
I Cube Capital Inc.	USA	Investment	SK Inc.	100.00%
I Cube Capital Hong Kong 1. LP Limited.	Hong Kong	Investment	I Cube Capital Inc.	100.00%
Tellus Investment Partners, Inc. (formerly, I Cube Capital II, Inc.)	USA	Investment	SK Inc.	100.00%
Primero Protein LLC	USA	Investment	Tellus Investment Partners, Inc. (formerly, I Cube Capital II, Inc.)	67.55%
Terra LLC	USA	Investment	Tellus Investment Partners, Inc.	100.00%
			(formerly, I Cube Capital II, Inc.)	
Castanea Bioscience Inc.	USA	Investment	SK Inc.	100.00%
SK Forest Co., Ltd.	Korea	Landscaping and planting business	SK Inc.	100.00%
Hweechan Co., Ltd. SK Pinx Co., Ltd.	Korea Korea	Condo, resort operation Golf club operating	SK Inc. Hweechan Co., Ltd.	100.00% 100.00%
SK REITs Co., Ltd. (*9)	Korea	Real estate developing and trading	SK Inc.	50.00%
Clean Energy REITs Co., Ltd.	Korea	Real estate developing and trading	SK REITs Co., Ltd.	100.00%
SK REITs Management Co., Ltd.	Korea	Real estate developing and trading	SK Inc.	100.00%
SK Japan Investment Inc.	Japan	Investment	SK Inc., SKC Co., Ltd., SK Materials Co., Ltd.,	100.00%
SIGNET EV Inc. (*10)	Korea	Electric vehicle charger	and SK Siltron Co., Ltd. SK Inc.	0.00%
SIGNET EV IIIC. (10)	Notea	manufacturing and selling	OK IIIO.	0.00%
SIGNET Energy Inc.	Korea	Electric vehicle charger maintenance	SIGNET EV Inc.	100.00%
SIGNET EV America Inc.	USA	Electric vehicle charger maintenance	SIGNET EV Inc.	100.00%
		and technical support		

- (*1) The equity ownership is based on ordinary shares and includes indirect investments held by the consolidated subsidiaries.
- (*2) SK Innovation Co., Ltd. and 10 other companies are included in the interim condensed consolidated financial statements as the Company is able to exercise de facto control. The remaining voting rights of SK Innovation Co., Ltd. and 10 other companies are widely dispersed, so it is determined that the Company has voting rights to exercise de facto control.
- (*3) Although the Group's equity interests for common stock in One store Co., Ltd. is 48.41%, as the preferred stocks with voting rights are issued, the equity interests with voting rights are 47.49%.
- (*4) Although the Group's equity interests for common stock in 11street Co., Ltd. is 98.10%, as the preferred stocks with voting rights are issued, the equity interests with voting rights are 80.26%.
- (*5) ADT Caps Co., Ltd. and SK Infosec Co., Ltd., the subsidiaries of the Group, merged on March 4, 2021, and the name of the entity after the merger is SK Shieldus Co., Ltd. Although the Group's equity interests for common stock in SK Shieldus Co., Ltd. is 100.00%, as the preferred stocks with voting rights are issued, the equity interests with voting rights are 62.60%.
- (*6) There was an unequal paid-in capital increase during the nine-month period ended September 30, 2021, resulted in a share ratio change from 100.00% to 66.26%.
- (*7) The assets and liabilities of SK Networks Resources Australia (Wyong) Pty Ltd. and 6 other companies are classified as assets and liabilities held for sale (see Note 29 assets and liabilities held for sale).
- (*8) During the nine-month period ended September 30, 2021, some of the stocks were sold, and the share ratio changed from 75.00% to 64.10%.
- (*9) There was an unequal paid-in capital increase during the nine-month period ended September 30, 2021, resulted in a share ratio change from 100.00% to 50.00%.
- (*10) Although the Group's equity interests for common stock in SIGNET EV Inc. is 0.00%, as the preferred stocks with voting rights are issued, the equity interests with voting rights are 53.38%.

1.3 Changes in consolidated subsidiaries

Changes in the consolidated subsidiaries for the nine-month period ended September 30, 2021 are as follows:

December 31, 2020	Inclusion	Exclusion	September 30, 2021
325	58	17	366

For the nine-month period ended September 30, 2021, subsidiaries newly included in consolidation are as follows:

Subsidiaries Reasons for changes
Sino-Korea Green New Material (Jiangsu) Ltd.
Green & Connect Capital, Inc.
Yancheng Yandu District M Energy Consulting Limited Company

SK Battery(Yancheng) Co., Ltd. Media S Co., Ltd. CAPS America Inc.

FSK L&S(Jiangsu) Co., Ltd. Cartini Co., Ltd.

SK Nexilis Malaysia Sdn. Bhd. SK TBMGEOSTONE Co., Ltd.

Pnes Investments, LLC

IGE Co., Ltd.

New&Company Two Pte. Ltd.

Jeonnam II Offshore Wind Power Co., Ltd.

Jeonnam III Offshore Wind Power Co., Ltd.

Dangjin Haengbok Solar Co., Ltd.

Grid Solution, LLC

Storage Solution, LLC

SK JNC Japan Co., Ltd.

1.3 Changes in consolidated subsidiaries (cont'd)

Subsidiaries Reasons for changes SK C&C USA, Inc. SK Mobility Investments Company Limited Grove Energy Capital LLC Plutus Capital NY II, Inc Grove Energy Capital II, LLC MSN Investment Pte. Ltd. SK Investment Vina IV Pte. Ltd. SK Malaysia Investment I Pte. Ltd. I Cube Capital Hong Kong 1. LP Limited. Terra LLC Castanea Bioscience Inc. SK REITs Co., Ltd. Clean Energy REITs Co., Ltd. SK REITs Management Co., Ltd. SK Japan Investment Inc. goodsFLOW Co., Ltd. Acquisition and others goodsCORE Co., Ltd. (23 companies) goodsPOST Co., Ltd. opengarden Co., Ltd. Rok Media Co., Ltd. Studio Dolphin Co., Ltd. YLP Inc. Good service Co., Ltd. Busan Jungkwan Energy Co., Ltd. Seongju tech Co., Ltd. DDS Co., Ltd. Samwon ENT Co., Ltd. YS TEC Co., Ltd. Saehan Environment Co., Ltd. Daewon Green Energy Co., Ltd. Daewon Hi-Teck Co., Ltd. KS Investment B.V. Yposkesi, SAS Hana Land Chip PEF 33 SIGNET EV Inc. SIGNET Energy SIGNET EV America Inc. OOWO Co., Ltd.

For the nine-month period ended September 30, 2021, subsidiaries excluded from consolidation are as follows:

Subsidiaries Reasons for changes Ningbo SK Baoying Asphalt Storage Co., Ltd. Disposal Hefei SK Baoying Asphalt Co., Ltd. (11 companies) Chongqing SK Asphalt Co., Ltd. OOWO Co., Ltd. SKC-Eco Solutions Co., Ltd. SK TNS Co., Ltd. SKC INFRA SERVICE Co., Ltd. SK (Shenyang) auto rental Co., Ltd. SK (Beijing) auto rental Co., Ltd. SK Rent-A-Car (Qingdao) Co., Ltd. Shenyang SK Networks Energy Co., Ltd. SK Networks Middle East FZE Liquidation SKC Hi-Tech&Marketing Taiwan Co., Ltd. (4 companies) SK Permian, LLC Hana Land Chip PEF 33 Formerly, ADT Caps Co., Ltd. Merger within consolidated entities (1 company) **UT LLC** Change to Equity Method (1 company)

1.4 Condensed financial information of significant consolidated subsidiaries

Details of condensed financial information of the significant subsidiaries as of and for the nine-month period ended September 30, 2021 are as follows (Korean won in millions):

	Total	Total		Net income
Subsidiaries	assets	liabilities	Sales	(loss)
SK Innovation Co., Ltd.	₩ 21,229,780	₩ 5,583,744	₩ 3,108,549	₩ 1,601,722
SK Energy Co., Ltd.	14,297,154	10,547,215	18,421,936	306,109
SK Geo Centric Co., Ltd. (formerly, SK Global Chemical Co., Ltd.)	6,116,821	3,040,245	6,815,949	221,668
SK Incheon Petrochem Co., Ltd.	5,233,294	3,596,756	4,285,438	58,596
SK Trading International Co., Ltd.	1,435,929	847,831	5,715,949	262,516
SK Lubricants Co., Ltd.	2,518,356	1,520,982	2,415,375	514,824
SK ie technology Co., Ltd.	2,628,491	429,476	322,143	77,244
SK Global Chemical International Trading (Shanghai) Co., Ltd.	176,432	116,097	1,021,312	12,924
SK Hi-tech Battery Materials(Jiang Su) Co., Ltd.	944,303	583,965	153,475	42,445
SK Energy International Pte. Ltd.	2,437,509	1,825,195	15,238,860	10,079
SK Energy Americas, Inc.	433,050	347,742	2,718,269	(1,047)
SK Energy Europe, Ltd.	175,215	89,842	1,753,624	(1,846)
SK Telecom Co., Ltd.	32,167,422	14,555,144	9,029,726	808,417
SK Broadband Co., Ltd.	5,993,591	3,179,293	2,995,339	168,454
SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.) (*1)	3,157,344	2,824,856	1,117,220	10,912
11street Co., Ltd.	940,586	546,982	391,826	(38,563)
SK Planet Co., Ltd.	506,907	187,577	196,696	(2,728)
PS&Marketing Corp.	451,779	235,974	1,039,678	3,185
SK Networks Co., Ltd.	6,197,117	4,173,125	6,058,468	73,909
SK Magic Co., Ltd.	1,163,122	806,310	792,231	51,326
SK Rent-a-Car Co., Ltd.	2,578,168	2,087,423	775,057	30,493
SKC Co., Ltd.	3,094,192	1,054,387	388,456	85,147
SK PIC Global Co., Ltd.	664,267	327,775	802,473	189,174
SK E&S Co., Ltd.	6,801,478	4,051,952	536,292	226,400
Yeongnam Energy Service Co., Ltd.	388,494	163,544	474,490	20,287
Ko-one Energy Service Co., Ltd.	609,045	269,444	682,392	13,347
Busan City Gas Co., Ltd.	1,125,954	281,563	647,484	31,963
Chungcheong Energy Service Co., Ltd.	278,405	149,062	361,130	16,026
Paju Energy Service Co., Ltd.	1,770,325	1,118,023	844,895	58,566
Narae Energy Service Co., Ltd.	1,362,893	882,166	452,060	19,095
SK ecoplant Co., Ltd. (formerly, SK Engineering & Construction Co., Ltd.)	6,392,289	5,429,296	5,169,227	158,386
The Eco Platform Co., Ltd. (*2)	1,296,184	849,105	305,990	2,334
SK Materials Co., Ltd. (*2)	2,328,278	1,640,903	849,158	187,558
SK Siltron Co., Ltd. (*2)	3,439,725	2,205,062	1,337,950	115,261
SK Biopharmaceuticals Co., Ltd.	553,479	99,509	287,999	97,517
SK REITs Co., Ltd.	1,403,816	631,707	9,446	2,189

^(*1) The summary of financial information of SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.) is consolidated financial information, and it includes profit and loss prior to the former ADT Caps Co., Ltd.'s merger.

^(*2) The condensed financial information is consolidated financial information.

1.5 Disclosure of significant non-controlling interests in subsidiaries

Information about significant non-controlling interests in subsidiaries as of and for the nine-month period ended September 30, 2021 is as follows (Korean won in millions):

	September 30, 2021								
			·			SK			
	SK Innovation	SK Telecom	SK Networks	SKC	SK E&S	ecoplant			
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.			
Percentage of the non-controlling ownership	63.05%	69.61%	55.57%	56.95%	10.00%	54.99%			
Current assets	₩ 22,318,544	₩ 9,319,567	₩ 3,239,785 ₩	1,469,926 ₩	2,604,298 ₹	₹ 4,210,749			
Non-current assets	26,641,629	42,357,918	6,358,321	4,403,257	10,125,234	3,484,228			
Current liabilities	13,310,425	8,380,517	4,051,906	1,659,062	2,934,924	3,736,541			
Non-current liabilities	16,328,045	16,113,147	3,176,303	1,993,587	5,604,884	2,693,449			
Net assets	19,321,703	27,183,821	2,369,897	2,220,534	4,189,724	1,264,987			
Book value of the non-controlling interests	12,977,560	18,118,605	1,385,730	1,351,861	1,712,005	828,153			
Sales	32,659,907	14,566,229	8,111,465	2,458,448	5,279,394	5,724,150			
Net income	346.085	2.104.183	123,445	323.459	343.564	248,289			
Total comprehensive income	990,673	3,482,915	159,849	359,522	548,808	357,574			
Net income of the non- controlling interests	83,082	1,147,206	55,313	224,346	85,939	147,077			
Total comprehensive income of the non-controlling interests	403,872	2,119,949	76,686	244,078	89,235	211,740			
Net cash flows from operating activities	(957,563)	3,682,545	374,654	144,223	626,479	(406,972)			
Net cash flows from investing activities	(3,620,830)	(2,708,498)	(51,163)	(196,151)	(1,956,524)	(250,804)			
Net cash flows from financing activities before dividends paid to the non- controlling interests	5,629,091	(250,814)	220,624	78,897	1,106,927	941,661			
Dividends paid to the non- controlling interests	(18,828)	(612,789)	(14,579)	(44,861)	(73,021)	(10,964)			
Net increase (decrease) in cash and cash equivalents	1,031,870	110,444	529,536	(17,892)	(296,139)	272,921			

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

2. Basis of preparation and summary of significant accounting policies

2.1 Basis of preparation

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

The interim condensed consolidated financial statements do not include all the information and disclosures required in the annual financial statements, and should be read in conjunction with the Group's annual financial statements as of December 31, 2020.

The accompanying interim condensed consolidated financial statements are stated in Korean won, the currency of the country in which the Group 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 consolidated financial statements and has been made at the rate of $\mathbb{W}1,184.90$ 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 nine-month period ended September 30, 2021. Such translations into U.S. dollars should not be construed as representations that the Korean won amounts could be converted into U.S. dollars at that or any other rate.

2.2 Significant accounting policies

The significant accounting policies used for the preparation of the accompanying the interim condensed consolidated financial statements as of and for the nine-month period ended September 30, 2021, are the same as the accounting policies adopted for the preparation of consolidated financial statements as of and for the year ended December 31, 2020, except for adoption of new and revised KIFRSs applied in the current period, which are summarized below.

2.2.1 New and revised KIFRSs adopted in the current period

The Group has applied amendments to KIFRS issued that are mandatorily effective for accounting periods beginning on or after January 1, 2021.

KIFRS 1109 Financial Instruments, KIFRS 1039 Financial Instruments: Recognition and Measurement, KIFRS 1107 Financial Instruments: Disclosures, KIFRS 1104 Insurance Contracts and KIFRS 1116 Leases (Amended)

The amendments provide exception not to recognize gains or losses on remeasurement of financial instruments when the replacement of interest rate benchmark for financial instruments measured at amortized cost meets certain requirements that do not change their economic substance. It also includes exceptions to hedge accounting when certain conditions are met if replacements to interest rate benchmark occur in the hedging relationship. The amendments do not have any material impact on the Group's financial position or management performance.

Basis of preparation and summary of significant accounting policies (cont'd)

2.2.2 New and revised KIFRS issued, but not yet effective

KIFRS 1001 Presentation of Financial Statements (Amended)

The amendments affect only the presentation of liabilities in the statement of financial position and clarify that the classification of liabilities as current or non-current should be based on rights that are in existence at the end of the reporting period and clarify that classification is unaffected by expectations about whether an entity will exercise its right to defer settlement of a liability. The amendments explain that the right exists if the borrowing arrangement is complied with at the end of the reporting period and clarify that settlement refers to the transfer of cash, equity instruments, other assets or services to the counterparty. The Group plans to apply the standard for annual reporting period beginning on or after January 1, 2023, with early application permitted.

KIFRS 1037 Provisions, Contingent Liabilities and Contingent Assets (Amended)

The amendments clarify that the costs that relate directly to a contract to provide goods or services include both incremental costs and an allocation of costs directly related to contract activities. The Group plans to apply the standard for annual reporting period beginning on or after January 1, 2022, with early application permitted.

KIFRS 1016 Property, Plant and Equipment (Amended)

The amendments prohibit deducting from the cost of an item of property, plant and equipment any proceeds from selling items produced while bringing that asset to the location and condition necessary for it to be capable of operating in the manner intended by management. Instead, an entity recognizes the proceeds from selling such items, and the cost of producing those items, in profit or loss. The Group plans to apply the standard for annual reporting period beginning on or after January 1, 2022, and an entity should apply the amendments retrospectively to items of property, plant and equipment that are brought to the location and condition necessary for them to be capable of operating in the manner intended by management on or after the beginning of the earliest period presented in the financial statements.

KIFRS 1103 Business Combinations (Amended)

The amendments update KIFRS 1103 so that the definition of assets and liabilities to be recognized in a business combination is referred to the 2018 Conceptual Framework and add an exception that, for transactions and other events within the scope of KIFRS 1037 *Provisions, Contingent Liabilities and Contingent Assets* or KIFRS 2121 *Levies*, an acquirer applies KIFRS 1037 or KIFRS 2121 and clarify that contingent assets are not recognized on the acquisition date. The Group plans to apply the standard for annual reporting period beginning on or after January 1, 2022, with early application permitted.

KIFRS 1116 Leases (Amended)

The application of the practical expedient, which provides relief to lessees from applying KIFRS 1116 guidance on lease modification accounting for rent concessions arising as a direct consequence of the COVID-19 pandemic has been extended to lease reductions affecting the lease payments before June 30, 2022. A lessee should consistently apply practical expedients to similar contracts with similar characteristics. The Group plans to apply the other amendments for annual reporting period beginning on or after April 1, 2021, with early application permitted.

2. Basis of preparation and summary of significant accounting policies (cont'd)

2018-2020 Annual improvements to KIFRS

The annual improvements include some amendments to KIFRS 1101 First-time Adoption of KIFRS, KIFRS 1109 Financial Instruments, KIFRS 1116 Leases and KIFRS 1041 Agriculture. The amendments to KIFRS 1116 are relevant only to illustrative examples and thus the effective date for the amendment was not specified. The Group plans to apply the other amendments for annual reporting period beginning on or after January 1, 2022, with early application permitted.

The Group is reviewing the possible effects of the above listed amendments on the consolidated financial statements.

The Group changed its accounting policies relating to its determination of lease term in accordance with the interpretation of the 'Lease Term and Useful Life of Leasehold Improvements' published by the IFRS Interpretations Committee on December 16, 2019. In this regard, financial information for the ninemonth period ended September 30, 2020, presented for comparative purposes, has been restated.

Adjustments based on the changes in accounting policies in the interim condensed consolidated financial statements are as follows:

(1) Interim condensed consolidated statements of financial position (Korean won in millions)

			September 30	0, 2020 (Unaudited)	
			Amo	unts due to	
	Bef	ore the change	change	es in policies	After the change
Assets					
Prepaid expenses	₩	4,243,467	₩	(13,086) ₩	4,230,381
Lease receivables		70,633		12,919	83,552
Guarantee deposits		1,030,204		-	1,030,204
Property, plant and equipment		45,052,687		(17,584)	45,035,103
Intangible assets		12,331,383		-	12,331,383
Right-of-use assets		4,396,994		845,152	5,242,146
Other assets		69,412,501		<u>(1)</u>	69,412,500
	₩	136,537,869	₩	<u>827,400</u> ₩	137,365,269
Liabilities					
Accrued expenses	₩	3,230,217	₩	(273) ₩	3,229,944
Other payables		6,375,587		-	6,375,587
Provisions		690,317		24,277	714,594
Lease liabilities		3,955,357		818,653	4,774,010
Deferred tax liabilities		4,401,942		(4,061)	4,397,881
Other liabilities		64,619,661		(2)	64,619,659
	₩	83,273,081	₩	838,594 ₩	84,111,675
Equity					
Retained earnings	₩	12,598,285	₩	(3,396) ₩	12,594,889
Non-controlling interests		35,141,145		(7,798)	35,133,347
Other components of equity		5,525,358		<u>-</u>	5,525,358
	₩	53,264,788	₩	(11,194) ₩	53,253,594

2. Basis of preparation and summary of significant accounting policies (cont'd)

(2) Interim condensed consolidated statements of comprehensive income (Korean won in millions)

	For the nine-month period ended September 30, 2020 (Unaudited)								
			Adjustment on						
			profit or loss of						
	Before	Amounts due to	discontinued	After					
	the change	changes in policies	operations (*1)	the change					
Sales	₩ 62,459,763	₩ 1,321 ₩	(811,710) ₩	61,649,374					
Cost of sales	58,745,263	7,255	(680,222)	58,072,296					
Gross profit	3,714,500	(5,934)	(131,488)	3,577,078					
Selling and administrative expenses	3,983,898	-	(40,098)	3,943,800					
Operating loss	(269,398	(5,934)	(91,390)	(366,722)					
Finance income	3,991,300		(29,505)	3,961,842					
Finance costs	4,589,924		(20,363)	4,577,341					
Gain on investments in associates	556,032		(20,000)	556,032					
and joint ventures, net	000,002			000,002					
Other non-operating income	1,370,146	(641)	(1,589)	1,367,916					
Other non-operating expenses	844,320	(8,088)	(23,954)	812,278					
Profit from continuing operations	213,836	(6,220)	(78,167)	129,449					
before income tax expense									
Income tax expense	47,084	(1,628)	(37,578)	7,878					
from continuing operations									
Profit for the period	166,752	(4,592)	(40,589)	121,571					
from continuing operations									
Profit for the period	45,201	-	40,589	85,790					
from discontinued operations									
Profit for the period	211,953	(4,592)	-	207,361					
attributable to:	221 221	(4.000)							
Owners of the parent	331,684	(1,396)	-	330,288					
Non-controlling interests	(119,731)	, ,	-	(122,927)					
Total comprehensive income	773,104	(4,592)	-	768,512					
for the period									
attributable to:	550.004	(4.000)		554.000					
Owners of the parent	556,034	(1,396)	-	554,638					
Non-controlling interests	217,070	(3,196)	-	213,874					
Earnings per share (Korean won)									
Basic earnings per share	6,298	(27)	-	6,271					
Basic earnings per share	5,906	(27)	(279)	5,600					
from continuing operations		, ,	, ,						
- ·									

^(*1) The Group decided to discontinue North America and Peru's oil development (E&P) operations and others during 2020, and retrospectively modified the effects on profit or loss of discontinued operations (See Note 28).

(3) Interim condensed consolidated statements of changes in equity and interim condensed consolidated statements of cash flows

Interim condensed consolidated statements of changes in equity and interim condensed consolidated statements of cash flows, presented for comparative purposes, have been restated in relation to the modification to the interim condensed consolidated statement of financial position and interim condensed consolidated statement of comprehensive income above.

3. Significant accounting judgments, estimates and assumptions

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

Those accounting judgments made by management in the preparation of the interim condensed consolidated financial statements for the nine-month period ended September 30, 2021, are consistent with those followed in the preparation of consolidated financial statements for the year ended December 31, 2020.

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

4. Operating segments

(1) Overview of operating segments

The Group makes decisions on resources to be allocated to operating segments and divides the operating segments based on the internal reports which the Chief Operating Decision Maker periodically reviews to evaluate the performances of the operating segments. Details of segment operations of each segment are as follows:

Operating segments	Business
SK Innovation Co., Ltd.	Petroleum refining, chemical, lubricating oil, battery and resources development
SK Telecom Co., Ltd.	Telecommunication and security service
SK Networks Co., Ltd.	Information communication, rental and trade
SKC Co., Ltd.	Chemical, industrial materials, and mobility material
SK E&S Co., Ltd.	Gas and power generation
SK ecoplant Co., Ltd.	Construction and eco-friendly projects
Others	IT services, special gas manufacturing and sale, medicine and life science and others

(2) Details of financial information for each operating segment as of and for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in billions):

	As of and for the nine-month period ended September 30, 2021									
	SK SK SK Consolidation									
	Innovation	Telecom	Networks	SKC	SK E&S	SK ecoplant	adj	ustments		
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Others	(*1)	Total	
Total sales	₩ 32,660	₩ 14,566	₩ 8,111	₩ 2,458	₩ 5,279	₩ 5,724	₩ 6,267 ₩	(3,846)	₩ 71,219	
Internal sales	(364)	(297)	(888)	(239)	(204)	(182)	(1,672)	3,846	-	
Net sales	32,296	14,269	7,223	2,219	5,075	5,542	4,595	-	71,219	
Profit (loss) from continuing operations before income tax expense	824	2,638	100	401	482	278	3,911	(3,852)	4,782	
Profit (loss) for the period from continuing operations	294	2,104	71	289	344	130	3,480	(3,847)	2,865	
Total assets	48,960	51,677	9,598	5,873	12,730	7,695	53,397	(30,869)	159,061	
Total liabilities	29,638	24,494	7,228	3,653	8,540	6,430	18,432	(900)	97,515	
Depreciation	1,033	2,357	613	133	351	53	448	(35)	4,953	
Amortization	72	765	18	23	5	32	82	247	1,244	
	SK	SK	As of and	for the nin	e-month pe	eriod ended Septe		20 nsolidation		
	Innovation	Telecom	Networks	SKC	SK E&S	SK ecoplant		ustments		
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Others	(*1)	Total	
Total sales	₩ 26,487				₩ 4,184				₩ 61,649	
Internal sales	(456)	,	(1,054)	,	, -	(609)	,	5,105	W 01,049	
Net sales	26.031	13,550	6,815	1,634	4,058	5,620	3,941	5,105	61,649	
Profit (loss) from	(2,595)	,	28	231	1,474	345	2,472	(3,260)	129	
continuing operations before income tax expense	(2,000)	.,			.,	0.0	_,	(0,200)	.20	
Profit (loss) for the period from continuing operations	(1,965)	1,130	23	173	1,078	262	2,070	(2,649)	122	
Total assets	39,269	47,485	9,721	5,854	10,913	5,371	41,652	(22,900)	137,365	
Total liabilities	23,514	23,174	7,443	3,789	6,699	4,281	14,032	1,180	84,112	
Depreciation	907	2,362	596	123	292	49	425	(36)	4,718	
Amortization	76	763	14	23	3	5	64	251	1,199	

(*1) Consolidation adjustments of the parent company, excluding consolidation adjustments of each subsidiary.

4. Operating segments (cont'd)

(3) Details of financial information by geographical location as of and for the nine-month periods ended September 30, 2021 and 2020 (Korean won in billions):

	As of and for the nine-month period ended September 30, 2021											
							North		Cons	olidation		
		Korea		Asia	Europe		America	Others	adju	stments	Total	
Total sales	₩	83,080	₩	21,308	₩ 4,020) ₩	₹ 5,033	₹ 209	₩ ((42,431)₩	71,219	
Operating profit (loss)		5,915		231	88	3	69	22	2	(2,006)	4,319	
Profit (loss) from continuing operations before income tax expense		8,520		1,149	74	1	(68)	936	6	(5,829)	4,782	
Profit (loss) for the period from continuing operations		6,500		1,116	47	7	(49)	886	6	(5,635)	2,865	
Total assets		175,358		17,666	5,531	1	18,674	1,394	ļ	(59,562)	159,061	
Total liabilities		89,102		5,672	2,734	1	5,769	466	3	(6,228)	97,515	
		As of and for the nine-month p			th period end North	ed Septem		0, 2020 solidation	97,515			
		Korea		Asia	Europe		America	Others		stments	Total	
Total sales	₩	75,476	W	17,168							61,649	
	VV	,	VV							(37,616)₩	•	
Operating profit (loss)		3,276		126 343	59		(50)	17		(3,795)	(367)	
Profit (loss) from continuing operations before income tax expense		5,795		343	85)	(138)	16)	(5,972)	129	
Profit (loss) for the period from continuing operations		5,053		313	80)	(143)	13	3	(5,194)	122	
Total assets		153,849		14,205	4,231	1	10,300	1,545	5	(46,765)	137,365	
Total liabilities		76,421		3,969	2,060)	2,985	167	7	(1,490)	84,112	

4. Operating segments (cont'd)

(4) Details of financial information by revenue from contracts with customers for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in billions):

			As of ar	nd for the nin	e-month per	riod e	ended Septemb	er 30, 2021		
	SK	SK	SK							
	Innovation	Telecom	Networks	SKC	SK E&S		SK ecoplant		Consolidation	
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.		Co., Ltd.	Others	<u>adjustments</u>	Total
1. Total sales	₩ 32,660	₩ 14,566	₩ 8,111	₩ 2,458	₩ 5,279	₩	5,724	₩ 6,267	7 ₩ (3,846)	₩ 71,219
Revenue from contracts with customers Categories:	32,636	14,566	6,700	2,458	5,274		5,711	5,664	4 (3,275)	69,734
Service sales	204	12,951	256	_	_		5,688	1,898	3 (1,393)	19,604
Finished goods sales	31.262	24		2.245	2.118		-,	2,957		38,133
Merchandise sales	934	1,167	6,096	183	3,092		14	777		11,212
Other sales	236	424		30	64		9	32		785
Other sales	32,636	14,566	6.700	2,458	5,274		5.711	5,664		69,734
Timing of revenue recognition: Recognition at a point in time Recognition over a	32,432	1,615	6,444	2,458	734		23	3,766		45,590
period of time	204	12,951	256		4,540		5,688	1,898	3 (1,393)	24,144
period of time	32.636		6.700	2,458	5.274	_	5,000	5.664		
2 D from	32,030	14,566	6,700	2,458	5,274		5,711	5,002	(3,275)	69,734
Revenue from other sources	24	-	1,411	-	5		13	603	(571)	1,485
				or the nine	-month per	riod	ended Septer	mber 30, 2	2020	
	SK	SK	SK							
	Innovation	Telecom	Networks	SKC	SK E&S		SK ecoplant		Consolidation	
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.		Co., Ltd.	Others	<u>adjustments</u>	Total
Total sales	₩ 26,487	₩ 13,785	₩ 7,869	₩ 1,833	₩ 4,184	₩	6,229	₩ 6,367	7 ₩ (5,105)	₩ 61,649
Revenue from contracts with customers Categories:	26,464	13,785	6,552	1,833	4,178		6,219	4,848	3 (3,621)	60,258
Service sales	205	12,302	282				6,200	1,712	(1,667)	19.034
Finished goods sales	25,660	21	363	1,635	1,564		0,200	2,572		31,086
Merchandise sales	333	1,070	5,905	1,033	2,533		19	300		9,236
Other sales	266	392		27	2,333		19	264		9,230
Other sales			6,552	1,833	4,178		6,219	4,848		
Timing of revenue recognition:	26,464	13,785							,	60,258
Recognition at a point in time Recognition over a	26,259	1,483	6,270	1,833	155		19	3,136	6 (1,954)	37,201
period of time	205	12,302	282	-	4,023		6,200	1,712	(1,667)	23,057
,				4 000		_				60,258
	26,464	13,785	6,552	1,833	4,178		6,219	4,848	3 (3,621)	00,236
Revenue from	20,404	13,785	6,552	1,833	4,178		6,219	4,848	(3,621)	00,236

5. Financial instruments

5.1 Financial assets

Details of financial assets as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	September 30, 2021							
			•	Financial				
	Financial	Financial	Financial	assets				
	assets	assets	assets	designated				
	measured at	measured at	measured at	as hedging				
	FVTPL	FVOCI	amortized cost	instruments	Total			
Current assets:								
Cash and cash equivalents	₩ 2,179,653	₩ -	₩ 10,919,021	₩ -	₩ 13,098,674			
Short-term financial instruments	4,211,029	-	2,644,446	-	6,855,475			
Trade receivables (*1)	79,075	-	9,508,458	-	9,587,533			
Other receivables	235,603	-	2,113,753	-	2,349,356			
Short-term loans	-	-	185,570	-	185,570			
Accrued income	-	-	130,778	-	130,778			
Short-term investment securities	113,063	-	45	-	113,108			
Guarantee deposits	-	-	402,461	-	402,461			
Derivative financial assets	95,773	-	-	138,676	234,449			
Lease receivables			24,171		24,171			
	6,914,196		25,928,703	138,676	32,981,575			
Non-current assets:								
Long-term financial instruments	15,266	-	17,188	-	32,454			
Long-term trade receivables	-	-	354,133	-	354,133			
Long-term other receivables	303,997	-	32,712	-	336,709			
Long-term loans	-	-	380,243	-	380,243			
Long-term investment securities	1,697,120	4,961,326	1,107	-	6,659,553			
Guarantee deposits	-	-	645,785	-	645,785			
Derivative financial assets	684,028	-	-	220,381	904,409			
Lease receivables			40,255		40,255			
	2,700,411	4,961,326	1,471,423	220,381	9,353,541			
	₩ 9,614,607	<u>₩ 4,961,326</u>	<u>₩ 27,400,126</u>	₩ 359,057	₩ 42,335,116			

^(*1) Contract assets (unbilled receivables) amounting to \uppi 1,293,391 million as of September 30, 2021 are not included in the financial assets.

5.1 Financial assets (cont'd)

	December 31, 2020									
		Financial								
	Financial	Financial	Financial	assets						
	assets	assets	assets	designated						
	measured at	measured at	measured at	as hedging						
	FVTPL	FVOCI	amortized cost	instruments	Total					
Current assets:										
Cash and cash equivalents	₩ 1,625,890	₩ -	₩ 8,471,050	₩ - 4	₩ 10,096,940					
Short-term financial instruments	2,120,910	_	2.362.905	_	4.483.815					
Trade receivables (*1)	140,357	_	7,765,586	_	7,905,943					
Other receivables	211,476	_	1,419,921	_	1,631,397					
Short-term loans	,	-	193,526	-	193,526					
Accrued income	-	-	154,932	-	154,932					
Short-term investment securities	150,624	-	45	-	150,669					
Guarantee deposits	· -	-	356,573	-	356,573					
Derivative financial assets	75,022	-	-	54,799	129,821					
Lease receivables			56,838		56,838					
	4,324,279		20,781,376	54,799	25,160,454					
Non-current assets:										
Long-term financial instruments	4,315	-	9,393	-	13,708					
Long-term trade receivables	-	-	274,789	-	274,789					
Long-term other receivables	305,699	-	35,400	-	341,099					
Long-term loans	-	-	416,482	-	416,482					
Long-term investment securities	987,981	3,366,930	1,098	-	4,356,009					
Guarantee deposits	-	-	574,946	-	574,946					
Derivative financial assets	524,082	-	-	72,133	596,215					
Lease receivables			25,079		25,079					
	1,822,077	3,366,930	1,337,187	72,133	6,598,327					
	₩ 6,146,356	₩ 3,366,930	₩ 22,118,563	<u>₩ 126,932</u>	₩ 31,758,781					

^(*1) Contract assets (unbilled receivables) amounting to \$965,473 million as of December 31, 2020 are not included in the financial assets.

5.2 Financial liabilities

Details of financial liabilities as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		Septemb	er 30, 2021	
	Financial liabilities measured at	Other financial	Financial liabilities designated as hedging	_
	<u>FVTPL</u>	liabilities	instruments	Total
Current liabilities: Short-term borrowings Trade payables	₩	- ₩ 7,522,619 - 8,195,892		₩ 7,522,619 8,195,892
Other payables	30,229			5,693,275
Current portion of long-term debt	,	- 6,789,497		6,789,497
Accrued expenses		- 3,645,322		3,645,322
Dividends payable Deposits withheld		- 887 - 215,401		887 215,401
Derivative financial liabilities	371,27		42,473	
Lease liabilities	011,21	- 1,224,716	·	1,224,716
Finance guarantee liabilities		- 708	-	708
Financial liabilities at fair value	400.00	_		400.005
through profit or loss	<u>136,69</u> 538,20		42.473	<u>136,695</u> <u>33,838,761</u>
Non-current liabilities:		33,230,000	42,475	33,030,701
Bonds payable and long-term borrowings		- 43,759,019		43,759,019
Long-term other payables		- 1,763,511		1,763,511
Long-term accrued expenses Deposits withheld		- 23,041 - 335,066		23,041 335,066
Derivative financial liabilities	423,515		29,415	
Long-term lease liabilities	120,010	- 3,554,592		3,554,952
Financial guarantee liabilities		- 16,603	-	16,603
Financial liabilities at fair value	50.40			50.400
through profit or loss	59,123 482,638		29,415	59,123 49,963,885
	₩ 1,020,838			
		Docomb	er 31, 2020	
		Decemb	Financial	
	Financial liabilities		liabilities designated as	
	measured at FVTPL	Other financial liabilities	hedging instruments	Total
Current liabilities:	FVIFL	ilabilities	Instruments	IOIAI
Short-term borrowings	₩	- ₩ 6,201,430	₩ -	₩ 6,201,430
Trade payables		- 6,061,576	-	6,061,576
Other payables	36,573			5,727,171
Current portion of long-term debt Accrued expenses		- 6,216,778 - 3,964,534		6,216,778 3,964,534
Dividends payable		- 3,904,334 - 840		3,904,334
Deposits withheld		- 210,035		210,035
Derivative financial liabilities	46,98	1 -	49,684	96,665
Lease liabilities		- 2,244,201	-	2,244,201
Finance guarantee liabilities	83,554	<u>-</u> <u>832</u> 4 <u>30,590,82</u> 4		<u>832</u> 30,724,062
Non-current liabilities: Bonds payable and long-term borrowings		- 36,843,510	· ·	36,843,510
Long-term trade payables		- 712	_	712
Long-term other payables	3,392			1,168,784
Long-term accrued expenses		- 10,610		10,610
Deposits withheld	EG7 07	- 262,079		262,079
Derivative financial liabilities Long-term lease liabilities	567,874	- 3,421,750	166,351	734,225 3,421,750
Financial guarantee liabilities		- 3,421,730		21,447
<u> </u>	571,266	41,725,500	166,351	42,463,117
	₩ 654,820	<u>₩ 72,316,324</u>	₩ 216,035	₩ 73,187,179

5.3 Fair values of financial instruments by hierarchy level

1) Fair values and book values of financial instruments as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	Septembe	er 30, 2021	December 31, 2020			
	Book value	Fair value	Book value	Fair value		
Bonds payable	₩ 35,504,091	₩ 35,762,281	₩ 31,167,494	₩ 31,259,176		
Borrowings	22,567,044	22,487,745	18,094,224	18,273,146		

The fair value of bonds payable and borrowings was measured as the present value of the contractually determined stream of future cash flows discounted at the market interest rate $(1.22\% \sim 9.23\%)$ regarding residual market risks. As the book values of other financial assets and other financial liabilities are reasonable approximations to fair values, the fair values have not been disclosed.

- 2) The Group 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.
- 3) Details of fair values of financial instruments by hierarchy level as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	September 30, 2021							
		Level 1		Level 2		Level 3		Total
Financial assets:								
Financial assets measured at FVTPL	₩	6,390,682	₩	778,417	₩	1,665,707	₩	8,834,806
Financial assets measured at FVOCI		3,260,057		-		1,701,269		4,961,326
Derivative financial assets		12,477		1,093,419		32,962		1,138,858
	₩	9,663,216	₩	1,871,836	₩	3,399,938	₩	14,934,990
Financial liabilities:				_		_	-	
Financial liabilities measured at FVTPL	₩	_ '	₩	-	₩	226,047	₩	226,047
Derivative financial liabilities		8,545		198,605		659,529		866,679
	₩	8,545	₩	198,605	₩	885,576	₩	1,092,726
		-						
				Decembe	r 31	, 2020		
		Level 1		Decembe Level 2	r 31	, 2020 Level 3		Total
Financial assets:	_	Level 1			r 31			Total
Financial assets: Financial assets measured at FVTPL	₩	Level 1 3,746,800	₩				₩	Total 5,547,252
	₩		₩	Level 2		Level 3	₩	
Financial assets measured at FVTPL	₩	3,746,800	₩	Level 2		Level 3 1,068,569	₩	5,547,252
Financial assets measured at FVTPL Financial assets measured at FVOCI	₩ ₩	3,746,800 1,633,968		731,883	₩	Level 3 1,068,569	₩	5,547,252 3,366,930
Financial assets measured at FVTPL Financial assets measured at FVOCI		3,746,800 1,633,968 4,552		731,883 - 721,484	₩	1,068,569 1,732,962		5,547,252 3,366,930 726,036
Financial assets measured at FVTPL Financial assets measured at FVOCI Derivative financial assets		3,746,800 1,633,968 4,552 5,385,320		731,883 - 721,484 1,453,367	₩	1,068,569 1,732,962		5,547,252 3,366,930 726,036
Financial assets measured at FVTPL Financial assets measured at FVOCI Derivative financial assets Financial liabilities:	₩	3,746,800 1,633,968 4,552 5,385,320	₩	731,883 - 721,484 1,453,367	₩	1,068,569 1,732,962 - 2,801,531	₩	5,547,252 3,366,930 726,036 9,640,218
Financial assets measured at FVTPL Financial assets measured at FVOCI Derivative financial assets Financial liabilities: Financial liabilities measured at FVTPL	₩	3,746,800 1,633,968 4,552 5,385,320	₩	731,883 - 721,484 1,453,367 - 271,262	₩	1,068,569 1,732,962 - 2,801,531 39,965	₩	5,547,252 3,366,930 726,036 9,640,218

6. Trade receivables

(1) Details of trade receivables as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		Septemb	er 30, 2	2021	December 31, 2020				
		Current	Non-current		Current		No	n-current	
Trade receivables:									
Trade receivables (*1)	₩	10,249,623	₩	378,478	₩	8,502,117	₩	294,879	
Contract assets (unbilled receivables)		1,293,391		-		965,473		-	
Allowance for doubtful accounts:									
Trade receivables		(662,090)	·	(24,345)		(596,174)		(20,090)	
	₩	10,880,924	₩	354,133	₩	8,871,416	₩	274,789	

^(*1) Includes the net investment amount of the finance lease provided by the Group as a manufacturer or seller.

(2) Contract assets and liabilities related with contracts with customers as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	Septe	December 31, 2020		
Contract assets: (*1) Construction business	₩	1,074,480	₩ 838,273	
Telecommunication business	**	183,529	148,281	
Others		219,005	127,294	
	$\underline{\mathbb{W}}$	1,477,014	<u>₩ 1,113,848</u>	
Contract liabilities: (*2)	Septe	ember 30, 2021	December 31, 2020	
Construction business	₩	1,047,093	₩ 1,118,684	
Telecommunication business		274,586	260,596	
Others		850,307	868,660	
	₩	2,171,986	₩ 2,247,940	

^(*1) Contract assets are included in trade receivables and other assets.

^(*2) Contract liabilities are included in advances received and other liabilities.

6. Trade receivables (cont'd)

(3) Details of construction profit variation by changes of accounting estimates related to construction contracts as of September 30, 2021 are as follows (Korean won in millions):

		Change in estimated construction revenue		Change in stimated cost	Impact on current profit or loss			npact on future ofit or loss	Change in unbilled (overbilled) receivables	
SK ecoplant Co., Ltd. and its subsidiaries	•		₩	1,465,999	₩	70,270	₩	12,507	₩	70,270
Others		1,624		595		941		88		941
	₩ 1,550,400 ₩					71,211	₩	12,595	₩	71,211

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

(4) Details of the construction contracts where the total contract revenue exceeds 5% of the preceding year's revenue under the percentage-of-completion method as of September 30, 2021 are as follows (Korean won in millions):

						Unbilled receivables				Trade re	ivables (*1)		
Subsidiary	Project	Contract date	Completion date	Percentage (%)		Amount	Allowar for doub accoun	tful		Amount		Allowanc for doubtf accounts	ful
SK ecoplant	RRE Project	2009.12	2016.05	99.9	₩		₩	-	₩		-	₩	_
Co., Ltd.	Goseong High Fire power Construction	2014.07	2022.01	94.5			-	-			-		-

(*1) The balance does not include due from customer for construction work.

7. Inventories

Details of inventories as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		Sep	ten	nber 30, 202	:1	Dece	20	
		•	Valuation Book				Valuation	Book
		Cost	al	lowance_	value	Cost	allowance	value
Merchandise	₩	920,736	₩	(31,414)₩	889,322	₩ 864,806 ₩	₩ (45,647)	₩ 819,159
Finished goods	2	,650,991		(70,061)	2,580,930	1,563,756	(59,899)	1,503,857
Semi-finished goods and work in progress	1	,516,545		(32,422)	1,484,123	845,458	(47,258)	798,200
Raw materials and sub-materials	2	,035,403		(27,788)	2,007,615	1,354,419	(24,761)	1,329,658
Materials in transit	2	,361,109		-	2,361,109	1,354,400	-	1,354,400
Supplies		403,059		(3,400)	399,659	311,475	(4,074)	307,401
Uncompleted contracts		47,004		-	47,004	57,673	-	57,673
Others		11,184			11,184	9,476	(327)	9,149
	₩9	,946,031	₩	(165,085)₩	9,780,946	₩6,361,463	₹ (181,966)	₩6,179,497

8. Investment securities

Details of investment securities as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	September 30, 2021								
		Financial		Financial	Financial				
		assets		assets	assets at				
		at FVTPL	a	t FVOCI (*1)	amortized cost		Total		
Equity instruments:									
Marketable equity instruments	₩	-	₩	3,260,057	₩ -	- ₩	3,260,057		
Non-marketable equity instruments		200,846		1,691,064			1,891,910		
		200,846		4,951,121		·	<u>5,151,967</u>		
Bond instruments:									
Beneficiary securities and others		819,958		663	-	•	820,621		
Debt securities		789,379		9,542	1,152		800,073		
		1,609,337		10,205	1,152	<u> </u>	1,620,694		
	₩	1,810,183	₩	4,961,326	₩ 1,152	₩	6,772,661		
Current investment securities	₩	113,063	₩	-	₩ 45	₩	113,108		
Non-current investment securities		1,697,120		4,961,326	1,107	•	6,659,553		
				December 3	31, 2020				
		Financial		December : Financial	31, 2020 Financial				
		Financial assets							
		assets measured at		Financial assets neasured at	Financial assets measured at				
		assets		Financial assets	Financial assets		Total		
Equity instruments:		assets measured at FVTPL		Financial assets neasured at FVOCI (*1)	Financial assets measured at amortized cost				
Marketable equity instruments		assets measured at FVTPL		Financial assets neasured at	Financial assets measured at amortized cost	- W	Total 1,633,968		
	W	assets measured at FVTPL - 87,275		Financial assets neasured at FVOCI (*1) 1,633,968 1,720,055	Financial assets measured at amortized cost	- 	1,633,968 1,807,330		
Marketable equity instruments Non-marketable equity instruments	₩ —	assets measured at FVTPL		Financial assets neasured at FVOCI (*1) 1,633,968	Financial assets measured at amortized cost	· ₩	1,633,968		
Marketable equity instruments Non-marketable equity instruments Bond instruments:	W	assets measured at FVTPL - 87,275 87,275		Financial assets neasured at FVOCI (*1) 1,633,968 1,720,055 3,354,023	Financial assets measured at amortized cost	- ₩ - ₩	1,633,968 1,807,330 3,441,298		
Marketable equity instruments Non-marketable equity instruments Bond instruments: Beneficiary securities and others	₩ 	assets measured at FVTPL - 87,275 87,275 572,689		Financial assets neasured at FVOCI (*1) 1,633,968 1,720,055 3,354,023	Financial assets measured at amortized cost	: <u> </u>	1,633,968 1,807,330 3,441,298 573,351		
Marketable equity instruments Non-marketable equity instruments Bond instruments:	W 	assets measured at FVTPL - 87,275 87,275 572,689 478,641		Financial assets neasured at FVOCI (*1) 1,633,968 1,720,055 3,354,023 662 12,245	Financial assets measured at amortized cost W	: :	1,633,968 1,807,330 3,441,298 573,351 492,029		
Marketable equity instruments Non-marketable equity instruments Bond instruments: Beneficiary securities and others	_	assets measured at FVTPL - 87,275 87,275 572,689 478,641 1,051,330	W	Financial assets neasured at FVOCI (*1) 1,633,968 1,720,055 3,354,023 662 12,245 12,907	Financial assets measured at amortized cost W	: : :	1,633,968 1,807,330 3,441,298 573,351 492,029 1,065,380		
Marketable equity instruments Non-marketable equity instruments Bond instruments: Beneficiary securities and others Debt securities	₩	assets measured at FVTPL - 87,275 87,275 572,689 478,641 1,051,330 1,138,605	₩ <u>₩</u>	Financial assets neasured at FVOCI (*1) 1,633,968 1,720,055 3,354,023 662 12,245	Financial assets measured at amortized cost W 1,143 1,143 W 1,143		1,633,968 1,807,330 3,441,298 573,351 492,029 1,065,380 4,506,678		
Marketable equity instruments Non-marketable equity instruments Bond instruments: Beneficiary securities and others	_	assets measured at FVTPL - 87,275 87,275 572,689 478,641 1,051,330	₩ <u>₩</u>	Financial assets neasured at FVOCI (*1) 1,633,968 1,720,055 3,354,023 662 12,245 12,907	Financial assets measured at amortized cost W 1,143 1,143 W 1,143	<u> </u>	1,633,968 1,807,330 3,441,298 573,351 492,029 1,065,380		

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

9. Investments in associates and joint ventures

(1) Investments in associates and joint ventures

Details of investments in associates and joint ventures as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		;	September 30, 2	021	December 31, 2020
	-	Equity			
		ownership	Acquisition	Book	Book
Company	Domicile	(*1)	cost	value	value
Associates:					
SK Hynix Inc.	Korea	20.1%	₩ 5,420,310	₩ 12,998,373	₩ 11,750,425
Plug Power Inc. (*2,3)	USA	9.9%	1,793,533	1,897,003	-
Vingroup Joint Stock Company (*3)	Vietnam	6.1%	957,882	968,607	851,300
Eureka Midstream Holdings	USA	40.0%	465,582	518,281	465,917
VCM Services And Trading Development	Vietnam	16.3%	465,019	487,176	-
Joint Stock Company (*2,3)					
Masan Group Corporation (*3)	Vietnam	9.3%	457,718	427,347	367,832
Shenzhen Londian Electrics Co., Ltd.	China	26.0%	383,369	436,864	383,049
FR BR Aggregator	USA	39.0%	350,718	265,538	283,933
Darwin LNG Pty Ltd. (*2)	Australia	25.0%	349,037	365,901	-
Huizhou EVE United Energy Co., Ltd.	China	49.0%	344,465	418,661	353,815
Peru LNG Company, LLC	USA	20.0%	331,144	237,089	243,456
Daehan Oil Pipeline Corporation	Korea	41.0%	311,372	315,283	311,015
NHIP II Bison Holdings, LLC	USA	24.5%	297,511	301,007	244,325
Hana Card Co., Ltd. (*3)	Korea	15.0%	253,707	342,814	314,930
Yemen LNG Company Ltd. (*3,4)	Yemen	6.9%	252,813	-	-
Beijing BESK Technology Co., Ltd.	China	49.0%	247,427	254,320	235,604
Canakkale Highway And Bridge	Turkey	25.0%	258,043	265,830	208,272
Korea IT Fund (*5)	Korea	63.3%	242,170	322,279	323,294
ProteoVant Sciences, Inc. (*2)	USA	40.0%	222,370	216,287	-
Joyvio (*3)	China	14.0%	213,793	230,536	197,974
Content Wavve Corp (*6)	Korea	36.4%	165,341	155,087	75,803
Best Oil Company Limited	Myanmar	35.0%	153,024	122,452	159,557
TBM Co., Ltd. (*2,3)	Japan	10.1%	141,971	143,264	-
ENN (Zhoushan) LNG Co., Ltd. (*3)	China	10.0%	132,639	125,346	133,164
Others				1,553,138	1,243,830
				23,368,483	18,147,495
Joint ventures (*7):					
Sinopec-SK (Wuhan) Petrochemical Co., Ltd.	China	35.0%	676,332	1,116,122	942,775
Mitsui Chemicals & SKC Polyurethanes Co., Ltd.	Korea	50.0%	349,942	456,384	419,404
ZETA CAYMAN Limited	Cayman	50.0%	177,904	137,640	163,720
Eurasia Tunnel	Turkey	50.0%	174,215	310,446	254,324
Boryeong LNG Terminal Co., Ltd.	Korea	50.0%	133,323	143,250	146,568
SABIC SK Nexlene Company Pte. Ltd.	Singapore	50.0%	112,670	108,574	93,915
Hana Land Chip PEF 33 (*8)	Korea	-	· -	· -	262,881
Others				456,512	587,881
				2,728,928	2,871,468
					₩ 21,018,963
					,,,,,,,,

- (*1) Equity ownership includes indirect investments held by the consolidated subsidiaries.
- (*2) It was newly acquired during the nine-month period ended September 30, 2021.
- (*3) The Group retains significant influence on the associate despite having less than 20% equity interests.
- (*4) Impairment losses on investments in associates were fully recognized as there was an indication of impairment prior to the current period.
- (*5) The entity was not included as consolidated subsidiaries as the Group does not have control over more than half of the voting rights by agreements.
- (*6) The Group acquired 435,431 ordinary shares of Content Wavve Corp for ₩100,000 million in cash through an unequal paid-in capital increase, increasing the Group's share from 30% to 36.4% during the nine-month period ended September 30, 2021.
- (*7) All joint arrangements that the Group has joint control over are structured through separate entities. The parties that have joint control with respect to the joint agreements hold the rights to the net assets of the agreements and accordingly, they are classified as joint ventures and accounted for using the equity method of accounting.

9. Investments in associates and joint ventures (cont'd)

- (*8) During the nine-month period ended September 30, 2021, the Group acquired additional 34.80% shares of Hana Land Chip PEF 33 and obtained control. Accordingly, the Group reclassified it from investment in joint ventures to investment in subsidiaries, and it was liquidated during the nine-month period ended September 30, 2021.
- (2) Changes in carrying amounts of investments in associates and joint ventures

Changes in investments in associates and joint ventures accounted for using the equity method for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	For the nine-month period ended September 30, 2021										
				Equity profit	Other						
	Beginning			or losses on	capital	Dividends	Others	Ending			
	balance	Acquisitions	Disposals	investments	movements	received	(*1, 2)	balance			
Associates	₩ 18,147,495	₩ 3,464,913	₩ (23,682)	₩ 1,218,844	₩ 291,921	₩ (229,100) ₩	498,092 ₩	23,368,483			
Joint ventures	2,871,468	77,275	(2,838)	151,783	72,382	(30,374)	(410,768)	2,728,928			
	₩ 21,018,963	₩ 3,542,188	₩ (26,520)	₩ 1,370,627	₩ 364,303	₩ (259,474) ₩	87,324 ₩	26,097,411			
	· · · · · · · · · · · · · · · · · · ·				<u> </u>			<u> </u>			
			For the nine	-month period e	nded Septembe	r 30, 2020					
				Equity profit	Other						
	Beginning			or losses on	capital	Dividends	Others	Ending			
	balance	Acquisitions	Disposals	investments	movements	received	(*2)	balance			
Associates	₩ 19,416,778	₩ 516,303	₩ (1,973,726)	₩ 559,151	₩ 21,876	₩ (194,869) ₩	(520,713) ₩	17,824,800			
Joint ventures	2,477,938	376,657	(29,114)	(3,119)	44,435	(39,202)	(61,663)	2,765,932			
	₩ 21,894,716	₩ 892,960	₩ (2,002,840)	₩ 556,032	₩ 66,311	<u>₩ (234,071)</u> <u>₩</u>	<u>(582,376</u>) ₩	20,590,732			

- (*1) Others include ₩262,881 million of transfer due to reclassification of Hana Land Chip PEF 33 to investment in subsidiaries.
- (*2) Others include the effects of changes in scope of consolidation, net foreign currency differences and others.
- (3) Details of unrecognized changes in equity method caused by discontinuing the application of equity method as of September 30, 2021 are as follows (Korean won in millions):

	Beginning I	Ch	anges	Ending balance		
Pentaport Development Co., Ltd.	₩	79,238	₩	109	₩	79,347
SK Telesys Corporation		3,960		-		3,960
Korea Consortium Kazakh B.V.		186,473		-		186,473
Yemen LNG Company Ltd. and others		45,279		2,656		47,935

9. Investments in associates and joint ventures (cont'd)

(4) Condensed financial information of significant investments in associates and joint ventures as of September 30, 2021 are as follows (Korean won in millions):

				As of and	for	the nine-mon	th p	period ended	Se	ptember 30,	202	21		
		Current assets	N	on-current assets		Current liabilities		lon-current liabilities		Sales				Total prehensive income (loss)
Associates:														
0.11.1,1.11.01	₩	24,910,504	₩	58,358,544	₩	, ,	₩	, ,	₩	30,621,183	₩	, ,		7,213,925
Plug Power Inc.		5,884,700		974,480		297,502		837,581		222,260		(181,391)		(184,125)
Vingroup Joint Stock Company		8,734,750		13,092,443		8,301,357		6,003,245		2,988,253		72,288		72,288
VCM Services And Trading Development Joint Stock Company		361,683		403,334		417,844		246,483		711,805		(32,945))	(32,945)
Masan Group Corporation		1,792,174		4,496,135		1,986,305		2,664,151		2.026.851		68,693		68,693
Eureka Midstream Holdings		39,564		1,007,110		20,106		360.498		104,236		33,004		33,004
Shenzhen Londian Wason Holdings Group. Co., Ltd.		1,053,510		850,125		871,212		171,153		772,852		62,598		62,577
Darwin LNG Pty Ltd.		350,966		78,983		275,230		68,274		1,193,525		78,187		78,187
Huizhou EVE Únited Energy Co., Ltd.		631,787		665,846		341,244		83,513		829,754		81,421		81,421
Peru LNG Company, LLC		239,948		2,503,057		320,408		1,237,002		531,362		(138,968))	(138,968)
Daehan Oil Pipeline Corporation		99,569		938,889		38,680		266,894		131,051		22,828		22,828
Hana Card Co., Ltd.		8,683,370		524,042		1,529,956		5,699,636		945,930		199,031		200,206
Beijing BESK Technology Co., Ltd	d.	439,553		473,984		377,246		14,070		374,024		(2,814))	(2,814)
FR BR Aggregator		2,790		1,332,879		17,843		545,455		-		5,655		5,655
NHIP II Bison Holdings, LLC		21,786		1,050,915		-		1,008		-		(170,330))	(170,330)
Canakkale Highway And Bridge		71,251		3,897,572		146,579		2,758,923		582,133		5,397		36,370
Korea IT Fund		121,282		387,580		-		-		28,815		19,979		15,317
ProteoVant Sciences, Inc.		217,134		70		7,431		4,024		-		(15,208))	(15,208)
Content Wavve Corp		276,099		113,799		70,172		297,595		158,041		(52,669))	(52,669)
Best Oil Company Limited		187,254		183,762		157,234		14,159		500,953		8,908		8,908
TBM Co., Ltd.		147,746		96,600		95,054		40,324		8,428		(18,414))	(18,414)
ENN (Zhoushan) LNG Co., Ltd.		216,614		857,014		25,631		554,122		145,834		73,500		73,500
Joint ventures:														
Sinopec-SK (Wuhan) Petrochemical Co., Ltd.		873,526		4,557,559		988,714		1,470,529		6,289,566		205,396		205,396
Mitsui Chemicals & SKC Polyurethanes Co., Ltd.		584,232		1,004,240		462,781		128,508		976,981		84,850		87,872
ZETA CAYMAN Limited		687		275,487		893		-		-		(1,279))	(77,625)
Eurasia Tunnel		131,969		1,526,835		105,018		950,481		8,949		48,955		65,446
Boryeong LNG Terminal Co., Ltd		152,964		1,526,572		274,594		1,142,475		121,625		19,901		19,890
SABIC SK Nexlene Company Pte. Ltd.		241,813		511,642		98,660		361,517		322,563		44,850		989

10. Property, plant and equipment

(1) Details of property, plant and equipment as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	_Septe	September 30, 2021 Dece					
Acquisition cost	₩	70,895,661 ₩	65,059,292				
Accumulated depreciation							
and accumulated impairment losses		(21,712,893)	(19,163,698)				
	₩	49,182,768 ₩	45,895,594				

(2) Changes in property, plant and equipment for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		For the nine-month period ended September 30, 2021									
	Beginning	Business					Ending				
	balance	combination	Acquisitions	Disposals	Depreciation	Others (*1)	balance				
Land	₩ 8,514,509	₩ 853,059	₩ 59,051	₩ (128,089)	₩ -	₩ (46,535)	₩ 9,251,995				
Buildings	4,567,149	233,375	21,635	(21,655)	(163,912)	1,303,711	5,940,303				
Structures	1,660,194	48,911	16,178	(19,810)	(84,813)	348,552	1,969,212				
Machinery and equipment	20,261,529	89,603	347,874	(97,997)	(2,936,944)	2,865,059	20,529,124				
Vehicles	199,411	1,000	5,344	(1,156)	(24,854)	5,242	184,987				
Operating lease assets	1,786,789	-	678,724	(22,973)	(331,622)	(196,632)	1,914,286				
Others	3,382,742	21,074	974,151	(5,871)	(594,353)	508,175	4,285,918				
Construction-in-progress	5,523,271	13,902	3,872,815	(3,859)		(4,299,186)	5,106,943				
	₩ 45,895,594	₩ 1,260,924	₩ 5,975,772	₩ (301,410)	₩ (4,136,498)	₩ 488,386	₩ 49,182,768				

		For the nine-month period ended September 30, 2020									
	Beginning	Business		Ending							
	balance	combination	Acquisitions	Disposals	Depreciation	Others (*1)	balance				
Land	₩ 8,787,048	₩ 51,173	₩ 13,108	₩ (209,138)	₩ -	₩ (47,867)	₩ 8,594,324				
Buildings	4,271,484	48,069	8,487	(14,043)	(143,933)	198,786	4,368,850				
Structures	1,518,777	6,337	3,583	(10,674)	(85,455)	126,992	1,559,560				
Machinery and equipment	18,582,898	302,124	342,881	(20,987)	(2,813,009)	3,189,286	19,583,193				
Vehicles	185,700	153	2,839	(1,050)	(23,930)	35,608	199,320				
Operating lease assets	1,746,356	-	623,422	(27,298)	(324,007)	(235,736)	1,782,737				
Others	3,537,088	6,553	809,032	(13,859)	(527,777)	(316,507)	3,494,530				
Construction-in-progress	4,198,976	138,662	4,811,290	(33,449)		(3,662,890)	5,452,589				
	₩ 42,828,327	₩ 553,071	₩ 6,614,642	₩ (330,498)	₩ (3,918,111)	₩ (712,328)	₩ 45,035,103				

(*1) Others include changes in consolidation scope, transfer of intangible assets and investment properties, impairment losses, net translation differences and others.

11. Right-of-use assets and lease liabilities

(1) Details of right-of-use assets as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	_Septe	<u>mber 30, 2021 Decei</u>	<u>mber 31, 2020 </u>
Acquisition cost	₩	6,723,045 ₩	7,879,536
Accumulated depreciation			
and accumulated impairment losses		(2,022,416)	(1,701,056)
	₩	4,700,629 ₩	6,178,480

(2) Changes in right-of-use assets for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

			For the nine-	month period en	ded September 3	0, 2021	
	Beginning	Business		•	•	Ending	
	balance	combination	Acquisitions	Disposals	Depreciation	Others (*1)	balance
Land and buildings	₩ 3,230,719	₩ 25,577	₩ 1,019,182	₩ (343,846)	₩ (412,724)	₩ (1,376,526)	₩ 2,142,382
Tank	217,252	-	2,071	(1,143)	(46,804)	141	171,517
Ships and vessels	1,013,186	-	-	-	(69,182)	29,466	973,470
Vehicles	1,264,696	1,291	244,225	(186,993)	(210,094)	43,351	1,156,476
Others	452,627	188	117,055	(106,110)	(66,433)	(140,543)	256,784
	₩ 6,178,480	₩ 27,056	₩ 1,382,533	₩ (638,092)	₩ (805,237)	₩ (1,444,111)	₩ 4,700,629
			For the nine-	month period en	ded Sentember 3	0 2020	
	Beginning	Business	For the nine-	month period en	ded September 3	0, 2020	Ending
	Beginning balance	Business combination	For the nine-	month period en	ded September 3 Depreciation	0, 2020 Others (*1)	Ending balance
Land and buildings	0 0		Acquisitions	•	•	Others (*1)	•
Land and buildings Tank	balance	combination	Acquisitions	Disposals		Others (*1)	balance
J	<u>balance</u> ₩ 1,912,681	combination	Acquisitions W 976,286			Others (*1) W (288,688)	<u>balance</u> ₩ 2,122,740
Tank	balance ₩ 1,912,681 266,195	combination	Acquisitions W 976,286 13,497		<u>Depreciation</u> ₩ (387,562) (50,813)	Others (*1) W (288,688) 660	balance ₩ 2,122,740 225,181
Tank Ships and vessels	balance ₩ 1,912,681 266,195 1,065,528	$\begin{array}{c} \underline{\text{combination}} \\ \mathbb{W} \\ 76,325 \\ - \\ - \\ \end{array}$	Acquisitions W 976,286 13,497 22,771	Disposals W (166,302) (4,358)	Depreciation \(\psi\) (387,562) (50,813) (66,902)	Others (*1) W (288,688) 660 7,447	balance ₩ 2,122,740 225,181 1,028,844

- (*1) The amounts include exclusion from the scope of consolidation, net foreign exchange differences and others.
- (3) Changes in lease liabilities for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	For the nine-month period ended September 30, 2021										
Beginning	Reginning Business Interest Others Ending										
<u>balance</u>	combination	Increase	expenses	Decrease	Transfer	(*1)	balance				
Lease liabilities ₩ 5,665,951	₩ 27.080	₩ 1.464.273	₩ 91.054	₩ (987.110)	₩ (50.662)	₩(1.431.278)₩	₹ 4.779.308				

	For the nine-month period ended September 30, 2020										
Beginning	Business		Interest			Others	Ending				
<u>balance</u>	combination	Increase	expenses	Decrease	Transfer	(*1)	balance				
Lease liabilities ₩ 4,647,511	₩ 84,974	₩ 1,250,431	₩ 95,908	₩ (863,834)	₩ (463)	₩ (440,517) ₩	4,774,010				

(*1) The amounts include exclusion from the scope of consolidation, net foreign exchange differences and others.

The Group recognized lease payments of $\mbox{$W$112,543$}$ million ($\mbox{$W$119,354$}$ million as of September 30, 2020) in relation to short-term leases and $\mbox{$W$8,175$}$ million ($\mbox{$W$7,555$}$ million as of September 30, 2020) in relation to leases of low-value assets during the nine-month period ended September 30, 2021.

12. Investment property

(1) Details of investment property as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	_Septe	<u>mber 30, 2021</u> <u>Decem</u>	nber 31, 2020
Acquisition cost	₩	1,247,643 ₩	699,720
Accumulated depreciation			
and accumulated impairment loss		(139,923)	(130,564)
·	₩	1,107,720 ₩	569,156

(2) Changes in investment property for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

				For the ni	ne-m	onth period en	ded S	September 3	0, 2	021		
		Beginning				•		-				Ending
		balance		Acquisition		Disposal	De	preciation		Others (*1)		balance
Land	₩	501,528	₩	-	₩	(5,564)	₩	-	₩	156,456	₩	652,420
Buildings		63,800		83,719		(108,950)		(11,052)		423,628		451,145
Structures		3,828		452		<u>-</u>		(119)		(6)		4,155
	₩	569,156	₩	84,171	₩	(114,514)	₩	(11,171)	₩	580,078	₩	1,107,720
	For the nine-month period ended September 30, 2020											
		Beginning										Ending
		balance		Acquisition		Disposal	De	preciation		Others (*1)		balance
Land	₩	241,383	₩	111	₩	(6,527)	₩	-	₩	156,569	₩	391,536
Buildings		245,891		313		(84,660)		(5,992)		13,714		169,266
Structures		484						(49)				435
	₩	487,758	₩	424	₩	(91,187)	₩	(6,041)	₩	170,283	₩	561,237

(*1) This includes transferred amounts to property, plant and equipment, net translation differences and others.

13. Goodwill

(1) Changes in goodwill for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	Sept	ember 30, 2021	September 30, 2020
Beginning balance	₩	4,463,951	₩ 2,598,464
Business combination (see Note 35)		850,669	1,598,442
Others (*1)		153,345	36,974
Ending balance	₩	5,467,965	₩ 4,233,880

(*1) Others include net translation differences, retroactive adjustment amount of identifiable net assets in accordance with past business combination.

14. Intangible assets

Details of intangible assets for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		For th	ne nine-month p	eriod ended Se	otember 30, 20)21	
	Beginning	Business					Ending
	balance	combination	Acquisitions	Disposals /	Amortization	Others (*2)	balance
Development costs	₩ 219,166	₩ 1,382	₩ 53,268 ₩	₹ (1,733)₩	(45,642)	₩ 32,519	₩ 258,960
Facility usage rights	43,505	-	868	(7)	(5,305)	1,990	41,051
Industrial property rights	87,019	37,528	20,204	(272)	(7,671)	(16,385)	120,423
Frequency usage rights	1,932,765	-	219,577	-	(386,809)	-	1,765,533
Customer-related assets	2,999,320	59,269	5,139	(451)	(197,338)	92,444	2,958,383
Membership (*1)	284,835	-	15,755	(10,485)		478	290,583
Development costs for petroleum	1,149,011	-	55,953	-	(23,160)	(595,136)	586,668
resource							
Brand-related assets (*1)	2,631,393	10	-	-	-	4,273	2,635,676
Developed technology	989,587	-	-	-	(117,435)	74,309	946,461
Others (*3)	1,692,511	237,152	73,070	(6,614)	(460,885)	31,201	1,566,435
	₩ 12,029,112	₩ 335,341	₩ 443,834 ₩	₹ (19,562) ₩	(1,244,245)	₩ (374,307)	₩11,170,173
		For th	ne nine-month p	eriod ended Se	otember 30, 20)20	
	Beginning	Business	-	,			Ending
	balance	combination	Acquisitions	Disposals /	Amortization	Others (*2)	balance
Development costs	₩ 151,824	₩ -	₩ 48,739 ₩	₹ (365)₩	(27,656)	₩ 4,770	
Facility usage rights	48,300	_	0.740				₩ 177,312
			2,749	(3)	(5,438)	1,072	₩ 177,312 46,680
Industrial property rights	74,659		2,749 1,590	(3) (139)	(5,438) (4,926)	1,072 16,119	,
Industrial property rights Frequency usage rights	74,659 2,647,501		, -		(-,,		46,680
	,	-	, -	(139)	(4,926)	16,119	46,680 87,303
Frequency usage rights	2,647,501	- - 710,404	1,590	(139) -	(4,926) (389,232)	16,119 (12,388)	46,680 87,303 2,245,881
Frequency usage rights Customer-related assets	2,647,501 2,221,365	710,404 50,365	1,590 - 8,893	(139) - (1,543)	(4,926) (389,232)	16,119 (12,388) 70,215	46,680 87,303 2,245,881 2,830,533
Frequency usage rights Customer-related assets Membership (*1) Development costs for petroleum	2,647,501 2,221,365 237,662	710,404 50,365	1,590 - 8,893 26,928	(139) - (1,543)	(4,926) (389,232) (178,801)	16,119 (12,388) 70,215 (627)	46,680 87,303 2,245,881 2,830,533 298,023
Frequency usage rights Customer-related assets Membership (*1) Development costs for petroleum resource	2,647,501 2,221,365 237,662 1,492,031	710,404 50,365	1,590 - 8,893 26,928	(139) - (1,543)	(4,926) (389,232) (178,801)	16,119 (12,388) 70,215 (627) (18,941)	46,680 87,303 2,245,881 2,830,533 298,023 1,538,848
Frequency usage rights Customer-related assets Membership (*1) Development costs for petroleum resource Brand-related assets (*1)	2,647,501 2,221,365 237,662 1,492,031 2,596,643	710,404 50,365 - 50,814	1,590 - 8,893 26,928	(139) - (1,543)	(4,926) (389,232) (178,801) - (53,164)	16,119 (12,388) 70,215 (627) (18,941)	46,680 87,303 2,245,881 2,830,533 298,023 1,538,848 2,618,976

- (*1) Membership and brand-related assets are classified as intangible assets with infinite useful lives and are not amortized.
- (*2) This includes exclusion from the scope of consolidation, impairment loss, net translation differences, transfer to intangible assets or property, plant and equipment from construction-in-progress and others.
- (*3) This comprises intangible assets recognized through business combination, software, usable and profitable donation assets and others.

15. Borrowings and bonds payable

(1) Details of borrowings and bonds payable as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		Septembe	r 30, 2021	<u>December</u>	· 31, 2020
		Current	Non-current	Current	Non-current
Short-term borrowings (*1)	₩	7,522,619	₩ -	₩ 6,201,430	₩ -
Bonds and long-term borrowings:					
Bonds payable		5,435,742	30,068,349	4,767,907	26,399,587
Long-term borrowings		1,353,755	13,690,670	1,448,871	10,443,923
		6,789,497	43,759,019	6,216,778	36,843,510
	₩	14,312,116	₩ 43,759,019	₩ 12,418,208	<u>₩ 36,843,510</u>

- (*1) It includes borrowings collateralized for trade receivables of $\mbox{$\mathbb{W}$}109,103$ million and $\mbox{$\mathbb{W}$}188,155$ million as of September 30, 2021 and December 31, 2020, respectively, which were transferred but not derecognized.
- (2) Details of bonds payable as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	September 30, 2021	December 31, 2020
SK Inc.	₩ 6,590,000	
SK Innovation Co., Ltd.	2,102,450	1,604,000
SK Energy Co., Ltd.	3,570,000	3,300,000
SK Geo Centric Co., Ltd.	1,860,000	1,610,000
(formerly, SK Global Chemical Co., Ltd.)		
SK Incheon Petrochem Co., Ltd.	2,005,000	1,870,000
SK Lubricants Co., Ltd.	720,000	840,000
SK Battery America, Inc.	1,184,900	-
SK Telecom Co., Ltd.	6,961,880	6,895,600
SK Broadband Co., Ltd.	1,745,470	1,686,400
SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.)	230,823	24,782
SK Networks Co., Ltd.	1,190,000	1,030,000
SK Magic Co., Ltd.	360,000	280,000
SK Rent-a-Car Co., Ltd.	720,000	375,000
SKC Co., Ltd.	399,645	312,943
SKC Solmics Co., Ltd.	-	41,760
SK Telesys Co., Ltd.	30,000	30,000
SKC Hightech & Marketing Co., Ltd.	10,000	59,376
SK E&S Co., Ltd.	1,380,000	1,020,000
Paju Energy Service Co., Ltd.	730,000	730,000
Narae Energy Service Co., Ltd.	360,000	420,000
Yeoju Energy Service Co., Ltd.	200,000	200,000
SK ecoplant Co., Ltd.	1,608,000	1,008,000
SK Materials Co., Ltd.	745,000	455,000
SK Siltron Co., Ltd.	779,000	924,000
SIGNET EV Inc.	2,800	<u> </u>
	35,484,968	31,116,861
Addition: premium on bonds payable	19,123	50,633
Less: current portion	(5,435,742)	
	₩ 30,068,349	<u>₩ 26,399,587</u>

15. Borrowings and bonds payable (cont'd)

(3) Details of long-term borrowings as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

Financial institution	Description	Interest rate (%)	September 30, 2021	December 31, 2020
Korea Development Bank and others	General	0.00 ~ 4.75	₩ 7,738,061	₩ 6,050,756
Korea Development Bank and others	Fund for facility	$0.00 \sim 4.90$	4,437,705	2,925,741
Standard Charted Bank and others	Foreign borrowings	0.00 ~ 8.00	1,083,375	1,374,882
Korea Energy Agency (*1)	Fund for mine exploration	0.00 ~ 8.80	54,186	83,853
Econg 1st Co., Ltd. and others	Callable preferred share	2.70 ~ 2.95	100,000	100,000
Korea Development Bank and others	Fund for operation	$0.00 \sim 2.78$	265,419	97,650
Korea Development Bank and others	Fund for supply pipeline	1.75	7,094	7,602
KEB Hana Bank	Fund for reasonable energy consumption	1.75	3,569	3,660
NH Bank	Fund for safety management	1.75	182	261
Korea Development Bank and others (*2)	Takeover	LIBOR(3M) + 1.60	165,886	152,320
Mizuho Bank and others (*3)	Takeover	EURIBOR(3M) + 0.70	221,264	215,457
MD Prime 1st Co., Ltd. and others	Others	3.07, 3.20	1,007,818	909,976
			15,084,559	11,922,158
Less: discount			(40,134)	(29,364)
Less: current portion			(1,353,755)	(1,448,871)
			<u>₩ 13,690,670</u>	<u>₩ 10,443,923</u>

- (*1) As of September 30, 2021 and December 31, 2020, SK Innovation Co., Ltd., a subsidiary of the Group, holds a loan amounting to \$\pm\$50,850 million and \$\pm\$53,191 million from Korea Energy Agency for the purpose of oil exploration and development in which there is no repayment obligation in case for failure in exploration.
- (*2) SK Geo Centric Co., Ltd. (formerly, SK Global Chemical Co., Ltd.), one of the subsidiaries, has a repayment obligation for borrowings of SK Global Chemical Americas, Inc. in the event of default. The purpose of the borrowings of SK Global Chemical Americas, Inc. was to acquire The Dow Chemical Company's EAA business domiciled in the US and Spain and its tangible and intangible assets.
- (*3) SK Geo Centric Co., Ltd. (formerly, SK Global Chemical Co., Ltd.), one of the subsidiaries, has a repayment obligation for borrowings of SK Functional Polymer S.A.S in the event of default. The purpose of the borrowings of SK Functional Polymer S.A.S was to acquire high-functional polymer business and the related tangible and intangible assets.

Long-term borrowings presented above are to be repaid either in installments or all at once upon maturity. Financial instruments and other assets of the Group are pledged as detailed in Note 32.

16. Provisions

Changes in provisions for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	For the nine-month period ended September 30, 2021										
	Beginning			Ending					Non-		
	t	palance	_In	crease	D	ecrease	balance	C	urrent	С	urrent
Provision for sale warranties	₩	91,319	₩	29,307	₩	(5,236)₩	115,390	₩	4,939	₩	110,451
Provision for service / construction warranties		101,415		16,462		(14,213)	103,664		103,216		448
Provision for restoration		166,855		333,139		(8,290)	491,704		63,850		427,854
Provision for onerous contracts		353,075		10,795		(65,778)	298,092		281,980		16,112
Other provisions		224,737		137,383		(185,777)	176,343		157,342		19,001
	₩	937,401	₩	527,086	₩	(279,294) \text{\ti}}}}}}} \text{\tex{\tex	1,185,193	₩	611,327	₩	573,866

		For the nine-month period ended September 30, 2020									
	Begin	ning	Business				Endir	ıg			Non-
	bala	nce	combination	In	crease	Decrease	balan	ce	Current		current
Provision for sale warranties	₩ 7	75,025 ₹	₩ -	₩	18,195 ₹	₩ (6,609)	₩ 86	5,611	₩ 4,736	₩	81,875
Provision for service / construction warranties	ę	93,034	-		13,870	(10,103)	96	3,801	96,80	I	-
Provision for restoration	16	30,170	626		16,392	(7,018)	170),170	46,344	1	123,826
Provision for onerous contracts	15	52,857	-		16,371	(42,517)	126	3,711	124,030)	2,681
Other provisions	33	35,54 <u>5</u>	3,056		140,190	(244,490)	234	1,301	220,51	<u> </u>	13,790
	₩ 81	16,631	₹ 3,682	₩	205,018	₩ (310,737)	₩ 714	,594	₩ 492,422	₩	222,172

17. Defined benefit liabilities

(1) Details of defined benefit liabilities as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	<u>Septe</u>	mber 30, 2021	Dece	mber 31, 2020
Present value of defined benefit obligation	₩	3,659,176	₩	3,491,805
Fair value of plan assets (*1)		(2,971,170)		(3,054,840)
	₩	688,006	₩	436,965

- (*1) As of December 31, 2020, the Group recognized ₩4,948 million as defined benefit assets.
- (2) Changes in defined benefit liabilities for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		the nine-month po Present value of defined benefit obligation	eriod ended Septemb Fair value of plan assets	oer 30, 2020 Total
Beginning balance	₩	3,491,805 \	(3,054,840) ₩	436,965
Business combination		3,181	-	3,181
Provision for pension benefits:				
Current service cost		338,902	-	338,902
Past service cost		157	-	157
Net interest expense (income)		60,010	(53,093)	6,917
Remeasurement:				
Return on plan assets (excluding amounts included in net interest expenses)		-	16,168	16,168
Actuarial changes arising from changes in financial assumptions and others		(35,691)	-	(35,691)
Contributions by employer directly to plan assets		-	(68,315)	(68,315)
Benefit paid		(249,160)	245,768	(3,392)
Others		49,972	(56,858)	(6,886)
Ending balance	₩	3,659,176	<u>₹ (2,971,170</u>) <u>₩</u>	688,006

17. Defined benefit liabilities (cont'd)

	For the nine-month period ended September 30, 2020					
	Present value					
	of defined					
		benefit	Fa	air value of		
		obligation	p	olan assets	Total	
Beginning balance	₩	3,171,225	₩	(2,763,924) ₩	407,301	
Business combination		14,743		(10,383)	4,360	
Provision for pension benefits:				, ,		
Current service cost		331,135		-	331,135	
Past service cost		738		-	738	
Net interest expense (income)		50,021		(46,822)	3,199	
Remeasurement:						
Return on plan assets		-		7,510	7,510	
(excluding amounts included in net interest expenses)						
Actuarial changes arising from changes		46,969		-	46,969	
in financial assumptions and others						
Contributions by employer directly to plan assets		-		(93,238)	(93,238)	
Benefit paid		(198,154))	211,137	12,983	
Others		40,499		(34,926)	5,573	
Ending balance	₩	3,457,176	₩	(2,730,646) ₩	726,530	

18. Other assets and liabilities

(1) Details of other assets as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	Septe	mber 30, 2021	December 31, 2020
Current assets:			
Short-term loans	₩	185,570	₩ 193,526
Accrued income		130,778	154,932
Advanced payments		982,779	830,073
Prepaid expenses		2,842,258	2,730,042
Guarantee deposits		402,461	356,573
Derivative financial assets		234,449	129,821
Lease receivables		24,171	56,838
Other contract assets		136,209	100,700
Others		134,055	121,713
	₩	5,072,730	₩ 4,674,218
Non-current assets:			
Long-term prepaid expenses	₩	1,164,955	₩ 1,428,210
Long-term loans		380,243	416,482
Guarantee deposits		645,785	574,946
Derivative financial assets		904,409	596,215
Long-term lease receivables		40,255	25,079
Other long-term contract assets		47,414	47,675
Others		287,267	217,889
	₩	3,470,328	₩ 3,306,496

18. Other assets and liabilities (cont'd)

(2) Details of other liabilities as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	Septembe	r 30, 2021	December 31, 2020
Current liabilities:			
Accrued expenses	₩	3,645,322	₩ 3,964,534
Dividends payable		887	840
Advances received		1,576,224	1,779,351
Unearned revenue		89,397	62,879
Withholdings		2,221,935	2,238,208
Deposits withheld		215,401	210,035
Current tax liabilities		1,180,244	1,161,735
Derivative financial liabilities		413,749	96,665
Lease liabilities		1,224,716	2,244,201
Finance guarantee liabilities		708	832
Financial liabilities at fair value through profit or loss		136,695	-
Other contract liabilities		368,568	297,350
Others		102,424	18,832
	₩ ′	11,176,270	<u>₩ 12,075,462</u>
Non-current liabilities:			
Long-term accrued expenses	₩	23,041	₩ 10,610
Long-term unearned revenue		638,456	571,257
Deposits withheld		335,066	262,079
Derivative financial liabilities		452,930	734,225
Long-term lease liabilities		3,554,592	3,421,750
Financial guarantee liabilities		16,603	21,447
Financial liabilities at fair value through profit or loss		59,123	-
Other long-term contract liabilities		47,404	40,011
Others (*1)		226,862	209,330
	₩	5,354,077	₩ 5,270,709

^(*1) Includes long-term employee benefit liabilities amounting to ₩121,861 million and ₩117,973 million as of September 30, 2021 and December 31, 2020, respectively.

19. Derivative financial assets and liabilities

Details of derivative financial assets and liabilities as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		September 30	0, 2021	December 31, 2020		
	Current No		lon-current	Current	Non-current	
Firm contracts	₩	30,683 ₩	4,735 ₩	₹ (25,471)	₩ 5,488	
Swap contracts		(146,593)	253,145	27,906	(640,075)	
Forward contracts		(45,431)	(401,263)	10,036	2,008	
Futures contracts		(10,294)	1,619	4,608	1,673	
Options contracts		(7,665)	593,243	16,077	492,896	
	₩	<u>(179,300</u>)₩	<u>451,479</u> ₹	∀ 33,156	<u>₩ (138,010</u>)	
Derivative financial assets	₩	234,449 ₩	904,409 ₩	[₹] 129,821	₩ 596,215	
Derivative financial liabilities		(413,749)	(452,930)	(96,665)	(734,225)	

20. Equity

(1) Details of issued capital as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions, except for number of shares):

	Septe	ember 30, 2021	December 31, 2020
Number of shares authorized for issue		400,000,000	400,000,000
Per share (Korean won)	₩	200	₩ 200
Number of shares issued:			
Ordinary share		70,360,297	70,360,297
Preferred share		566,135	566,135
Issued capital:			
Ordinary share	₩	15,272	₩ 15,272
Preferred share		113	113
	$\overline{\mathbb{W}}$	15,385	<u>₩ 15,385</u>

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

(2) Details of other paid-in capital as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	_Septe	<u>mber 30, 2021</u> <u>Dece</u>	mber 31, 2020
Additional paid-in capital (*1)	₩	5,605,831 ₩	5,605,831
Treasury shares (*2)		(1,811,340)	(1,811,454)
Others		3,163,904	1,455,769
	₩	6,958,395 ₩	5,250,146

- (*1) During the year ended December 31, 2015, the Company repurchased treasury shares of \text{\$\psi 3,369,395\$ million from merger with the former SK Inc., which was recognized as a contraequity account on additional paid-in capital.
- (*2) As of September 30, 2021, treasury shares consist of those acquired to increase the enterprise value and to stabilize share price (7,033,831 ordinary shares) and those acquired from repurchase of shares from dissenting shareholders on business combination and shares arising from odd lot shares (11,019,129 ordinary shares and 1,787 preferred shares) during the year 2015.
- (3) Details of retained earnings as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	<u>Septer</u>	mber 30, 2021	Decer	mber 31, 2020
Legal reserve (*1)	₩	7,693	₩	7,693
Voluntary reserve		62,897		62,897
Unappropriated retained earnings		12,815,889		12,426,086
	$\overline{\mathbb{W}}$	12,886,479	₩	12,496,676

(*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.

20. Equity (cont'd)

(4) Details of other components of equity as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	_Septer	<u>mber 30, 2021</u>	<u>December 31, 2020</u>
Net gain on valuation of financial assets	₩	339,674	₩ 151,824
measured at FVOCI			
Equity adjustments of investments in associates and joint ventures		(66,337)	(163,810)
Net gain on valuation of derivative instruments		24,678	24,898
Net gain (loss) on translation of foreign operation		500,991	(340,075)
	₩	799,006	₩ (327,163)

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

1) SK Inc.

	1-1	1-2	1-3	2
Grant date	2017-03-24	2017-03-24	2017-03-24	2020-03-25
Type of shares to be issued	Ordinary shares			
Grant method	lower than the st the Group may	ry shares, but if th cock's real price (ev settle the difference difference amoun	valuated based on be in cash or with	exercise date),
Number of shares (shares)	41,429	41,430	41,431	214,038
Exercise price (Korean won)	₩ 226,290	₩ 244,400	₩ 263,950	₩ 153,450
Contractual life of options	2019.03.25	2020.03.25	2021.03.25	2023.03.26
	~2022.03.24	~2023.03.24	~2024.03.24	~2027.03.25
Vesting conditions	2 years service from the grant date	3 years service from the grant date	4 years service from the grant date	2 years service from the grant date

Share compensation expense recognized during the current reporting period is \$5.14 million (total: \$5.177 million), and the remaining share compensation expense to be recognized in later periods is \$871 million. Apart from the above share options, the Company has entered into a Stock Grant in which the employees are granted with treasury shares free of charge. For the Stock Grant, there is no separate vesting condition, and may not be transferred within the term. As of September 30, 2021, the stock compensation expenses recognized in relation to Stock Grant are \$119 million.

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

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

20. Equity (cont'd)

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

	Current	Accumulated	Remaining	Total
Subsidiaries of SK Innovation Co., Ltd. $\overline{\mathbb{W}}$	1,581 ₩	3,457	₩ 5,127	₩ 8,584
Subsidiaries of SK Telecom Co., Ltd.	4,156	11,745	13,264	25,009
Subsidiaries of SK Networks Co., Ltd.	635	1,363	1,852	3,215
Subsidiaries of SKC Co., Ltd.	1,250	2,544	3,396	5,940
Subsidiaries of SK E&S Co., Ltd.	-	496	14	510
Others	1,100	2,663	2,663	5,326
$oldsymbol{\mathbb{W}}$	8,722 ₩	22,268	₩ 26,316	₩ 48,584

21. Selling and administrative expenses

Details of selling and administrative expenses for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	September 30, 2021					September 30, 2020			
	T	hree-month		Nine-month	Three-month			Nine-month	
Salaries	₩	359,947	₩	1,079,214	₩	327,467	₩	980,881	
Provision for pension benefits		28,836		95,452		37,981		144,190	
Employee welfare benefits		68,078		231,245		59,497		195,190	
Travel		12,828		31,615		8,569		29,073	
Bad debt expenses		13,401		38,566		27,484		67,827	
Communications		2,308		6,346		1,774		5,643	
Utilities		8,663		24,770		7,728		23,579	
Taxes and dues		67,737		123,483		20,030		71,480	
Supplies		8,893		26,087		7,382		22,697	
Rents		37,280		104,418		40,977		129,312	
Depreciation		112,182		334,867		128,602		330,062	
Amortization		63,028		223,633		63,597		183,351	
Repairs		6,077		18,791		7,535		21,809	
Insurance		15,933		41,828		10,513		32,397	
Advertising		172,329		450,724		156,516		401,642	
Research and development		131,232		368,085		106,267		284,090	
Education and examination		12,268		51,299		10,886		37,446	
Outsourcing technology service	s	200,793		583,434		197,303		648,730	
Transport		108,984		287,281		80,242		227,186	
Others		23,655		91,845		34,268		107,215	
	₩	1,454,452	₩	4,212,983	₩	1,334,618	₩	3,943,800	

22. Finance income and costs

Details of finance income and costs for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		September	2021		September	30,	2020	
		Three-month		Nine-month	Th	ree-month	1	Nine-month
Financial income:								
Interest income	₩	43,699	₩	119,352	₩	40,353	₩	147,820
Gain on foreign currency transactions		273,437		805,524		242,908		1,032,840
Gain on foreign currency translation		120,797		275,842		36,202		238,654
Gain on transactions of derivatives		282,692		676,204		279,035		2,134,494
Gain on valuation of derivatives		284,719		451,862		151,902		404,203
Others		6,785		145,261		2,692		3,831
	₩	1,012,129	₩	2,474,045	₩	753,092	₩	3,961,842
		September	r 30,	2021		September	30,	2020
		Three-month		Nine-month	Th	ree-month	1	Nine-month
Financial expenses:								
Interest expenses	₩	371,363	₩	1,060,840	₩	346,182	₩	1,057,562
Loss on foreign currency transactions		318,786		882,391		203,539		1,152,327
Loss on foreign currency translation		275,577		484,661		10,513		219,500
Loss on transactions of derivatives		244,541		848,436		228,153		2,031,064
Loss on valuation of derivatives		301,837		469,123		(16,476)		94,354
Others		38,562		85,865		9,309		22,534
	₩	1,550,666	₩	3,831,316	₩	781,220	₩	4,577,341

23. Other non-operating income and expenses

(1) Details of other non-operating income for the three-month and the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		September	, 2021	September 30, 2020			, 2020	
		Three-month	Nine-month		Three-month		Nine-month	
Other non-operating income:								
Dividend income	₩	22,980	₩	32,853	₩	5,045	₩	18,357
Rental income		183		667		235		835
Gain on disposal of trade receivables	3	7,528		25,824		7,321		14,834
Gain on disposal of investments in associates and joint ventures		24,708		399,157		257,655		961,731
Gain on disposal of property, plant and equipment		46,531		198,001		4,551		62,101
Gain on disposal of intangible assets		59,521		145,787		1,974		16,468
Others		106,317		1,050,999		144,262		293,590
	₩	267,768	₩	1,853,288	₩	421,043	₩	1,367,916

23. Other non-operating income and expenses (cont'd)

(2) Details of other non-operating expenses for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

_	September	r 30, 2021	September	r 30, 2020
_	Three-month	Nine-month	Three-month	Nine-month
Other non-operating expenses:				
Loss on disposal of trade receivables 4	₹ 3,605	₩ 11,364	₩ 3,690	₩ 12,144
Loss on impairment of investments in associates	457	3,801	-	434
Loss on disposal of property, plant and equipment	26,712	75,027	24,632	296,243
Loss on impairment of property, plant and equipment	2,372	5,032	8,199	83,191
Loss on disposal of intangible assets	325	2,139	5,132	6,115
Loss on impairment of intangible assets	-	2,726	1,482	14,715
Donations	5,377	44,969	14,605	66,609
Others _	186,801	1,259,184	49,748	332,827
<u>=</u>	₹ 225,649	₩ 1,404,242	₩ 107,488	₩ 812,278

24. Expense classified based on nature of expense

Details of classification based on nature of expenses for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		September 30, 2021			September 30, 2020				
		Three-month		Nine-month		Three-month		Nine-month	
Employee benefits	₩	1,783,493	₩	5,477,687	₩	1,623,929	₩	5,013,736	
Depreciation and amortization		2,123,977		6,185,980		1,977,791		5,867,652	
Network connection		210,547		634,924		270,398		672,394	
Transport		215,507		594,437		204,632		500,641	
Advertising		172,566		462,572		176,336		407,856	
Lease payments and rents		114,412		325,319		158,445		409,769	
Others		5,113,586		13,836,511		3,832,294		12,888,462	
Use of raw materials and purchase of finished goods and merchandise		15,137,703		41,505,030		10,742,116		35,449,825	
Changes in finished goods and									
semi-finished good		(865,737)		(2,123,115)		308,901		805,761	
	₩	24,006,054	₩	66,899,345	₩	19,294,842	₩	62,016,096	

25. Income taxes

The Group calculated 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.

The average effective tax rate from continuing operations in the nine-month periods ended September 30, 2021 and 2020 are 40.08% and 6.09%, respectively.

26. Earnings (loss) per share

(1) Basic earnings (loss) per share for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

		September 30, 2021				September 30, 2020				
		Three-month		Nine-month		Three-month		Nine-month		
Profit for the period attributable to owners of the parent	₩	16,024	₩	749,255	₩	506,797	₩	330,288		
Less: preferred share dividends		(853)		(3,407)		(571)		(2,279)		
Profit for the period attributable to ordinary share owners of the parent		15,171		745,848		506,226		328,009		
Weighted-average number of										
ordinary share outstanding (*1)		52,307,337		52,307,184		52,306,283		52,304,997		
Basic earnings per share										
(In Korean won)	₩	290	₩	14,259	₩	9,679	₩	6,271		

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

The basis of calculating the weighted-average number of ordinary shares for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows:

	September 3	30, 2021	September 30, 2020			
	Three-month	Nine-month	Three-month	Nine-month		
Weighted-average number of shares outstanding	70,360,297	70,360,297	70,360,297	70,360,297		
Weighted-average number of treasury shares	(18,052,960)	(18,053,113)	(18,054,014)	(18,055,300)		
Weighted-average number of issued shares outstanding	52,307,337	52,307,184	52,306,283	52,304,997		

Diluted earnings per share for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

		September 30, 2021				September 30, 2020				
		Three-month		Nine-month Three-month				Nine-month		
Profit for the period attributable	₩	15,171	₩	745,848	₩	506,226	₩	328,009		
to ordinary share owners of the parent										
Weighted-average number of										
diluted ordinary share outstanding		52,407,962		52,415,377		52,368,554		52,362,291		
Diluted earnings per share										
(In Korean won)	₩	289	₩	14,230	₩	9,667	₩	6,264		

The basis of calculating the weighted-average number of diluted ordinary shares for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows:

	September:	30, 2021	September 30, 2020			
	Three-month	Nine-month	Three-month	Nine-month		
Weighted-average number of shares outstanding	52,307,337	52,307,184	52,306,283	52,304,997		
Effect of exercise of stock option Weighted-average number of	100,625	108,193	62,271	57,294		
diluted ordinary shares outstanding	52,407,962	52,415,377	52,368,554	52,362,291		

26. Earnings (loss) per share (cont'd)

(2) Basic and diluted earnings (loss) per share from continuing operations

Basic earnings (losses) per share from continuing operations for the three-month and the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions, except basic earnings (losses) per share and weighted-average number of ordinary shares outstanding):

		September 30, 2021			September 30, 2020				
		Three-month		Nine-month		Three-month		Nine-month	
Profit for the period attributable to owners of the parent	₩	15,171	₩	745,848	₩	506,226	₩	328,009	
Less: profit (loss) from discontinued operations		18,915		110,933		(567)		35,159	
Profit (loss) for the period from continuing operations attributable to owners of the parer	nt	(3,744)		634,915		506,793		292,850	
Weighted-average number of ordinary shares outstanding Basic earnings (loss) per share from		52,307,337		52,307,184		52,306,283	_	52,304,997	
continuing operations (In Korean won)	₩	(72)	₩	12,138	₩	9,690	₩	5,600	

Diluted earnings (losses) per share from continuing operations for the three-month and the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions, except basic earnings (losses) per share and weighted-average number of ordinary shares outstanding):

		September 30, 2021			September 30, 2020				
		Three-month		Nine-month		Three-month		Nine-month	
Profit (loss) for the period from continuing	₩	(3,744)	₩	634,915	₩	506,793	₩	292,850	
operations attributable to owners of the paren	ıt								
Weighted-average number of									
diluted ordinary shares outstanding		52,307,337		52,415,377		52,368,554		52,362,291	
Basic earnings (loss) per share from									
continuing operations (In Korean won) (*1)	₩	<u>(72</u>)	₩	12,113	₩	9,678	₩	5,593	

- (*1) For the three-month period ended September 30, 2021, the diluted loss per share from continuing operations is the same as the basic loss per share from continuing operations since there is no dilution effect related to the stock options.
- (3) Basic earnings (loss) per share from discontinued operations

Basic earnings (loss) per share from discontinued operations for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions, except basic earnings (loss) per share and weighted-average number of ordinary shares outstanding):

		September 30, 2021				September	30, 2	30, 2020	
		Three-month Nine-month			Three-month		Nine-month		
Profit (loss) from discontinued operations	₩	18,915	₩	110,933	₩	(567)	₩	35,159	
Weighted-average number of ordinary shares outstanding		52,307,337		52,307,184		52,306,283		52,304,997	
Basic earnings (loss) per share from									
discontinued operations (In Korean won)	₩	362	₩	2,121	₩	<u>(11)</u>	₩	671	

Diluted earnings (loss) per share from discontinued operations for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions, except basic earnings (loss) per share and weighted-average number of ordinary shares outstanding):

		September 30, 2021				September 30, 2020				
		Three-month Nine-month				Three-month	Nine-month			
Profit (loss) from discontinued operations	₩	18,915	₩	110,933	₩	(567) W	35,159			
Weighted-average number of diluted ordinary shares outstanding		52,407,962		52,415,378		52,306,283	52,362,291			
Basic earnings (loss) per share from										
discontinued operations (In Korean won)	₩	361	₩	2,117	₩	<u>(11)</u> <u>W</u>	671			

27. Transactions with related parties

Balances on transactions arising from intercompany transactions within the Group were eliminated in preparing the interim condensed consolidated financial statements for the nine-month periods ended September 30, 2021 and 2020.

(1) Details of significant transactions with the related parties for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

			September 30	, 2021	
		Sales	, etc.	Expens	es, etc.
	Company name	Three-month	Nine-month	Three-month	Nine-month
Other	Daehan Oil Pipeline Corporation	₩ 227	₩ 5,184	₩ 15,540	₩ 46,686
related	SABIC SK Nexlene Company Pte. Ltd.	275	603	53,375	152,969
parties	Korea Nexlene Company	49,366	134,606	2	631
	Best Oil Company Limited	158,017	530,725	3	257
	Asia Bitumen Trading Pte. Ltd.	4,200	6,745	9,479	9,479
	Sinopec-SK(Wuhan) Petrochemical Co., Ltd.	330	985	178,028	465,837
	Baic Eletronics SK(Jiangsu) Technology Co., Ltd.	16,871	47,190	129,723	316,241
	Xinglu (HongKong) Ltd.	30,628	78,005	4,191	4,191
	F&U Credit Information Co., Ltd.	965	2,926	12,777	38,677
	Wave City Development Co., Ltd.	11,906	13,056	-	-
	SK Hynix Inc.	514,651	2,307,511	5,639	15,341
	SK Hynix Semiconductor (China) Ltd.	100,044	271,425	528	1,206
	SK Hynix semiconductor (Chongqing) Ltd.	7,579	25,284	-	-
	SK Hynix Semiconductor HK Ltd.	-	-	235,291	688,816
	SK Hynix System IC Co., Ltd.	9,447	32,836	2	33
	Happynarae Co., Ltd.	3,732	18,279	80,946	259,489
	SKC Evonik Peroxide Korea Co., Ltd.	5	3,904	13,048	37,871
	Mitsui Chemicals & SKC Polyurethanes, Inc.	68,992	203,518	3,638	12,273
	Boryeong LNG Terminal Co., Ltd.	9,030	41,457	27,520	70,630
	Huizhou EVE United Energy Co., Ltd.	50,875	90,966	215,561	507,838
	Daewon Green Energy Co., Ltd.	8,386	109,808	-	-
	Eurasia Tunnel	624	2,053	-	-
	Xe-Pian Xe-Namnoy Power Company	979	7,075	-	-
	Others	115,258	324,531	24,631	86,917
Others (*2)	Ulsan Aromatics Co., Ltd.	23,150	50,866	17,707	50,677
	SK D&D Co., Ltd.	932	92,077	1,496	3,949
	SK Chemicals Co., Ltd.	22,555	62,674	7,387	17,611
	SK Gas Co., Ltd.	63,653	105,922	74,950	165,987
	Ubins Co., Ltd.	193	794	20,150	56,795
	Others	102,487	206,982	89,021	219,748
		₩ 1,375,357	₩ 4,777,987	₩ 1,220,633	₩ 3,230,149

27. Transactions with related parties (cont'd)

		September 30, 2020								
		Sales	, etc.	Expens	es, etc.					
	Company name	Three-month	Nine-month	Three-month	Nine-month					
Other	Daehan Oil Pipeline Corporation	₩ 603	₩ 5,331	₩ 15,274	₩ 45,743					
related	SABIC SK Nexlene Company Pte. Ltd.	71	212	42,516	117,906					
parties	Korea Nexlene Company	35,633	120,857	1	7					
	Best Oil Company Limited	78,383	357,741	-	-					
	Asia Bitumen Trading Pte. Ltd.	5,835	38,363	-	1,982					
	Hana land chip PEF 33 (*1)	8,129	16,165	9,724	26,911					
	Sinopec-SK(Wuhan) Petrochemical Co., Ltd.	362	1,102	130,584	380,347					
	F&U Credit Information Co., Ltd.	676	1,934	12,864	39,332					
	Wave City Development Co., Ltd.	8,574	33,547	58	68					
	SK Hynix Inc.	796,765	2,654,356	4,728	27,285					
	SK Hynix Semiconductor (China) Ltd.	19,374	208,906	408	1,339					
	SK Hynix semiconductor (Chongqing) Ltd.	5,695	16,723	-	-					
	SK Hynix Semiconductor HK Ltd.	-	-	145,465	510,176					
	SK Hynix System IC Co., Ltd.	20,794	60,389	1	1					
	Happynarae Co., Ltd.	8,197	29,473	88,812	288,951					
	SKC Evonik Peroxide Korea Co., Ltd.	-	3,674	13,072	35,431					
	Mitsui Chemicals & SKC Polyurethanes, Inc.	53,325	152,623	3,847	12,356					
	Boryeong LNG Terminal Co., Ltd.	21,086	70,183	31,297	65,310					
	Huizhou EVE United Energy Co., Ltd.	16,974	46,518	40,142	97,129					
	Eurasia Tunnel	-	2,028	-	-					
	Xe-Pian Xe-Namnoy Power Company	-	15,413	-	-					
	Others	27,880	83,083	41,789	126,311					
Others (*2)	Ulsan Aromatics Co., Ltd.	13,744	37,571	11,841	52,371					
	SK Chemicals Co., Ltd.	22,877	76,209	6,531	55,191					
	SK Gas Co., Ltd.	8,436	22,728	44,722	203,172					
	Ubins Co., Ltd.	125	439	20,454	57,312					
	Others	32,144	49,021	126,730	174,009					
		₩ 1,185,682	₩ 4,104,589	₩ 790,860	₩ 2,318,640					

^(*1) During the nine-month period ended September 30, 2021, the Group acquired additional 34.80% shares of Hana Land Chip PEF 33 and obtained control, and thus, it was excluded from other related parties.

^(*2) Although, not designated as related parties as defined in KIFRS 1024, the entity belongs to the same conglomerate affiliates under Monopoly Regulation and Fair Trade Act.

27. Transactions with related parties (cont'd)

(2) Details of significant outstanding balances of receivables and payables with the related parties as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		September 30, 2021				December 31, 2020			
		Re	ceivables	_	R	eceivables	_		
	Company name		(*1)	Payables		(*1)	Payables		
Other	Daehan Oil Pipeline Corporation	₩	98 ₩	8,422	₩	332 ₩	8,094		
related	SABIC SK Nexlene Company Pte. Ltd.		4,049	39,707		7,329	29,817		
parties	Korea Nexlene Company		20,808	132		13,112	156		
•	Best Oil Company Limited		160,032	29,551		93,789	37,647		
	Hana land chip PEF 33 (*2)		-	-		5,983	8,579		
	Sinopec-SK(Wuhan) Petrochemical Co., Ltd.		357	11,425		417	11		
	Baic Eletronics SK(Jiangsu) Technology Co., Ltd.		-	135,178		6,211	59,562		
	Xinglu (HongKong) Ltd.		31,350	4,225		36,866	-		
	Korea Consortium Kazakh B.V. (*3)		111,470	-		146,170	-		
	F&U Credit Information Co., Ltd.		58	5,983		43	4,699		
	HanaCard Co., Ltd.		7,401	56,512		352	145,328		
	Wave City Development Co., Ltd.		5,753	-		42,562	19		
	SK Hynix Inc.		699,506	66,746		681,053	119,197		
	SK Hynix Semiconductor (China) Ltd.		49,635	447		35,687	314		
	SK Hynix Semiconductor (Chongqing) Ltd.		14,859	66		12,660	-		
	SK Hynix Semiconductor HK Ltd.		-	76,296		-	55,500		
	SK Hynix System IC Co., Ltd.		9,542	72		15,906	29		
	Happynarae Co., Ltd.		5,263	25,187		3,817	40,622		
	SKC Evonik Peroxide Korea Co., Ltd.		-	4,735		-	4,819		
	Mitsui Chemicals & SKC Polyurethanes, Inc.		30,097	2,717		12,117	2,815		
	Boryeong LNG Terminal Co., Ltd.		4,515	8,602		4,921	2,141		
	Pentaport Development Co., Ltd.		71,753	-		74,238	-		
	Huizhou EVE United Energy Co., Ltd.		15,832	220,135		19	72,276		
	Eurasia Tunnel		25,093	-		35,619	-		
	SK E&C JURONG Investment Singapore Pte. Ltd. (*3)		59,914	-		59,914	-		
	Xe-Pian Xe-Namnoy Power Company		157,921	26,004		139,128	26,004		
	Others		161,098	37,468		51,042	18,186		
Others (*4)	Ulsan Aromatics Co., Ltd.		4,457	6,704		3,942	6,415		
	SK Chemicals Co., Ltd.		22,364	2,579		14,567	2,266		
	SK Gas Co., Ltd.		4,467	215,638		12,655	242,355		
	Ubins Co., Ltd.		51	3,767		535	18,624		
	Others		29,245	25,447		16,251	22,067		
		₩	<u>1,706,988</u> ₩	1,013,745	₩	1,527,237 <u>\tag{\tag{4}}</u>	927,542		

- (*1) The Company recognized bad debt expense and reversal of bad debt each amounting to $\mathbb{W}3,269$ million and $\mathbb{W}(\text{-})32,624$ million for the nine-month period ended September 30, 2021 (for the nine-month period ended September 30, 2020: bad debt expense of $\mathbb{W}1,792$ million, write-off and others of $\mathbb{W}(\text{-})1,784$ million). The Company recognized the allowance for doubtful accounts amounting to $\mathbb{W}282,196$ million and $\mathbb{W}311,551$ million as of September 30, 2021 and December 31, 2020, respectively.
- (*2) During the nine-month period ended September 30, 2021, the Group acquired additional 34.80% shares of Hana Land Chip PEF 33 and obtained control, and thus, it was excluded from other related parties.
- (*3) As of September 30, 2021 and December 31, 2020, the Group recognized loss allowances in entirety for the corresponding receivables.
- (*4) Although, not designated as related parties as defined in KIFRS 1024, the entity belongs to the same conglomerate affiliates under *Monopoly Regulation and the Fair Trade Act.*

27. Transactions with related parties (cont'd)

(3) Details of significant treasury transactions with related-parties for the nine-month period ended September 30, 2021 and 2020 are as follows (Korean won in millions and foreign currencies in thousands):

		September 30, 2021		September	30, 2020	
Company name	Currency	Loans	Collection	Loans	Collection	
Halio, Inc.	USD	-	-	-	2,483	
(formerly, Kinestral Technologies Inc.)						
Yemen LNG Company Ltd.	KRW	3,813	-	5,191	-	
Huizhou EVE United Energy Co., Ltd.	KRW	-	-	69,810	-	
Zhejiang Shenxin SK Packaging Co., Ltd.	KRW	-	-	8	866	
Peru LNG Company, LLC	KRW	6,996	-	-	-	
Eurasia Tunnel	KRW	-	11,243	3,963	15,853	
Xe-Pian Xe-Namnoy Power Company	KRW	17,436	-	-	-	
Yongin Industrial Complex	KRW	5,072	-	-	-	
Development Co., Ltd.						
PT REGAS ENERGITAMA INFRASTRUKTUR	KRW	5,077	-	-	-	

- (4) There were additional capital contribution transactions for investments in associates and joint ventures for the nine-month periods ended September 30, 2021 and 2020 (see Note 9 'Investments in associates and joint ventures').
- (5) Compensation for key management personnel of the Company.

Key management personnel consists of registered executives who are responsible for the planning, operation and control of the Company's business activities. Details of compensation for them for the three-month and the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		September 30, 2021				September 30, 2020			
	Thr	Three-month		Nine-month		e-month	Nine-month		
Salaries	₩	4,066	₩	12,311	₩	3,848	₩	10,978	
Provision for pension benefits		622		7,774		514		6,172	
Share compensation expense		146		633		227		653	
	₩	4,834	₩	20,718	₩	4,589	₩	17,803	

28. Discontinued operations

(1) Details of discontinued operations

SK Innovation Co., Ltd., a subsidiary of the Group, decided to suspend operations in North American and Peruvian petroleum development (E&P) businesses during the prior period, and is in the process of selling and withdrawing related assets as of September 30, 2021, and profit or loss arising from the relevant business units are classified as profit or loss for the period from discontinued operations. The purpose of the sale of oil development (E&P) businesses in North America and Peru is in line with the long-term policy of subsidiaries to focus their capabilities on core businesses.

SK Networks Co., Ltd., a subsidiary of the Group, decided to discontinue operations with the sale of its resource business to clean up non-core businesses, strengthen its financial soundness and secure investment funds, before the prior period. Meanwhile, the oil retail business, which had been classified as discontinued operations due to the decision to sell it before the prior period, was sold in June 2020.

28. Discontinued operations (cont'd)

SKC Co., Ltd., a subsidiary of the Group, finalized its plan to sell all of its shares in SK Bioland Co., Ltd. in August 2020 which operated the BHC sector and sold it to Hyundai HCN Co., Ltd. in October 2020. The Group confirmed a plan to sell SKC Eco Solutions Co., Ltd. in December 2020 in order to promote the Exit strategy of EVA and Back Sheet solar power business and PVDF business for construction. In addition, during June 2021, the facilities related to the telecommunication equipment division of Techdream Co., Ltd., are determined to be sold with SKC Infra Services Co., Ltd., a subsidiary. The facilities were sold to Pantech C&I Engineering CO., LTD. in August 2021.

SK ecoplant Co., Ltd., a subsidiary of the Group, decided to sell its entire stake in SK TNS Co., Ltd., a subsidiary of the Group, to Network Infra Holdings LLC, for the purpose of converting a portfolio focused on eco-friendly and new energy through a resolution of the board of directors on January 7, 2021. The sale was completed in April 2021.

(2) Profit or loss for the period from the discontinued operation for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

Revenue Expenses Profit before incom- Income tax expense Profit for the period Attributable to: Owners of the par Non-controlling inf	e from ent	discontinue	l opera	ations	¥		pment ss in vation	Res bus and o SK Ne Co	the nin ourse iness thers in etworks, Ltd. 109,05: 36,15: 72,90: 20,26: 52,64: 23,39: 29,25:	9 1 9 1 0	EVA solar business in SKC Co Ltc V 3,44 1,67 1,77 V 1,77 6 1,01	1. 7 \times 4 3 \times \frac{1}{3} \times \times 3	SKC nfra Service Co., Ltd. and others	94 \\\ 32 \\\\ 90 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	SK TNS <u>Co., Ltd.</u> 282,5 126,1 156,4 37,8	41 52 <u>19</u> 33 ₩ 93	Total 1,218,310 843,618 374,692 116,648 258,044 110,933 147,111
Non-controlling in	.010313	,					00,107		20,20	U	1,01	0	10,50	7-	00,2	40	177,111
								month p	eriod e	nde	ed Septembe	er 30	, 2020				
	Dev bus SK	etroleum relopment siness in innovation	bı SK	Dil retail Isiness in Networks	bu and SK I	esourse usiness d others Networ	in E	EVA sola usiness	in	(SKC a Service Co., Ltd.		< Bioland		SK TNS		
_		Co., Ltd.		Co., Ltd.	_	o., Ltd.		C Co., I			nd others	_	Co., Ltd.		o., Ltd.	117	Total
Revenue	₩	323,786	W	512,318	W	,	28 ₩			₩	155,197	₩	67,953	W	361,656	W	1,453,930
Expenses Profit (loss) before income tax expense		244,271 79,515		404,650 107,668		23,1°	14		,925 ,133)		166,698 (11,501)		65,131 2,822		343,152 18,504		1,309,941 143,989
Income tax expense (benefit) Profit (loss) for the		28,351		26,056		(6,0)	<u>)1</u>)				3,392		<u>565</u>		5,836		<u>58,199</u>
period from discontinued operations Attributable to:	₩	51,164	₩	81,612	₩	6,1	<u>15</u> ₩	(53,	<u>.133</u>)	₩	(14,893)	₩	2,257	₩	12,668	₩	85,790
Owners of		18,905		36,260		2,7	16	(23,	,086)		(6,471)		981		5,854		35,159
the parent Non-controlling interests		32,259		45,352		3,3	99	(30,	,047)		(8,422)		1,276		6,814		50,631

28. Discontinued operations (cont'd)

(3) Details of cash flows relating to discontinued operations for the nine-month period ended September 30, 2021 and 2020 are as follows (Korean won in millions):

				For the	nine-month perio	od ended Septen	mber 30, 2021	
			Petroleu	m Resourse	;			<u>.</u>
			Developm	ent business		SKC		
			business	in and others	in EVA solar	Infra Service)	
			SK innovat	tion SK Networ	ks business in	Co., Ltd.	SK TNS	
			Co., Ltd	. Co., Ltd.	SKC Co., Ltd	d. and others	Co., Ltd.	Total
Cash flows from c	perating activities	3	₩ 138	,008 ₩ (11,7	′22)₩ 26	60 ₩ (29	97)₩ (74,204)₩	52,045
Cash flows from it	nvesting activities		(3	,218) 76,1	88 (47	'0) (1	2) 541	73,029
Cash flows from f	nancing activities	;	(79	,171) 3,9	10 (6	(25	59) (14,643)	(90,231)
	-			•	·			
			For the nin	e-month period	ended Septemb	er 30, 2020		
	Petroleum		Resourse					<u>.</u>
	Development	Oil retail	business		SKC			
	business in	business in	and others in	EVA solar	Infra Service			
	SK innovation	SK Networks	SK Networks	business in	Co., Ltd.	SK Bioland	SK TNS	
	Co., Ltd.	Co., Ltd.	Co., Ltd.	SKC Co., Ltd.	and others	Co., Ltd.	Co., Ltd.	Total
Cash flows from operating activities	₩ 94,433	₩ (85,762)	₩ (13,650)	₩ 50	₩ (155)	₩ 6,341	₩ 21,186 ₩	22,443
Cash flows from investing activities	(23,543)	1,269,923	13,179	(1,202)	(2,061)	(6,668)	(50,547)	1,199,081
Cash flows from	-	-	(13,146)	(1,720)	(3,306)	(2,486)	(24,427)	(45,085)

29. Assets and liabilities held for sale

financing activities

Details of non-current assets and non-current liabilities held for sale as of September 30, 2021 are as follows (Korean won in millions):

			September	30, 202	21
			Assets	Lia	bilities
Investment securities	ESR Cayman Limited (*1)	₩	643,093	₩	_
Business segment	China business segment(*2)		118,242		38,890
-	Resources business segment(*2)		28,012		9,969
Associates	Zhejiang Shenxin SK Packaging Co., Ltd.		6,660		· -
Property, plant and equipment	EVA/Back Sheet and PVDF		3,316		-
and others	Gas station and Incheon Logistics Center (*3)		67,611		-
	Land of Seo-gu, Incheon (*4)		38,534		-
Intangible assets and others	Peru mining area (*5)		601,350		8,382
		₩	1,506,818	₩	57,241

- (*1) As the the Group decided to sell all of its investments in associates during the year ended December 31, 2020, it classified the investments as held-for-sale and measured them at the lower of their carrying amounts and fair value less costs to sell. The Group has sold some of the shares during the year ended December 31, 2020, and the sale of remaining shares is underway as of September 30, 2021.
- (*2) SK Networks Co., Ltd., a subsidiary, decided to discontinue China business and oil retail business resources segments during the previous period and business segment and others before the prior reporting period. The Group classified related assets and liabilities as held-for-sale and measured them at the lower of their carrying amounts and fair value less costs to sell.
- (*3) SK Energy Co., Ltd. entered into a contract to sell the land, buildings, and tanks of Incheon Logistics Center and a gas station. The Group measured the related assets at the lower of their carrying value or fair values less costs to sell.
- (*4) As of July 13, 2021, SK Incheon Petrochemical Co., Ltd. entered into a contract to sell 7 branches of land, including 257-2 Seongnam-dong, Seo-gu, Incheon. The Group measured the related assets at the lower of their carrying values or fair value less costs to sell.
- (*5) SK Innovation Co., Ltd., a subsidiary, signed a contract to sell the entire stake in Blocks 56 and 88 in Peru to Pluspetrol for the purpose of adjusting the E&P business portfolio and converting the business model during the prior period. The Group classified related assets and liabilities as held-for-sale and measured them at the lower of their carrying amounts and fair value less costs to sell.

30. Cash flow information

(1) Details of non-cash adjustments for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	For the nine-month periods ended			
	September 30, 2021	September 30, 2020		
Provision for pension benefits	₩ 345,976	₩ 335,072		
Depreciation	4,952,906	4,718,108		
Amortization	1,244,245	1,198,872		
Bad debt expenses	42,528	72,862		
(Reversal of) Valuation loss on inventories	(16,881)	36,849		
Interest expenses	1,067,736	1,088,127		
Loss on foreign currency translation	627,323	247,740		
Loss on valuation of derivatives	469,123	95,525		
Loss on disposal of trade receivables	11,364	12,155		
Loss on disposal of investments in associates and joint ventures	-	20,035		
Loss on disposal of investments in associates	3,801	434		
Loss on disposal of property, plant and equipment	75,027	300,215		
Loss on impairment of property, plant and equipment	5,032	88,568		
Loss on disposal of intangible assets	5,280	6,684		
Loss on impairment of intangible assets	85,087	18,695		
Income tax expense	2,033,275	66,080		
Gain on investments in associates and joint ventures	(1,370,627)	(556,032)		
Interest income	(140,771)	(149,829)		
Gain on foreign currency translation	(419,676)	(268,323)		
Gain on valuation of derivatives	(451,899)	(404,203)		
Dividends income	(32,853)	(18,360)		
Gain on disposal of trade receivables	(25,824)	(14,834)		
Gain on disposal of investments in associates and joint ventures	(399,157)	, ,		
Gain on disposal of property, plant and equipment	(198,478)	(64,331)		
Gain on disposal of intangible assets	(147,625)	(16,533)		
Others	(1,059,571)	(11,020)		
	₩ 6,705,341	₩ 5,840,825		

(2) Details of working capital adjustments for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	For the nine-mont	For the nine-month periods ended				
	<u>September 30, 2021</u>	September 30, 2020				
Trade receivables	₩ (1,683,852)	₩ 1,573,441				
Other receivables	(427,056)	420,973				
Inventories	(3,584,568)	1,725,106				
Trade payables	2,664,260	(1,709,029)				
Other payables	(656,356)	1,206,590				
Advances received	(111,972)	(131,147)				
Retirement benefits paid	(199,188)	(157,655)				
Plan assets	120,595	82,973				
Others	(392,675)	<u>(963,615</u>)				
	₩ (4,270,812)	₩ 2,047,637				

(3) Significant non-cash transactions for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	For the nine-month periods ended				
	Septe	mber 30, 2021	September 30, 2020		
Decrease in other payables due to	₩	(516,693)	₩ (756,750)		
acquisition of property, plant and equipment and others					

31. Commitments and contingencies

(1) Guarantees provided for the Group as of September 30, 2021 are as follows (Korean won in millions and foreign currencies in thousands):

Guarantee	Guarantor	Currency	Amount	Description of guarantee
SK Inc.	Korea Software Financial Cooperative	KRW	406,145	Performance guarantees for contract and others
	Seoul Guarantee Insurance	KRW		Performance guarantees for contract and others
Netruck Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance insurances for warranties and others
SK Telink Co., Ltd.	Seoul Guarantee Insurance	KRW	, -	Performance guarantees for contract
SK Planet Co., Ltd.	Seoul Guarantee Insurance	KRW	7,578	Performance guarantees for contract and others
SK Broadband Co., Ltd.	Seoul Guarantee Insurance Korea Contents Gongje Union	KRW KRW		Guarantee of warranties contract Guarantee of warranties contract
SK Shieldus Co., Ltd.	Korea Software Financial	KRW		Guarantee of bid payment and others
(formerly, ADT Caps Co., Ltd.)	Cooperative	14.44	110,110	Cadrantos of sia paymont and others
SK M & Service Co., Ltd.	Seoul Guarantee Insurance	KRW	2.340	Guarantee of payment and others
•	Shinhan Bank	KRW		Guarantee of payment in Korean won
PS&Marketing Corp.	Seoul Guarantee Insurance	KRW	609	Performance guarantees
Dreamus company Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees for contract
One store Co., Ltd.	Seoul Guarantee Insurance	KRW		Guarantee for E-commerce and others
	Hana Bank	KRW		Performance guarantees for contract
Home&Service Co., Ltd.	Seoul Guarantee Insurance	KRW		Specific debt guarantee
SK Store Co., Ltd.	Kookmin Bank	KRW		Performance guarantees and others
11street Co., Ltd.	Hana Bank	KRW		Performance guarantees and others Guarantee of deposit on lease and others
FSK L&S Co., Ltd.	Seoul Guarantee Insurance Seoul Guarantee Insurance	KRW KRW		Performance guarantees for contract and others
Service Top Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees for contract
SK Networks Co., Ltd.	Hana Bank	KRW		Guarantee of payment for goods
Ort Hotworks Co., Etc.	Seoul Guarantee Insurance	KRW		Performance guarantees for contract
	Korea Trade Insurance	KRW		Guarantee of debt
	Corporation	KRW	,	
SK Networks Service	Seoul Guarantee Insurance	KRW	12,940	Performance guarantees for sales contract
Co., Ltd.	Hana Bank	KRW		Performance guarantees for contract
SK Magic Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance insurances for warranties and others
	Machinery Financial Cooperative	KRW		Performance insurances for warranties and others
SK Magic Service Co., Ltd.	Seoul Guarantee Insurance	KRW		Guarantee of payment for home shopping and others
SK Rent-a-Car Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees for contract
MINTIT Co., Ltd.	Korea Technology Finance Corporation	KRW	, -	Guarantee of debt
SK Telesys. Co., Ltd.	Seoul Guarantee Insurance	KRW		Guarantee of warranties and contract
SK Nexilis Co., Ltd.	Seoul Guarantee Insurance	KRW		Guarantee of payment
SK E&S Co., Ltd.	Seoul Guarantee Insurance Kookmin Bank	KRW USD		Performance guarantees for contract and others Guarantee of debt
	Shinhan Bank	USD	,	Guarantee of debt
Yeongnam Energy Service	Seoul Guarantee Insurance	KRW	,	Guarantee of warranties and approval
Co., Ltd.				••
Chonnam City Gas Co., Ltd.	Seoul Guarantee Insurance	KRW		Guarantee of warranties and payment
Busan City Gas Co., Ltd.	Seoul Guarantee Insurance	KRW		Guarantee of seizure contract and others
Jeonbuk Energy Service Co., Ltd.	Seoul Guarantee Insurance	KRW	228	Performance guarantees and warranties
Co., Ltd. Chungcheong Energy Service Co., Ltd.	Seoul Guarantee Insurance	KRW	977	Performance guarantees and others
Ko-one Energy Service Co., Ltd.	Seoul Guarantee Insurance	KRW	1,612	Performance guarantees for contract
Paju Energy Service Co., Ltd.	Seoul Guarantee Insurance	KRW	440	Performance guarantees for approval and others
Narae Energy Service Co., Ltd.	Seoul Guarantee Insurance	KRW	5,508	Guarantee of license to use state property and others
Kangwon City Gas Co., Ltd.	Seoul Guarantee Insurance	KRW	2.003	Performance guarantees for contract and approval
Yeoju Energy Service	Seoul Guarantee Insurance	KRW		Performance guarantees for deposit on approval
Co., Ltd.	\$ 3		.,20.	3
Prism Energy International. Zhoushan Limited	Citibank China	CNY	40,000	Guarantee of Terminal fee
BU12 Australia Pty. Ltd., BU13 Australia Pty. Ltd.	ANZ Bank	USD	261,950	BU gas field restoration costs
,				

Guarantee	Guarantor	Currency	Amount	Description of guarantee
SK ecoplant Co., Ltd.	HSBC and others	KRW		Performance guarantees
(formerly, SK Engineering &				for overseas construction and others
Construction Co., Ltd.)		USD	717,519	Performance guarantees for overseas construction and others
		EUR	37,985	
			0.,000	for overseas construction and others
		SGD	12,398	•
				for overseas construction and others
		KWD	88,087	Performance guarantees
		QAR	411 068	for overseas construction and others Performance guarantees
		Se a c	111,000	for overseas construction and others
		TRY	30,688	Performance guarantees
				for overseas construction and others
		SAR	8,117	•
		THB	278 254	for overseas construction and others Performance guarantees
		1115	270,201	for overseas construction and others
		KZT	7,568,929	Performance guarantees
				for overseas construction and others
		VND	658,933,299	Performance guarantees
		HKD	20.061	for overseas construction and others Performance guarantees
		TIND	20,001	for overseas construction and others
		IQD	2,600,000	Performance guarantees
				for overseas construction and others
		AED	96,894	Performance guarantees
		PLN	8.316	for overseas construction and others Performance guarantees
			0,010	for overseas construction and others
	Hana Bank	USD	169,221	Performance guarantees
		000	10.000	for overseas construction and others
		GBP	18,900	Performance guarantees
		EUR	84 940	for overseas construction and others Performance guarantees
		2011	01,010	for overseas construction and others
		SAR	182,198	Performance guarantees
			0.4.000	for overseas construction and others
	Korea Eximbank	USD	91,369	Performance guarantees for overseas construction and others
		EUR	60 750	Performance guarantees
		2011	00,700	for overseas construction and others
	Korea Housing Guarantee Co., Ltd.	KRW		Housing guarantees and others
	Seoul Guarantee Insurance	KRW	323,696	Performance guarantees for domestic construction
	Engineering Financial Cooperative	KRW	1 162 060	and others Domestic construction contract
	Construction Guarantee	KRW		Performance guarantees for domestic construction
	Cooperative		2,:0=,000	and others
Environment Management	Construction Guarantee	KRW	25,117	Performance guarantees for business, construction,
Corporation Co., Ltd.	Cooperative	KDW	F4 477	warranties and others
	Seoul Guarantee Insurance	KRW	51,477	Performance guarantees for contract, payment, construction, advance payment and others
	Engineering Financial Cooperative	KRW	110 116	Guarantees for contract, advance payment,
	ggae.a. eeepe.aare		,	warranties and others
SK Materials Co., Ltd.	Seoul Guarantee Insurance	KRW	1,549	•
Signet EV Inc.	Seoul Guarantee Insurance	KRW	2,420	Performance guarantees for contract, payment,
SK Biny Co. 14d	Seoul Guarantee Insurance	KRW	283	warranties and deposits Performance guarantees for sales contract
SK Pinx Co., Ltd. SK Siltron Co., Ltd.	Shinhan Bank	USD	19,000	Guarantee of foreign currencies
SK Forest Co., Ltd.	Construction Guarantee	KRW	24,806	Performance guarantees for contract
	Cooperative			•
Hweechan Co., Ltd.	Seoul Guarantee Insurance	KRW	66	Guarantee of supply and others

(2) Guarantees provided to others as of September 30, 2021 are as follows (Korean won in millions and foreign currencies in thousands):

Guarantor	Guarantee	Currency	Amount	Description of guarantee
SK Innovation Co., Ltd.	Petro Peru and others	USD	11,000	Performance guarantees for mandatory work and others
SK Geo Centric Co., Ltd. (formerly, SK Global Chemical Co., Ltd.)	Sabic SK Nexlene Company Pte. Ltd.	USD	220,000	Guarantee of debt
SK Telink Co., Ltd.	IOT Wave Co., Ltd. and others	KRW	1,210	Performance guarantees for insurance and others
Iberian Lube Base Oils S.A.	Puertos del Estado	EUR	891	Guarantees for construction
	Railway Administration and others	EUR	269	Guarantee for installing facilities and others
SK Communications Co., Ltd.	Green umbrella	KRW	40	Performance guarantees for contract
	Purchaser or right holder of electronic payment method	KRW	2,500	Protection of user funds from electronic financiers
Dreamus Company Co., Ltd.	Youngkwang Precision Industry Co., Ltd. and others	KRW	184	Performance guarantees for contract
SKC Co., Ltd.	Pl Advanced Materials Co., Ltd.	USD		Guarantee for litigation
	SKC Int'l	CNY		Guarantee of local financing
SK E&S Co., Ltd.	Boryeong LNG Terminal Co., Ltd.	KRW		Guarantee of debt
Environment Management Corporation Co., Ltd.	Dongbugwon Puleunmul Co., Ltd. and others	KRW	31,600	Guarantee of debt
	Geochang Malgunmool Sarang Co., Ltd. and others	KRW	30,960	Guarantee for loan agreement
	Gyeongsan Pure Water Co. Ltd. and others	KRW	1,976	Performance guarantees for business
SK ecoplant Co., Ltd. (formerly, SK Engineering	SBC General Trading & Contracting Co. WLL and others	KWD	6,432	Performance guarantees for contract and others
& Construction Co., Ltd.)	Pohang Clean Water Co., Ltd. and others	KRW	763,245	Cash deficiency support agreement
	Gweonseon District 6 redevelopment maintenance business association and others	KRW	156,687	Guarantees for reconstruction project financing
	Customers of Gwanggyo SK view	KRW	754,974	Guarantee of debt
	Lu 1 City SK leaders view and others	KRW	1,854,980	Guarantee of completion
	Member of employee stock ownership association	KRW	1,109	Guarantee of payment
	Callable preferred share investor	KRW	130,000	Cash deficiency support agreement
	Fuel cell power generation project	KRW	85,558	Performance assurance related to long-term maintenance contracts
	Contractor issuing guarantee for sale	KRW	2,479,359	Joint surety

In addition, SK ecoplant Co., Ltd., a subsidiary of the Group, provides other construction companies with performance guarantees for domestic construction, and the amount of the guarantees is \$818,795 million as of September 30, 2021.

(3) The Group's significant pending litigations as of September 30, 2021, in which the Group is a plaintiff are as follows (Korean won in millions):

Plaintiff	Defendant	Description	С	laim	Status
SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.)	Individual and others	Claim for injuction to ban of transfer and others	KRW	975	Second trial in progress and others
PS&Marketing Corp.	Individual and others	Claim for payment and others	KRW	151	First trial in progress and others
SK Networks Co., Ltd.	Individual and others	Claim for payment and others	KRW	1,554	First trial in progress and others
SK Magic Co., Ltd.	Namdaemun Tax Office Chief and others	Claim for cancellation the impositon of corporate tax and others	KRW	2,690	First trial in progress and others
SK Rent-a-Car Co., Ltd.	Individual and others	Claim for payment and others	KRW	137	First trial in progress and others
SKC Co., Ltd.	Individual	Claim against a payment order	KRW	2,634	First trial in progress
SK Telesys Co., Ltd.	YOOJIN21 Co., Ltd. and others	Claim for construction payment and others	KRW	1,161	First trial in progress and others
SK E&S Co., Ltd.	Governor of JeollaNamdo province	Claim for cancellation of warning disposition and others	KRW	2	First trial in progress
Busan City Gas Co., Ltd.	YCP Co., Ltd.	Claim for settlement	KRW	4,699	First trial in progress
CAILIP GAS MARKETING, LLC	ChevronU.S.A.Inc	Claim for compensation for loss of natural gas supply	USD	84,531	First trial in progress
	Hidalgo Wind Farm II,LLC and others	Claim for compensation for power purchase settlement	USD	11,774	First trial in progress
SK ecoplant Co., Ltd. (formerly, SK Engineering	Korea Rail Network Authority	Claim for payment of construction and others	KRW	4,168	Second trial in progress
& Construction Co., Ltd.)	Korea Specialty Contractor Finanacial Cooperative	Claim for deposit of construction performance and others	KRW	3,296	First trial in progress
	Plant & Mechanical Contractors Financial Cooperative	Claim for deposit of construction performance and others	KRW	5,803	Third trial in progress
	Korea National Oil Corporation	Claim for payment of construction	KRW	17,051	First trial in progress
	Republic of Korea and others	Claim for payment of construction and others	KRW	6,065	Second trial in progress and others
	Korea Land & Housing Corporation	Claim for payment of construction	KRW	44	First trial in progress
	Korea Gas Corporation	Claim related to Jangrim Jinhae	KRW		Third trial in progress
	Individual and others	Claim related to performance guarantee and others	KRW	108,275	First trial in progress and others
	Legal manager of Seobon Construction Co., Ltd.	A final and conclusive bond investigation trial of KNPCCFP	KRW	1,942	First trial in progress
The Eco Platform Co., Ltd.	Siheung City and others	Claim related to settlement of operating and management expenses and others	KRW	24,508	First trial in progress

The Group's significant pending litigations as of September 30, 2021, in which the Group is a defendant are as follows (Korean won in millions):

Defendant	Plaintiff	Description	C	Claim	Status
Signet EV Inc.	World Factory CO., Ltd.	Claim for service charge	KRW	68	Second trial in progress
SKShieldus Co., Ltd.	Individual and others	Claim for damages and others	KRW	1,492	First trial in progress and others
(formerly, ADT Caps Co., Ltd.)	to alteriate and		KDW	40	
PS & Marketing Corp.	Individual	Litigation for affirmation of non-existence of debt	KRW		Second trial in progress
SK Networks Co., Ltd.	Individual and others	Claim for damages and others	KRW	4,932	First trial in progress and others
SK Magic Co., Ltd.	Lotte Insurance Co., Ltd. and others	Claim for compensation and others	KRW	276	First trial in progress and others
SK Rent-a-Car Co., Ltd.	Individual and others	Claim for compensation	KRW	015	First trial in progress
SK Rent-a-Car Co., Ltd.	individual and others	and others			and others
SK Nexilis Co., Ltd.	Individual and others	Claim for damages	KRW		First trial in progress
Ko-one Energy Service Co., Ltd.	Korea Land & Housing corporation	Claim for cancellation of allotted charges	KRW	323	First trial in progress
Chungcheong energy	Korea Land & Housing	Claim for cancellation of	KRW	1.104	Second trial in progress
Service Co., Ltd.	corporation	allotted charges		, -	1 3
Narae energy service Co., Ltd.	Kimcheon Energy Service Co., Ltd.	Claim for Contract amount reduction confirmation	KRW	2,694	First trial in progress
SK ecoplant Co., Ltd. (formerly, SK Engineering & Construction Co., Ltd.)	K-Water Resources Corporation	Claim for design compensation cost return and others	KRW	4,004	Third trial in progress and others
3 ., <u>2</u> ,	Incheon Metropolitan City	Claim for design compensation cost return and others	KRW	7,804	Third trial in progress and others
	Hanwha Engineering & Construction Corp.	Claim for cost share	KRW	5,087	First trial in progress
	Woori Bank	Claim for payment of construction	KRW	12,096	First trial in progress
	Suwon Sky View resident's representative and others	Claim for damages and others	KRW	44,623	First trial in progress and others
	Korea Rural Community Corporation	Claim for damages	KRW	8,036	Second trial in progress
	Korea Gas Corporation	Claim for damages and others	KRW	47.295	First trial in progress
	Republic of Korea	Claim for damages and others	KRW		Second trial in progress and others
	Busan Transportaion Corporation	Claim for design compensation cost return and others	KRW	519	Third trial in progress
	Individual and others	Claim for apartment and others	KRW	198,131	First trial in progress and others
The Eco Platform Co., Ltd.	Siheung City and others	Claim for cost share and others	KRW	2,650	First trial in progress

On April 29, 2019, LG Chem Ltd. and its newly established subsidiary through physical division, LG Energy Solution Ltd. (collectively, "LGC") filed their complaints with the U.S. International Trade Commission ("ITC") against SK Innovation Co., Ltd. and SK Battery America, Inc. (collectively, "SKI"), subsidiaries of the Group, alleging SKI's infringement of LGC's trade secrets and seeking a ban on SKI's importation of certain lithium ion batteries, battery cells and etc. into the United States.

LGC filed an additional complaint with the ITC against SKI seeking an import ban as remediation for SKI's alleged infringement of LGC's patents on September 26, 2019.

In addition, LGC filed a complaint with US District Court of Delaware against SKI for the misappropriation of trade secrets on April 29, 2019 and also filed a complaint with US District Court of Delaware against SKI for the infringement on the patents on September 26, 2019.

On May 15, 2021, SK Innovation Co., Ltd. and LGC settled an agreement that SK Innovation Co., Ltd. will pay $\mbox{$\mathbb{H}$}1$ trillion in cash to LG Energy Solution Ltd. throughout 2021 and 2022 and pay royalties up to $\mbox{$\mathbb{H}$}1$ trillion corresponding to a certain percentage of sales from 2023 to LG Energy Solution Ltd. under the condition of withdrawing all related domestic and international disputes, exemption from all liabilities incurred, no further additional identical or similar disputes for the next 10 years and permanent license over trade secrets and patents in disputes, etc. $\mbox{$\mathbb{H}$}1$ trillion of cash to be paid to LG Energy Solution Ltd., was reflected as other non-operating expenses under the consolidated interim financial statements for the period ended September 30, 2021 and royalties of $\mbox{$\mathbb{H}$}1$ trillion to be paid to LG Energy Solution Ltd. will be reflected as expenses in the consolidated interim financial statements at the time of payment.

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

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

The Perupetro S.A., a Peruvian state-owned oil company and mining rights management agency, received an injunction from the local judiciary to suspend the liquidation procedure of the operator for the nine-month ended September 30, 2020 and the Peruvian Environmental Assessment and Supervision Authority (OEFA) granted a fine to the operator related to the restoration of the workplace and environmental pollution charge for the nine-month period ended September 30, 2021. Accordingly, SK Innovation Co., Ltd. paid expenses of $$\mathbb{W}$1,527$ million at the request of the operator and the amount was reflected as loss from discontinued operations for the nine-month period ended September 30, 2021.

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

SKC Co., Ltd., a subsidiary of the Group, guarantees 50% of claim amounts related to the patent litigation filed by Kaneka Corporation against PI Advanced Materials Co., Ltd. As of September 30, 2021, the appeal of the lawsuit in the U.S. was rejected and the jury's verdict determined damages, but the final ruling was not made because some of the compensation for damages were not confirmed. Meanwhile, during the prior period, Kaneka Corporation filed a lawsuit against PI Advanced Materials Co., Ltd. in Korea based on a portion of final judgment on the U.S. jury's verdict. Accordingly, the Group paid PI Advanced Materials Co., Ltd. USD 7,836 thousand which is 50% of USD 15,671 thousand in damages. Based on the final results of litigation, the Group may have to pay more according to the ratio as specified by the payment arrangement. As of September 30, 2021, the final result of trial 1 and the timing of payment of compensation for damage are not estimable.

(4) Commitments

- 1) In accordance with the Commercial Code of the Republic of Korea, the Company, SK Innovation Co., Ltd., SK Energy Co., Ltd., SK Geo Centric Co., Ltd., (formerly, SK Global Chemical Co., Ltd.,) SK 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 of the Company and SK Biopharmaceuticals Co., Ltd. are collectively responsible for any obligations of the Company that occurred before the spin-off on April 1, 2011.
- 2) The Company entered into a contract to lease the headquarter building from SK REIT Co., Ltd. Under the terms of the lease, the lease period is until July 5, 2026, and the Company has an option to extend the lease term for 5 years before the termination of contract. Meanwhile, 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 SK Group companies and others.
- 4) The Company entered into a contract with Gyeonggi province on May 31, 2011 to purchase land located in Pangyo Land Development District. The total agreement amount is \$\footnote{W}\$82,964 million (the Company's portion: \$\footnote{W}\$45,536 million (54.9%)), which will be used for the construction of urban infrastructure facilities ("designated purpose" of the land). On the other hand, the building was completed and registered for ownership preservation in August 2014. For 10 years from the time of ownership preservation registration, the purpose land and buildings are restricted to third parties.
- 5) The Group has total return swap contracts in regards to SK Shipping Co., Ltd.'s issuance of ordinary shares and sale of existing shares, and details are as follows:

	Subscription of new shares	Sale of existing shares
Investor	Special Situation 1st Fund 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 investor make	e a cash settlement of the amount that
	deducts the issue price from the net	selling price. If the amount is positive,
	the investor pays to the Company	, and if the amount is negative, the
	Company pays to the investor. In ca	se where the sale is not complete, the
	selling price of the shares is consider	
Premium		amount equivalent to 3.14% of the total
		. When the investor receives dividends
	on the shares held, the amount is pai	
Call option		se the shares held by the investor at the
	issued price of the ordinary shares w	ith certain level of additional charges.

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

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

As of September 30, 2021, the value of the agreements amounting to $\mbox{$W$}169,131$ million is recognized in long-term borrowings (see Note 15).

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

	Total return swap		
Investor	MD Prime 1st Co., Ltd. and others		
Number of shares	4,640,199		
Contract date	November 14, 2017		
Expiry date	November 13, 2022		
Settlement	The Company and the investors are to settle the amount that deducts the issue price from the net selling price. If the amount is positive, the investor pays to the Company, and if the amount is negative, the Company pays to the investor. In case where the sale is not complete, the selling price of the shares is considered to be nil.		
Premium	The Company is to pay to the investor the amount equivalent to 3.07% of the total shares held by the investors annually. When the investor receives dividends on the shares held, the amount is paid to the Company.		
Call option	On each premium payment date and each quarterly payment date that arrives between the date of resolution of the board of directors to select the IPO organizer and the date of submission of the preliminary review request for listing, the Company has the right to purchase the shares held by the investor at the initial contract price of the ordinary shares with a certain level of additional charges.		

As of September 30, 2021, the value of the agreements amounting to \$677,775 million is recognized in long-term borrowings (see Note 15).

- 8) The Company entered into a cash deficiency support agreement with Hudson Energy NY, LLC, a subsidiary of Plutus Capital NY, Inc., to lend funds for the shortfall of payment for loans and credit limit of USD 226,000 thousand.
- 9) The Company entered into a cash deficiency support agreement with Abrasax Investment Inc., a subsidiary of SK Pharmteco Inc. to lend funds for the shortfall of payment for loans and credit of up to USD 315,000 thousand.
- 10) As of September 30, 2021, Prism Energy International Pte., Ltd., a subsidiary, provides LOU (Letter of Undertaking) to ship owners HHIENS1 Shipholding S.A., HHIENS2 Shipholding S.A., HHIENS3 Shipholding S.A. and HHIENS4 Shipholding S.A. in connection with LNG carriers. Accordingly, if SK Shipping Co., Ltd. fails to fulfill the contract (BBCHP) signed with the shipping company, SK E&S Co., Ltd. will assume all obligations related to the execution of the contract.
- 11) SK E&S LNG, LLC, one of the subsidiaries, is scheduled to be provided with liquefaction service for 20 years from FLNG Liquefaction 3, LLC, which plans to operate natural gas liquefaction plants in Texas starting from 2019. As of September 30, 2021, 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.

12) As of September 30, 2021, details of contracts of the subsidiaries of SK E&S Co., Ltd. are as follows:

Contracting parties	Description of contract	Counterparty	Term of contract
Kangwon City Gas Co., Ltd. and 7 subsidiaries	Contract for the supply of long-term natural gas (*1)	Korea Gas Corporation Co., Ltd.	-
SK E&S Co., Ltd.	Contract of supply for natural gas Contract for the repair and	Tangguh PSC Contractor Parties GE International Inc.	2006.1 ~ 2026.7 2004.6 ~ 2026.12
	maintenance of gas turbine Contract for the storage and vaporization service of natural gas	POSCO ENERGY Co., Ltd.	(estimated) 2005.6 ~ 2025.12 2020.7 ~ 2040.12
	Rental contract of the plant and tower site	POSCO Co., Ltd.	2003.8 ~ 2028.12
	Contract for the REC trading	Godeok Green Energy Co., Ltd. and others	20 years from contract
Paju Energy Service Co., Ltd.	Contract for the long-term maintenance program	Siemens AG and others	2014.6 ~ 2031.6 (estimated)
	Contract for the REC trading	GeoGeum Solar Park Co., Ltd. and others	15 years from 2018
	Contract for LTSA	Doosan Fuelcell Co., Ltd.	10 years from performance warranty date
Narae Energy Service Co., Ltd.	Contract for the long-term maintenance program	Siemens AG and others	2015.1 ~ 2032.1 (estimated)
	Contract for the long-term maintenance program	Doosan Heavy Industries & Construction Co., Ltd.	12 years from 2012
	Contract for the operation and maintenance program	Jeonbuk Group Energy Co., Ltd. and Gimcheon Energy Service Co., Ltd.	2015.1 ~ 2025.1
	Contract for the supply of long-term natural gas	Korea Gas Corporation Co., Ltd.	20 years from 2015.5
	Contract for the REC trading	K Solar E Ho Co., Ltd. and others	20 years from contract
Narae Energy Service Co., Ltd. and Paju Energy Service Co., Ltd.	Contract for the use plumbing system	Korea Gas Corporation Co., Ltd.	20 years from 2017
SK E&S Co., Ltd. and Narae Energy Service Co., Ltd. and Paju Energy Service Co., Ltd.	Contract for the storage and vaporization service of natural gas	Boryeong LNG Terminal Co., Ltd.	20 years from 2017
Yeoju Energy Service Co., Ltd.	Contract for LTSA	Siemens Gas & Power Gmbh Siemens Energy Ltd.	2019.12 ~ 2047.12 (estimated)
Busan City Gas Co., Ltd. SK E&S LNG, LLC	Rental contract Contract for the liquefaction and	Megamart Co., Ltd. and others FLNG Liquefaction 3, LLC	Until 2022 20 years from 2020
	storage of natural gas	•	•
	Contract for the use pipeline of natural gas	Kinder Morgan, Inc.	20 years from 2020
Prism Energy International Pte. Ltd.	Contract of supply for natural gas	Chevron Australia Pty. Ltd. and others	2017.1 ~ 2022.3
	Contract of supply for natural gas	PETRONAS LNG LTD.	2019.6 ~ 2023.12
	Time charter contract	SK Shipping Co., Ltd.	20 years from ship delivery date
	Contract of supply for LNG	Generadora San Felipe Limited Partnership	10 years from commencement date
SK E&S Australia Pty. Ltd.	Contract for FPSO	BW Offshore Singapore Pte. Ltd. (Australia Branch)	15 years from service date
	Contract for the liquefaction	Darwin LNG Pty. Ltd.	2020.12 (contract) 15 years from service date
	service of natural gas	and Utilets	(estimated)
Prism Energy International Zhoushan Limited	Contract for the storage and vaporization service of natural gas	ENN (Zhoushan) LNG Co., Ltd.	2020.7 ~ 2030.7
	Contract of sale for natural gas	Beijing Gas Blue Sky Holdings Ltd. and others	2020.7 ~ 2030.7

^(*1) The Company has signed a contract with Korea Gas Corporation for natural gas supply for 20 years.

13) As of September 30, 2021, details of construction contracts about the subsidiaries of SK E&S Co., Ltd. are as follows (Korean won in millions):

Description of contract	Name of subsidiaries	Contract opponent	Term of contract		Amount
Contract for heat piping and others	Narae Energy Service Co., Ltd.	Eulmyo general construction Co., Ltd. and others	2020.11 ~ 2022.06	₩	10,829
Contract for Yeoju natural gas power plant 154kV connection facility construction	Yeoju Energy Service Co., Ltd.	Korea Electric Power Corporation	2019.12 ~ 2021.07	₩	18,160

14) As of September 30, 2021, details of material contracts of resource development by the subsidiaries of SK E&S Co., Ltd. are as follows:

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

- 15) SK Innovation Co., Ltd., SK Energy Co., Ltd. and SK Incheon Petrochemical Co., Ltd., subsidiaries of the Group, pay electricity bills and tariffs through B2B corporate purchase agreement contracts and national tax cards signed with some financial institutions, and pay the bill to the credit card company at the end of the credit donation period under the agreement. As of September 30, 2021, the related amount payable is \times 1,274,924 million.
- 16) SK Energy Co., Ltd., a subsidiary of the Group, signed an option contract regarding the shares of ordinary stocks held by non-controlling shareholders of goodsFLOW Co., Ltd. The terms of the contract for this option are as follows:

	Put option	Call option	Call option
Purpose of Contract Option rights holder Option obligor	Acquisition of equity Tae-jin Jung, Byung-wook Oh and others SK Energy Co., Ltd.	SK Energy Co., Ltd. Tae-jin Jung, Byung-wook Oh and others	SK Energy Co., Ltd. Hanyu Energy Co., Ltd. and others
Payment method	Cash		
Object of exercise	A total of 1,014,362 shares (43.83%) of goo by Tae-jin Jung, Byung-wook Oh, shareho		A total of 351,076 shares (15.17%) of goodsFLOW Co., Ltd.'s shares held by Hanyu Energy Co., Ltd., shareholders of goodsFLOW Co., Ltd.
Time of exercise	The date on which three years have elapse or the date agreed between the parties, w		
Price of exercise	Price per share ₩33,553		Fair value at the time of exercise of the call option.

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

Details of rights granted to investor are as follows.

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

18) SK Telecom Co., Ltd., a subsidiary of the Group, sells its mobile handsets to customers on an installment payment plan through agents. SK Telecom Co., Ltd. entered into transfer agreements with the agents for the receivables of handset's installment payments, under which all the rights and obligations of the receivables are transferred to SK Telecom Co., Ltd. Then, SK Telecom Co., Ltd. entered into an asset securitization contract with a special purpose company for the receivables, and accordingly, the balance of the receivables as of September 30, 2021 is \$\text{\psi}579,753\$ million which is recorded as other receivables and long-term other receivables.

31. Commitments and contingencies (cont'd)

- 19) Regarding the paid-in capital increase transaction of a subsidiary, T-Map Mobility Co., Ltd., during the nine-month period ended September 30, 2021, SK Telecom Co., Ltd. signed an agreement between the new issuer and the shareholder. If the requirements after the paid-in capital increase are not met according to the agreement, the new issuer may exercise the right to claim for mutual sale of ordinary shares of T-Map Mobility Co., Ltd. held by SK Telecom Co., Ltd. If the underwriter exercises such rights, SK Telecom Co., Ltd. may exercise its right to purchase shares. As of September 30, 2021, SK Telecom Co., Ltd. recognized a total of \text{\
- 20) SK Materials Co., Ltd., a subsidiary, has a shareholders' agreement with Showa Denko K.K in respect to an investment in SK Showa Denko Co., Ltd., a subsidiary. Under this agreement, Showa Denko K.K holds a right to sell 630,000 shares (15%) of interests in SK Showa Denko Co., Ltd. at a par value of ₩5.000 to SK Materials Co., Ltd.
- 21) SK Siltron Co., Ltd., a subsidiary, has entered into an agreement between its existing shareholders and shareholders regarding the acquisition of shares in Teraon Co., Ltd., a related company investment during the nine-month period ended September 30, 2021. Under the agreement, SK Siltron Co., Ltd., a subsidiary, has a call option to hold 75% of Teraon Co., Ltd.'s shares and can be exercised between October 1, 2021 and September 30, 2022.
- 22) The Company signed a contract with certain shareholders of SIGNET EV Inc., a subsidiary, in which the shareholders can sell their shares to the Company at \widetilde{\pi}50,000 per share when certain conditions are met.
- 23) SK ecoplant Co., Ltd., a subsidiary, entered into a share subscription agreement (scheduled acquisition price of \(\pi\)215.1 billion) in order to acquire Clenko Co., Ltd. The acquisition will be completed for the nine-month period ended September 30, 2021, and the details are as follows (Korean won in millions):

	Expected date	Estimated acquisition	Estima	ted acquisition
	of acquisition	<u>share (%)</u>		price
Clenko Co., Ltd.	Undetermined	100%	₩	215,100

31. Commitments and contingencies (cont'd)

24) In February 2019, SK Biopharmaceuticals Co., Ltd., a subsidiary, signed a technology transfer contract with the European-based entity, Arvelle Therapeutics International GmbH (formerly Arvelle Therapeutics GmbH), in order to grant the exclusive rights of Cenobamate, an epilepsy treatment, in Europe. At the time of signing the technology transfer contract, SK Biopharmaceuticals Co., Ltd. received an Upfront Payment of USD 100,000,000 and recognized as a profit at the time of the receipt. In addition, in March 2021, the Milestone Payment of USD 110,000,000 was recognized as a profit at the time of notification of the permit in accordance with the marketing permission of European regulators (March 30, 2021). When the terms under the agreement are fulfilled in future periods, additional Milestone Payment of up to USD 320,000,000 will be recognized.

In February 2021, SK Biopharmaceuticals Co., Ltd., a subsidiary, sold all of its 12% ownership of Arvelle Therapeutics B.V.'s common shares to Angelini Pharma S.p.A. and received USD 31,766,890 in return for the closing of the transaction. The amount was recognized as non-operating income at the time of receipt. In addition, in March 2021, the Approval Payment of USD 13,220,625 was recognized as non-operating income at the time of notification of the permit (March 30, 2021). When the terms under the agreement are fulfilled in future periods, up to USD 9,252,177 can be additionally recognized as non-operating income. However, the amount of non-operating income that can be received may change depending on certain conditions.

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

(5) Hybrid bonds

Details of hybrid bonds as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		Maturity date	Interest	September 30,	December 31,
Description	Issue date	(*1)	rate (%) (*2)	2021	2020
1st private equity bond type	2019.03.15	2049.03.15	4.20	₩ 600,000	₩ 600,000
2-1 private equity bond type	2018.06.07	2078.06.07	3.70	300,000	300,000
2-2 private equity bond type	2018.06.07	2078.06.07	3.65	100,000	100,000
2nd Korean currency type	2019.10.11	2049.10.11	3.30	330,000	330,000
3rd Korean currency type	2020.07.14	2050.07.14	3.60	400,000	400,000
	1st private equity bond type 2-1 private equity bond type 2-2 private equity bond type 2-1 private equity bond type 2 private equity bond type 2 private equity bond type 3 rd Korean currency	1st private 2019.03.15 equity bond type 2-1 private 2018.06.07 equity bond type 2-2 private 2018.06.07 equity bond type 2nd Korean currency type 3rd Korean currency 2020.07.14	Description Issue date (*1) 1st private 2019.03.15 2049.03.15 equity bond type 2-1 private 2018.06.07 2078.06.07 equity bond type 2-2 private 2018.06.07 2078.06.07 equity bond type 2019.10.11 2049.10.11 2019.10.11 2049.10.11 2050.07.14	Description Issue date (*1) rate (%) (*2) 1st private 2019.03.15 2049.03.15 4.20 equity bond type 2-1 private 2018.06.07 2078.06.07 3.70 equity bond type 2-2 private 2018.06.07 2078.06.07 3.65 equity bond type 2019.10.11 2049.10.11 3.30 type 3rd Korean currency 2020.07.14 2050.07.14 3.60	Description Issue date (*1) rate (%) (*2) 2021 1st private 2019.03.15 2049.03.15 4.20 ₩ 600,000 equity bond type 2-1 private 2018.06.07 2078.06.07 3.70 300,000 equity bond type 2-2 private 2018.06.07 2078.06.07 3.65 100,000 equity bond type 2019.10.11 2049.10.11 3.30 330,000 type 3rd Korean currency 2020.07.14 2050.07.14 3.60 400,000

- (*1) The issuing company may decide on early repayment and extension of maturity date when certain period is lapsed.
- (*2) After a certain period has elapsed from the issue date, the interest rate will fluctuate in accordance with the contract.

(6) Others

As of September 30, 2021, 55 notes (including 44 blank notes) and 72 checks (including 71 blank checks) are provided to financial institutions as collateral for borrowings.

32. Pledged assets

The following assets were pledged as collateral for the Group's borrowings and others as of September 30, 2021 (Korean won in millions and foreign currencies in thousands):

			Collateralized		
Subsidiaries	Asset	Currency	amount (*1)	Provided to	Description
SK Innovation Co., Ltd.	Investments in associates	KRW	-	Yemen LNG Company and others	Collateral for project financing
SK Incheon Perochemical Co., Ltd.	Property, plant and equipment	KRW	30,000	Korea Development Bank	Collateral for borrowing
Netruck Co., Ltd. SK Broadband Co., Ltd.	Property, plant and equipment Property, plant and equipment	KRW KRW	4,500 1,513	Shinhan Bank Lessor	Collateral for borrowing Restricted real rights for office lease
Incross Co., Ltd.	Financial instruction	KRW	23,998	Naver Co., Ltd. and others	Performance guarantees for contract
One store Co., Ltd.	Investment property and others	KRW	612	Shinhan Bank	Collateral for borrowing
SK Networks Co., Ltd.	Property, plant and equipment	KRW	390,963	Korea Development Bank and others	Collateral for sales and others
SK Magic Co., Ltd. SK Rent-a-Car Co., Ltd.	Property, plant and equipment Property, plant and equipment	KRW KRW	96,000 329,963	Korea Development Bank Korea Development Bank and others	Collateral for borrowing Collateral for borrowing
SKC Solmics Co., Ltd.	Property, plant and equipment	KRW	91,100		Collateral for borrowing
Woori Fine Chem Co., Ltd.	Property, plant and equipment	KRW	6,480	Kookmin Bank and others	Collateral for borrowing
SKCFTH Co., Ltd.	Investment subsidiaries	KRW	690,000	Korea Development Bank and others	Collateral for borrowing
SK Nexilis Co., Ltd.	Property, plant and equipment	KRW	396,000	Korea Development Bank and others	Collateral for borrowing
SKC, Inc. SK E&S Co., Ltd.	Property, plant and equipment Investments in subsidiaries	USD KRW	70,000 300,000	Standed Charted Bank Korea Development Bank and others	Collateral for borrowing Collateral for PF
	Investments in joint ventures	KRW	170,396	Korea Development Bank and others	Collateral for PF
		USD	14,000		Collateral for PF
	Investments in associates	KRW	18,621	and others	Collateral for PF
Ko-one energy service Co., Ltd.	Investments in associates	KRW	2,711	Kookmin Bank and others	Collateral for PF
Busan City Gas Co., Ltd.	Investments in associates Investment property	KRW KRW	5,153 3,990		Collateral for PF Leasehold deposits
Paju Energy Service Co., Ltd.	Property, plant and equipment	KRW	360.000	Kookmin Bank and others	Collateral for borrowing
Chonnam City Gas Co., Ltd.	Property, plant and equipment	KRW	81	LG Hello Vision Co., Ltd.	Collateral for deposits received
Narae Energy Service Co., Ltd.	Property, plant and equipment and others	KRW	589,000	Korea Development Bank and others	Collateral for borrowing
Yeoju Energy Service Co., Ltd.	Property, plant and equipment	KRW	601,200	Korea Development Bank and others	Collateral for PF
Busan Jungkwan Energy Co., Ltd.	Property, plant and equipment	KRW	100,800	NH Bank and others	Collateral for PF
IGE Co., Ltd.	Property, plant and equipment Investment securities and others	KRW	24,000	Korea Development Bank	Collateral for PF
SK ecoplant Co., Ltd. (formerly SK Engineering	investment securities and others	KRW	599,737	Korea Housing Guarantee Co., Ltd. and others	Collateral for borrowing and others
& Construction Co., Ltd.)	Investment property	KRW	142,000	Kookmin Bank and others	Collateral for borrowing
DDS Co., Ltd.	Property, plant and equipment	KRW	3,000	Korea Development Bank	Collateral for borrowing
Samwon ENT Co., Ltd.	Others	KRW	5,200	Industrial Bank of Korea	Collateral for borrowing
Daewon Green Energy Co., Ltd.		KRW KRW	5,280 31,416	Korea Development Bank Hana Bank and others	Collateral for borrowing
The Eco Platform Co., Ltd.	Property, plant and equipment Equity instruments and others	KRW	1,117,620	Korea Development Bank	Collateral for borrowing Collateral for borrowing
	Others	KRW	954,305	and others Hana Bank and others	and others Establishing pledge
SK Industrial Development	Others	CNY	2,000,000	Bank of China communications	and others Collateral for borrowing
China Co., Ltd. SK Materials Co., Ltd.	Property, plant and equipment	KRW	137,000	Korea Development Bank	Collateral for borrowing
SK Materials Co., Ltd.	Property, plant and equipment	USD	3,500	Korea Development Bank	Collateral for borrowing
		JPY	3,690,000	Korea Development Bank	Collateral for borrowing
		KRW	1,668	Yeongju city and Gyeongsang Buk-do	Government subsidy
SK Materials Japan Co., Ltd.	Property, plant and equipment	JPY	315,000	MUFG Bank	Collateral for borrowing
SK Materials Airplus Inc. SK Showa Denko Co., Ltd.	Property, plant and equipment Property, plant and equipment	KRW KRW	752,900 23,473	Kyungnam Bank and others Korea Development Bank	Collateral for borrowing Collateral for borrowing
SK Siltron Co., Ltd.	Property, plant and equipment	KRW	674,686	Korea Development Bank and others	Collateral for borrowing
SK Biotek Co., Ltd.	Property, plant and equipment	KRW	120,000	Korea Development Bank	Collateral for borrowing
Hweechan Co., Ltd.	Property, plant and equipment	KRW	8,640	Hana Bank	Collateral for borrowing
SK REITS CO., LTD.	Investment property	KRW	761,414	The lender and the lessor	Collateral for borrowing and lease
CLEAN ENERGY REITS CO., LTD.	Investment property	KRW	572,267	The lender and the lessor	Collateral for borrowing and lease
Signet EV Inc.	Property, plant and equipment and others	KRW	10,800	Woori Bank	Collateral for borrowing

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

SK Shieldus Co., Ltd. (formerly, ADT Caps Co., Ltd.), a subsidiary, provides its shares in Capstec Co., Ltd. as collateral for its long-term borrowing of $\mbox{$\mathbb{W}$}1,755,083$ million.

33. Guarantees provided among the Group entities

Guarantees provided among the Group entities as of September 30, 2021 are as follows (Korean won in millions and foreign currencies in thousands):

Guarantor	Guarantee	Currency	Amount	Description of guarantee
SK Inc.	Abrasax Investment Inc.	USD	315,000	Cash deficiency support of debt
	Hudson Energy NY, LLC	USD	226,000	Cash deficiency support of debt
SK Innovation Co., Ltd.	SK Battery America, Inc.	USD	1.680.000	Guarantee of debt
•	SK Battery Hungary Kft.	USD	250,000	Guarantee of debt
		HUF	9,810,000	Guarantee of local factory construction
	SK Hi-tech Battery Materials	USD	50,000	Guarantee of debt
	(Jiangsu) Co., Ltd.	CNY	500,000	Guarantee of debt
	SK Hi-Tech Battery Materials Poland	USD	130,000	Guarantee of debt
	Sp. Zo.o.		·	
	SK Battery Manufacturing Kft.	USD	500,000	
SK Geo Centric Co., Ltd.	SK Ningbo Performance Rubber Co., Ltd.	USD	14,000	
(formerly, SK Global Chemical	SK Global Chemical Americas, Inc.	USD	160,000	
Co., Ltd.)	SK Functional Polymer, S.A.S	EUR	216,000	Guarantee of payment for principal of debt
SK ie technology Co., Ltd.	SK Hi-Tech Battery Materials(Jiang Su)	CNY	550,816	Guarantee of financial obligation
	Co., Ltd.	USD	15,806	Guarantee of financial obligation
SK Telink Co., Ltd.	SK Shieldus Co., Ltd.	KRW	1	Performance guarantees for insurance and others
- ,	(formerly, ADT Caps Co., Ltd.)			ű
F&U Credit Information Co., Ltd.	SK Telink Co., Ltd.	KRW	30	Performance guarantees for insurance
1 do orcan information co., Etc.	OK TCIITIK Go., Eta.	IUWV	30	(payment, warranties, contract)
SK Networks Co., Ltd.	SK Networks Deutschland GmbH	EUR	1,000	Standing surety for investee
SK Networks Co., Ltd.				
	SK Networks Hong Kong Ltd.	USD	102,600	Standing surety for investee
	SK Networks (Shanghai) Co., Ltd.	USD	62,500	Standing surety for investee
		CNY	54,000	Standing surety for investee
	SK Networks America, Inc.	USD	14,000	Standing surety for investee
	SK Networks (Xiamen) Steel Processing Center Co., Ltd.	CNY	68,000	Standing surety for investee
	SK Networks Resources Australia Pty. Ltd.	AUD	8,000	Standing surety for investee
SKC Co., Ltd.	SKC. Inc.	USD	109,000	Guarantee of payment
	SKC (Jiangsu) High Tech Plastics Co., Ltd.	USD	75,950	Guarantee of payment
	orto (oldrigod) riigir room ridolloo oo., Etd.	CNY	270.000	Guarantee of payment
	SK Telesys Co., Ltd.	KRW	30,000	Guarantee of financial obligation
	SKC (Natong) PU Specialty Co., Ltd.	CNY	146,107	Guarantee of payment
		USD	7,000	Guarantee of payment
	SKC (Natong) Semiconductor Materials Technology Co., Ltd.	USD	10,700	Guarantee of payment
SK E&S Co., Ltd.	Cailip GAS Marketing, LLC	USD	180,000	Guarantee for derivative hedge and others
	Paju Energy Service Co., Ltd.	KRW	500,000	Guarantee of debt and others
	Narae Energy Service Co., Ltd.	KRW	290,000	Guarantee of debt and others
	Yeoju Energy Service Co., Ltd.	KRW	200,000	Guarantee of payment for principal of debt
	Prism Energy International Pte. Ltd.	USD	691,000	Guarantee for derivative hedge and others
	SK E&S LNG, LLC	USD	63,000	Guarantee for derivative hedge and others
SK E&S Americas, Inc.	SK E&S LNG, LLC	USD	9.342	Performance guarantee for LPG injection
SK E&S Americas, mc.		USD		
	Cailip Gas Marketing, LLC		40,000	Performance guarantee for purchase contract of Feed Gas
SK ecoplant Co., Ltd.	SKEC Anadolu, LLC	EUR	67,512	
(formerly, SK Engineering	Silvertown Investco Limited.	GBP	10,671	Guarantee of financial obligation
& construction Co., Ltd.)	Sunlake Co., Ltd.	CAD	6,000	Guarantee of financial obligation
	The Eco Platform Co., Ltd.	KRW	71,746	Fund supplement agreement for loan agreement
Environment Management Corporation Co., Ltd	Gyeounbuk Environment Energy Co., Ltd.	KRW	2,500	
Corporation Co., Etc	Gyeongsan Clean Water Way Co., Ltd.	KRW	5,330	Fund supplement agreement for loan agreement
	Dalseong Maleunmulgil Co., Ltd.	KRW	2,240	
	Honam Environment Energey Co., Ltd.	KRW	8,000	Guarantee of debt
CI/ Matariala Ca I td	CI/ Matariala liannau Ca. Ltd	LICD	20.000	Currentee of debt
SK Materials Co., Ltd.	SK Materials Jiangsu Co., Ltd.	USD	29,000	Guarantee of debt
	SK Materials Taiwan Co., Ltd.	USD	2,000	Guarantee of debt
	SK Materials Japan Co., Ltd.	JPY	276,000	Guarantee of debt
SK Biotek Co., Ltd.	SK Biotek Ireland Limited.	USD	50,000	
		EUR	10,000	
SK Siltron Co., Ltd.	SK Siltron USA,Inc.	USD	6	Guarantee of long-term debt

34. Financial risk management

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

34.1 Financial risk management

34.1.1 Risk management activities

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

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

34.1.2 Credit risk

Credit risk is the risk of financial loss of the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations. In addition, the maximum exposure to credit risk as of September 30, 2021 and December 31, 2020 is as follows (Korean won in millions):

		September 30, 2021	<u> </u>	ecember 31, 2020
Financial assets measured at FVTPL	₩	9,413,761	₩	6,059,081
Financial assets measured at FVOCI		10,205		12,907
Financial assets measured at amortized cost		27,400,126		22,118,563
Derivatives designated as hedging instruments		359,057		126,932
	₩	37,183,149	₩	28,317,483

The Group has provided payment guarantees for others including related parties, associates and others. The Group, due to its payment guarantees, is exposed to credit risk (see Note 31).

34.1.2.1 Trade and other receivables

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

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

34.1.2.2 **Guarantee**

SK ecoplant Co., Ltd., one of the subsidiaries, offers payment guarantees for loans of project financing. The financing liabilities related to the payment guarantees recognized are \$15,618 million as of September 30, 2021. The Group recognizes the financial guarantee liabilities related to the payment guarantees contracted with the Group, such as SK ecoplant Co., Ltd., as of September 30, 2021 and December 31, 2020.

	Septer	<u>nber 30, 2021</u>		<u>December 31, 2020</u>
SK Innovation Co., Ltd.	₩	1,373	₩	1,790
SK ecoplant Co., Ltd.		15,618		20,169
SK Biotek Co., Ltd.		320		320
	₩	17,311	₩	22,279

In addition, the Group has provided payment guarantees for others, including subsidiaries and others. (see Notes 31 and 33).

34.1.2.3. Other financial assets

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

34.1.3 Liquidity risk

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

The contractual maturity of financial liabilities as of September 30, 2021 is as follows. Amounts include interests paid and presented at gross amounts (Korean won in millions):

		Contractual	Less than	3~12		More than
	Book value	cash flow	3 months	months	1~5 years	5 years
Borrowings	₩ 22,567,044	₩ 23,642,121 ₩	4,823,794 ₩	4,354,130 ₩	13,081,033	₩ 1,383,164
Bonds payable	35,504,091	38,587,111	1,441,055	4,775,111	24,822,747	7,548,198
Derivative financial liabilities	433,350	455,482	103,373	303,105	45,994	3,010
Trade payables	8,195,892	8,195,892	7,852,411	343,481	-	-
Lease liabilities	4,779,308	5,239,582	129,992	1,130,806	2,566,731	1,412,053
Other liabilities	11,752,938	12,077,964	7,158,600	2,653,109	1,982,240	284,015
	₩ 83,232,623	₩ 88,198,152 ₩	21,509,225 ₩	13,559,742 ₩	42,498,745	₩ 10,630,440

34.1.4 Market risk

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

34.1.4.1 Currency risk

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

Details of foreign currencies and liabilities as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions and foreign currencies in thousands):

		Septembe	er 30,	2021	December 31, 2020			
		Foreign	K	orean won	Foreign	ŀ	Korean won	
	Currency	currencies	e	equivalent	currencies		equivalent	
Assets	USD	6,887,986	₩	8,161,574	4,399,956	₩	4,787,152	
	JPY	18,748,763		198,396	16,926,984		178,454	
	CNY	2,623,330		480,148	2,995,196		500,078	
	EUR	264,974		364,156	352,292		471,451	
	Others			927,066			437,237	
			₩	10,131,340		₩	6,374,372	
Liabilities	USD	11,455,125	₩	13,573,178	6,966,664	₩	7,579,730	
	JPY	10,739,458		113,643	12,517,757		131,970	
	CNY	2,857,187		522,951	2,773,350		463,039	
	EUR	264,929		364,095	376,452		503,783	
	Others			555,014			559,060	
			₩	15,128,881		₩	9,237,582	

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

			Septembe	er 30, 2021	December 31, 2020			
	Currency	Increase by 10%		Decrease by 10%	Increase by 10%	Decrease by 10%		
USD		₩	(541,160)	₩ 541,160) ₩ (279,258)	₩ 279,258		
JPY			8,475	(8,475	5) 4,648	(4,648)		
CNY			(4,280)	4,280	3,704	(3,704)		
EUR			6	(6	3,233)	3,233		

The Group is hedging currency risk by using derivative financial instruments such as currency swaps, currency forwards and others (See Note 19).

34.1.4.2 Interest rate risk

Interest rate risk is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. The Group's exposure to the risk of changes in market interest rates relates primarily to the Group's long-term debt obligations with floating interest rates. The Group's management has entered into the foreign currency swap and interest rate swap contracts to manage its interest rate risk (see Note 19).

34.2 Capital risk management

The fundamental goal of capital management is to keep a sound financial structure. The Group is using the debt ratio, calculated as total debt divided by total amount of capital, as an indicator of capital management. The Group maintains a debt ratio of 158.4% as of September 30, 2021. The maturity of the debt is dispersed in the long term; so, debt-repayments are not demanding.

The Group's debt ratio as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		September 30, 2021	December 31, 2020	
Total liabilities	₩	97,515,057	₩ 85,805,04	14
Total equity		61,546,015	51,859,91	18
Debt ratio		158.4%	165.5	%

35. Business combination

As of September 30, 2021, details of business combination are as follows.

(1) General information

The Group acquired 103,000 million third-party shares (35%) of Hana Land Chip PEF 33, as of January 1, 2021, as the deemed acquisition date. Hana Land Chip PEF 33 has been reclassified from investment in joint ventures to investment in subsidiaries, and it was liquidated for the nine-month period ended September 30, 2021

Maeripji Management Co., Ltd., a subsidiary of the Group, acquired an additional 30% of the voting shares of YS TEC Co., Ltd., an unlisted company that primarily engages in the activity of landfill waste on January 15, 2021. Accordingly, YS TEC Co., Ltd. has been reclassified from investment in joint ventures to investment in subsidiaries.

SK E&S Co., Ltd., a subsidiary of the Group, gained control by acquiring 100% of the shares in Busan Jungkwan Energy Co., Ltd. on January 1, 2021, as the deemed acquisition date. Busan Jungkwan Energy Co., Ltd. started commercial operation of 2 power generation facilities with a capacity of 50MW in October 2008 and January 2012, respectively, and produces and supplies heat and electricity in Busan Jungkwan District in a stable manner.

Crest Acquisition LLC, a subsidiary of the Group, acquired 70% of shares and gained control in Yposkesi, SAS, a French gene and cell therapy (GCT) drug consignment production (CMO) company, on March 31, 2021, as the deemed acquisition date to strengthen global drug consignment production business.

SK ecoplant Co., Ltd., a subsidiary of the Company, gained control by acquiring a stake in five waste disposal companies during the nine-month period ended September 30, 2021. SK ecoplant Co., Ltd. acquired a 50% stake in Seongju Tech Co., Ltd., an unlisted company, on April 28, 2021, acquired 100% stake in DDS Co., Ltd., an unlisted company which the main operating business is medical waste disposal, on June 24, 2021, acquired 100% stake in Samwon ENT Co., Ltd., an unlisted company which the main operating business is waste incineration, on June 30, 2021, acquired 100% stake in Saehan Environment Co., Ltd., an unlisted company which the main operating business is waste incineration, on August 6, 2021 and acquired 100% stake in Daewon Green Energy Co., Ltd., an unlisted company which the main operating business is waste incineration, on August 27, 2021.

35. Business combination (cont'd)

Tmap Mobility Co., Ltd., a subsidiary of the Company, acquired 100% shares of YLP Inc. (168,012 shares) and gained control. Out of the total cost of business combination amount $\mbox{$\fille T}$ 79,000 million, $\mbox{$\mbox{$\mbox{$\mu}$}55,598}$ million was paid in cash and acquired 70.4% stake (118,242 shares). In addition, 29.6% (49,770 shares) of Tmap Mobility Co., Ltd. owned by YLP Inc. was transferred on June 29, 2021, and 267,700 shares ($\mbox{$\mbox{$\mu}$}23,402$ million) were issued to shareholders in exchange for shares. On August 12, 2021, in order to expand the business portfolio related to the electric car charging business, which is high-growth field, the Group acquired 5,920,000 new convertible preferred shares of Signet EV Inc. and 1,620,087 old convertible preferred shares from the existing shareholders through a third-party allocation paid-in capital increases and obtained a control over the entity by acquiring 53.4% of voting rights.

(2) Identifiable assets acquired and liabilities assumed

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

	Hana Land		Busan Jungkwan		5 waste diposal		
Assets:	Chip PEF 33	YS TEC Co., Ltd	. Energy Co., Ltd.	Yposkesi, SAS	companies	YLP Inc.	Signet EV Inc.
Cash and cash equivalents	₩ 6,98	9 ₩ 26,900	1,673	₩ 12,091	₩ 16,989 ₩	5,897	₩ 226,611
Trade and other receivables	32	3 3,971	6,958	7,636	3,218	4,480	7,895
Inventories			-	19,024	110	· -	15,626
Property, plant and equipment	1,003,00	27,802	136,343	18,528	65,293	104	9,854
Right-of-use assets		- 73	47	25,238	889	327	482
Intangible assets		- 129,359	19,631	105,613	2	3,532	77,204
Deferred tax assets			8,419	3,222	1,532	-	-
Other assets		- 980		5,348	585	325	11,155
	1,010,31	2 189,085	178,025	196,700	88,618	14,665	348,827
Liabilities:							
Trade and other payables	₩ 7,59	3 ₩ 4,599	9 ₩ 4,006	₩ 7,495	₩ 6,436 ₩	3,542	₩ 9,424
Borrowing liabilities	308,50	0 -	103,874	20,558	42,555	1,000	14,233
Lease liabilities	·	- 75	45	25,238	909	327	486
Defined benefit liabilities			1,281	1,339	561	-	-
Deferred tax liabilities		- 31,148	-	-	-	305	14,409
Other liabilities		7,761	51,683	27,480	513	48	82,253
	316,093	43,583	160,889	82,110	50,974	5,222	120,805
Fair value of identifiable							
net assets	₩ 694,219	₩ 145,502	₩ 17,136	₩ 114,590	₩ 37,644 ₩	9,443	₩ 228,022

As of September 30, 2021, the fair value of the assets acquired and liabilities assumed was determined tentatively because independent valuation was not completed.

(3) Goodwill

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

		lana Land hip PEF 33	YS TEC Co., Ltd.	Busan Jungkwan Energy Co. I td	Yposkesi, SAS	5 waste diposal companies	YLP Inc.	Signet EV Inc.
The total consideration transferred (*1)	₩	694,805						
b. Fair value of proportionate share of acquired net assets:								
Fair value of the net identifiable assets		694,219	145,502	17,135	114,590	37,644	9,443	228,022
Non-controlling								
Interests (*2)					(44,690)	(307)		(106,298)
		694,219	145,502	17,136	69,900	37,337	9,443	121,724
c. Goodwill (c=a-b)	₩	586	₩ 145,502	₩ 17,136	₩ 114,590	₩ 37,644 ₩	9,443	₹ 228,022

- (*1) It includes the fair value of interests of investments in associates and joint ventures held before the business combination.
- (*2) Non-controlling interests arising from the merger are measured in proportion to the non-controlling interests in identifiable net assets of the merged company.

35. Business combination (cont'd)

(3) Details of assets and liabilities of the Group retroactively adjusted due to the business combination as of December 31, 2020 are as follows (Korean won in millions):

	Amount before adjustment	Retroactive adjustment	Amount after adjustment
Assets:	-	<u>-</u>	
Investments in associates and joint ventures	20,809,118	209,845	21,018,963
Lands	8,527,871	(13,362)	8,514,509
Buildings	4,568,817	(1,668)	4,567,149
Investment properties	570,554	(1,398)	569,156
Goodwill	4,755,455	(291,504)	4,463,951
Facility usage rights	66,014	(22,509)	43,505
Customer-related assets	2,842,553	156,767	2,999,320
Other intangible assets	1,702,097	(9,586)	1,692,511
Liabilities:			
Deferred tax liabilities	4,542,659	26,586	4,569,245

36. Events after the reporting period

36.1 Merger of SK Materials Co., Ltd.

On August 20, 2021, the Group's Board of Directors decided to merge SK Materials Co., Ltd. in order to improve the growth on the advanced materials field and management efficiency. On October 29, 2021, the board of directors' resolution for a small merger with SK Materials Co., Ltd. was approved. Details of the merger are as follows.

Surviving company after merger: SK, Inc

Extinct company after merger: SK Materials Co., Ltd.

Date of merger: December 1, 2021

Merging ratio: Ordinary share of SK, Inc.: Ordinary share of SK Materials Co., Ltd.

= 1.000000 : 1.5778412

36.2 Split-off from the SK Innovation Co., Ltd.

SK Innovation Co., Ltd., a subsidiary, split-off of its battery and E&P businesses from the Company as of October 1, 2021 followed by the resolution of the stockholders' meeting held on September 16, 2021 for the purposes of strengthening the capacity of these businesses in order to respond to changes in the internal and external business environments and enhancing the corporate values. The new split-off companies are SK On Co., Ltd. and SK Earthon Co., Ltd.

36.3 Disposal of treasury shares of SK Innovation Co., Ltd.

In accordance with the resolution of the Board of Directors' meeting held on October 1, 2021, SK Innovation Co., Ltd., a subsidiary, decided to dispose its treasury shares to the members of SK Innovation Co., Ltd. and its subsidiaries. The expected disposal dates are October 29, 2021 and December 16, 2021, and the expected number of shares to be disposed was 462,745. On October 29, 2021, the actual number of shares disposed was 448,830 with the amount of ₩110,349 million. The remaining treasury shares to be disposed can be changed depending on the agreement between SK Innovation Co., Ltd. and its subsidiaries and the share price on the disposal date.

36. Events after the reporting period (cont'd)

36.4 Spin-off of SK Telecom Co., Ltd.

SK Telecom Co., Ltd. a subsidiary of the Company, will be spin-off on November 1, 2021 according to the shareholder's meeting held on October 12, 2021 and will be re-listed on November 29, 2021.

The information related to SK Telecom Co., Ltd.'s spin-off is as follows:

	Company	Business division
Surviving company	SK telecom Co., Ltd.	Businesses including wired and wireless communications business
New company	SK Square Co., Ltd.	Business sectors for the purpose of managing shares in related investment companies, such as semiconductors and New ICT, and new investments

The schedule for the segmentation plan is as follows:

Split date
Split date
Split registration date
Period of suspension of trading (scheduled date)
Re-listed date (scheduled date)

Date
November 1, 2021
November 2, 2021
October 26, 2021 ~ November 26, 2021
November 29, 2021

36.5 Equivalent stock split of SK Telecom Co., Ltd.

SK Telecom Co., Ltd., a subsidiary of the Company, approved to split its shares at shareholder's meeting held on October 12, 2021 for the purpose of expanding the number of shares issued and outstanding, and the effect of the stock split took place on October 28, 2021. The total number of shares to be issued changed from 72,060,143 shares (value per share: ± 500) to 360,300,715 shares (value per share: ± 100). The allocation of new shares of the split-off company to the shareholders is based on the number of shares worth ± 100 per share, which were held by the shareholders subsequent to the stock split. The allocation of the split-off company's new shares per its common share are as follows.

	A new split-off corporation
Name of the company	SK Square Co., Ltd
Rate per common shares of split-off company	0.3926375 shares

36.6 Disposal of treasury shares of SK Telecom Co., Ltd.

SK Telecom Co., Ltd., a subsidiary, decided to dispose its treasury shares at the Board meeting held on October 12, 2021. Details are as follows.

Type and number of shares Share prices subject to disposal Expected disposal amount Expected disposal period Purpose of disposal Details

520,000 Ordinary shares

₩304,500 per share

₩158,340 million

October 25, 2021 ~ January 12, 2022

Bonus payment of its treasury shares

36. Events after the reporting period (cont'd)

36.7 Interim dividend payment of SK Telecom Co., Ltd.

SK Telecom Co., Ltd. declared to pay interim dividend in accordance with the Board's resolution on November 1, 2021 as follows:

Details Amount of interim dividend

₩ 2,500 per share (total amount of dividend: ₩ 177,902 millions)

Ratio of dividend to market value 0.80%

Basic date for dividend

September 30, 2021

Date of dividend payment

Within November 21, 2021 on the basis of Article 165-12 (3) of the Capital

Market and Financial Investment Business Act

36.8 New investment decision of SK ecoplant Co., Ltd.

SK ecoplant Co., Ltd., a subsidiary of the Company, decided to invest \(\pi 303.5\) billion in Bloom Energy Corporation through the Board's resolution on October 8, 2021.

36.9 Expand of investment in eco-friendly businesses of SK ecoplant Co., Ltd.

SK ecoplant Co., Ltd., a subsidiary of the Company, decided on \w208 billion in share acquisition of three companies including Green Environmental Technology Co., Ltd.

36.10 Split-off of SK ecoplant Co., Ltd.

SK ecoplant Co., Ltd., a subsidiary of the Company, decided to split-off of its plant division followed by the Board's resolution on October 28, 2021 and to sell some of its newly established entity's shares to PEF at ₩450 billion.

36.11 Merger agreement of Environment Management Corporation Co., Ltd.

Environment Management Corporation Co., Ltd., a subsidiary of the SK ecoplant Co., Ltd. (subsidiary of the Company), signed a merger agreement (merging Maeripji Management Co., Ltd. and The Eco Platform Co., Ltd., a parent company of Environment Management Corporation Co., Ltd.) with Environmental Energy Co., a subsidiary of Environment Management Corporation Co., Ltd., as of December 1, 2021 followed by the resolutions of the Board of Director's meeting held on August 31, 2021 and the shareholders' meeting held on October 28, 2021. The creditors' protection procedures for the merger are ongoing at the moment, and there is no impact on the interim condensed consolidated financial statements.

36.12 Issuance of redeemable convertible preferred shares of SK E&S Co., Ltd.

On November 5, 2021, SK E&S Co., Ltd., a subsidiary of the Company, issued 4,094,293 shares of redeemable convertible preferred shares without voting rights. SK E&S Co., Ltd. has the right to repay all preferred shares in cash or other assets with the choice of SK E&S Co., Ltd. by resolution of the Board of Directors. If the preferred shareholder informs SK E&S Co., Ltd. in writing of the conversion rights within the conversion claim period or gives a written notice that SK E&S Co., Ltd. will not exercise its right to repay or exercise its right to repay within two months from the date of receipt of the conversion claim, the preferred shareholder may exercise its right to conversion right.

36. Events after the reporting period (cont'd)

36.13 Public purchase of Busan City Gas Co., Ltd. by SK E&S Co., Ltd.

SK E&S Co., Ltd., a subsidiary of the Company, made a public purchase from September 16, 2021 to October 15, 2021 in order to acquire all remaining outstanding shares of Busan City Gas Co., Ltd., which are not held by Busan City Gas Co., Ltd. As of October 20, 2021, SK E&S Co., Ltd.'s stake in Busan City Gas Co., Ltd. changed from 67.32% to 84.34% and ownership of SK E&S Co., Ltd., including treasury shares of Busan City Gas Co., Ltd., changed from 76.40% to 93.42%.

36.14 Share exchange contract between SK E&S Co., Ltd. and Busan City Gas Co., Ltd.

SK E&S Co., Ltd., a subsidiary of the Company, signed a share exchange contract with Busan City Gas Co., Ltd., a subsidiary of the Company, on October 18, 2021. As of the share exchange date, the remaining shares of Busan City Gas Co., Ltd., which the shareholders own other than the shares owned by SK E&S Co., Ltd., will be transferred to SK E&S Co., Ltd., and SK E&S Co., Ltd. will issue \widetilde{\pi}85,000 in cash per share in exchange.