

SK Inc. and its subsidiaries

Condensed Consolidated Interim Financial Statements June 30, 2023 (with Independent Auditors' Review Report Thereon)

Table of contents

	Page
Independent Auditors' Review Report	1
Condensed Consolidated Interim Financial Statements	
Condensed Consolidated Interim Statements of Financial Position	3
Condensed Consolidated Interim Statements of Comprehensive Income	4
Condensed Consolidated Interim Statements of Changes in Equity	6
Condensed Consolidated Interim Statements of Cash Flows	8
Notes to the Condensed Consolidated Interim Financial Statements	9



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Independent Auditors' Review Report

Based on a report originally issued in Korean

To the Shareholders and Board of Directors of SK Inc.

Reviewed Financial Statements

We have reviewed the accompanying condensed consolidated interim financial statements of SK Inc. and its subsidiaries (the "Company"), expressed in Korean won, which comprise the condensed consolidated interim statement of financial position as of June 30, 2023, the related condensed consolidated interim statement of comprehensive income (loss) for the three-month and six-month periods ended June 30, 2023, and the related condensed consolidated interim statement of changes in equity and cash flows for the six-month period ended June 30, 2023, and notes comprising a summary of material accounting policy information and other explanatory information.

Responsibilities of Management for the Interim Financial Statements

Management is responsible for the preparation and fair presentation of these condensed consolidated interim financial statements in accordance with Korean International Financial Reporting Standard ("K-IFRS") No. 1034 "Interim Financial Reporting", and for such internal control as management determines is necessary to enable the preparation of condensed consolidated interim financial statements that are free from material misstatement. whether due to fraud or error.

Auditors' Responsibilities

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

We conducted our review in accordance with the Review Standards for Quarterly and Semiannual Financial Statements established by the Securities and Futures Commission of 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 Standards on Auditing ("KSAs") 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 condensed consolidated interim financial statements referred to above are not presented fairy, in all material respects, in accordance with the K-IFRS No. 1034, "Interim Financial Reporting".

Other matters

The condensed consolidated interim statements of comprehensive income for the three-month and six-month periods ended June 30, 2022, and the condensed consolidated interim statements of changes in equity and cash flows for the six-month period ended June 30, 2022, presented for comparative purposes, were reviewed by another auditor whose report dated August 16, 2022, stated that nothing has come to their attention that causes them to believe that the condensed consolidated interim financial information as of June 30, 2022 was not prepared, in all material respects, in accordance with the K-IFRS No. 1034, "Interim Financial Reporting".

Moreover, the consolidated statement of financial position as of December 31, 2022, the related statement of comprehensive income, changes in equity and cash flows for the year then ended, which are not accompanying this report, were audited by another auditor in accordance with KSAs, whose report thereon dated March 14, 2023, expressed an unqualified opinion. The accompanying consolidated statement of financial position as of December 31, 2022, presented for comparative purposes, is not different from that audited by another auditor from which it was derived in all material respects.



The procedures and practices utilized in the Republic of Korea to review such condensed consolidated interim financial statements may differ from those generally accepted and applied in other countries.

The accompanying condensed consolidated interim financial statements as of June 30, 2023, for the three-month and six-month periods ended June 30, 2023 and 2022, and the consolidated statement of financial position as of December 31, 2022 have been translated into United States dollars solely for the convenience of the reader and such translation does not comply with K-IFRS. We have reviewed the translation and nothing came to our attention that cause us to believe that the condensed consolidated interim financial statements expressed in Korean won have not been translated into dollars on the basis set forth in note 2.1 to the condensed consolidated interim financial statements.

KPMG Samjong Accounting Corp.

KPMG Samjory Accounting Corp.

Seoul, Korea August 14, 2023

This review report is effective as of August 14, 2023, the review report date. Certain subsequent events or circumstances, which may occur between the review report date and the time of reading this review report, could have a material impact on the accompanying condensed consolidated interim financial statements and notes thereto. Accordingly, the readers of the review report should understand that the above review report has not been updated to reflect the impact of such subsequent events or circumstances, if any.

			Kor	ean w	on		Translatio	n into l Note 2)	
	Notes	Jı	une 30, 2023	D	ecember 31, 2022	Jı	une 30, 2023	Dec	ember 31, 2022
Assets			· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·		
Current assets:									
Cash and cash equivalents	5	₩	21,928,210	₩	21,393,853	\$	16,703,390	\$	16,296,354
Short-term financial instruments	5, 32		3,410,911		3,727,273		2,598,195		2,839,178
Trade receivables, net	5, 6, 27, 32, 34		13,063,416		14,334,532		9,950,804		10,919,052
Other receivables, net	5, 27, 31, 34		2,846,200		3,559,791		2,168,038		2,711,602
Inventories, net	7, 32		14,804,552		15,552,284		11,277,081		11,846,651
Short-term investment securities	5, 8, 32, 34		180,134		240,621		137,214		183,288
Other current assets	5, 6, 18, 19, 32, 34		6,232,644		5,589,702		4,747,596		4,257,847
Assets held for sale	29		3,823,726		595,523		2,912,649		453,628
Total current assets			66,289,793		64,993,579		50,494,967		49,507,600
Non-current assets:									
Long-term financial instruments	5, 32		74,601		112,484		56,826		85,683
Long-term trade receivables, net	5, 6, 27, 34		536,234		517,701		408,466		394,349
Long-term other receivables, net	5, 27, 31, 34		348,155		380,964		265,200		290,192
Long-term investment securities	5, 8, 32, 34		9,011,826		7,950,497		6,864,584		6,056,137
Investments in associates and joint ventures	9, 32		25,876,356		27,457,005		19,710,814		20,914,842
Property, plant and equipment, net	10, 32		66,085,807		59,921,872		50,339,585		45,644,327
Right-of-use assets, net	11		5,170,900		5,437,414		3,938,833		4,141,845
Investment property, net	12, 32		1,874,300		1,866,106		1,427,712		1,421,470
Goodwill	13		6,946,903		7,475,558		5,291,669		5,694,362
Intangible assets, net Defined benefit assets	14 17		11,281,710		12,709,019		8,593,624		9,680,849
Defined benefit assets Deferred tax assets	17		495,885 1,405,070		660,282 1,166,846		377,731 1,070,285		502,957 888,822
Other non-current assets	5, 6, 18, 19, 27, 34		3,962,734		3,856,533		3,018,535		2,937,640
Total non-current assets	5, 6, 16, 19, 27, 34		133,070,481		129,512,281	_	101,363,864		98,653,475
Total assets		₩	199,360,274	₩	194,505,860	•	151,858,831	•	148,161,075
			,		10 1,000,000	<u>*</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,
Liabilities and equity									
Liabilities									
Current liabilities:									
Short-term borrowings	5, 15, 31, 32, 34	₩	16,041,188	₩	17,457,297	\$	12,219,065	\$	13,297,758
Trade payables	5, 27, 34		12,316,382		14,024,892		9,381,766		10,683,190
Other payables	5, 27, 34		7,296,831		7,204,577		5,558,220		5,487,947
Provisions	16		570,301		640,198		434,416		487,658
Current portion of long-term debt Other current liabilities	5, 15, 31, 32, 34		12,066,062		11,373,120		9,191,089		8,663,254
Liabilities held for sale	5, 6, 11, 18, 19 29		11,327,813 2,999,423		12,285,360 67,760		8,628,742 2,284,752		9,358,135 51,615
Total current liabilities	29		62,618,000		63,053,204		47,698,050		48,029,557
Total current habilities			02,010,000		03,033,204		47,090,030		46,029,337
Non-current liabilities: Bonds and long-term borrowings	5, 15, 31, 32, 34		48,060,249		45,641,745		36,608,965		34,766,716
Long-term other payables	5, 15, 31, 32, 34		1,351,095		1,513,207		1,029,170		1,152,656
Defined benefit liabilities	5, 34 17		86,414		170,368		65,824		129,775
Provisions	16		1,046,308		866,826		797.005		660.288
Deferred tax liabilities	10		3,661,205		4,435,594		2,788,852		3,378,728
Other non-current liabilities	5, 6, 11, 18, 19, 27, 34		7.028.087		7,016,126		5,353,509		5,344,398
Total non-current liabilities	0, 0, 11, 10, 10, 21, 01		61,233,358		59,643,866	_	46,643,325		45,432,561
Total liabilities			123,851,358		122,697,070		94,341,375		93,462,118
Equity									
Equity attributable to owners of the parent:									
Share capital	1, 20		16,143		16,143		12,297		12,297
Other paid-in capital	20		6,907,960		6,401,912		5,262,005		4,876,533
Retained earnings	20		14,548,240		14,918,613		11,081,840		11,363,965
Other components of equity	20		803,107		258,878		611,751		197,195
Equity attributable to owners of the Parent Company	-		22,275,450		21,595,546		16,967,893		16,449,990
Non-controlling interests	1		53,233,466		50,213,244		40,549,563		38,248,967
Total equity			75,508,916		71,808,790		57,517,456		54,698,957
Total liabilities and equity		₩	199,360,274	₩	194,505,860	<u>\$</u>	151,858,831	<u>\$</u>	148,161,075

					Korea	an w	on .		
			June 3	0, 2	023		June 3	30, 20)22
	Notes	T	hree-month		Six-month	Т	hree-month	_ ;	Six-month
Sales Cost of sales	4, 27 24, 27	₩	31,923,219 29,474,485	₩	64,625,805 59,156,175	₩	32,572,360 27,374,802	₩	62,603,824 52,840,054
Gross profit			2,448,734		5,469,630		5,197,558		9,763,770
Other operating revenue	4		167,000		167,000				_
Selling and administrative expenses	21, 24, 27		1,920,640	_	3,811,121		1,656,298		3,229,621
Operating profit	4		695,094		1,825,509		3,541,260		6,534,149
Finance income	22		1,460,560		3,631,922		2,300,906		4,297,202
Finance costs	22		1,980,013		4,806,857		3,146,682		6,011,415
Share of profit of equity-accounted investees, net	9		(646,307)		(1,191,714)		625,650		1,037,242
Other non-operating income	23		679,033		915,532		229,931		1,053,961
Other non-operating expenses	23		425,942		577,204		71,960		173,674
Other non-operating expenses	20	_	420,342		311,204		7 1,300		173,074
Profit (loss) from continuing operations before income tax expense	4		(217,575)		(202,812)		3,479,105		6,737,465
Income tax expense (benefit) from continuing operations	25		(13,982)		62,353		1,046,856		2,040,168
Profit (loss) for the period from continuing operations	4		(203,593)		(265,165)		2,432,249		4,697,297
Gain (loss) from discontinued operation	28		2,621		57,587	_	(65,409)		670,747
Profit (loss) for the period attributable to:		₩	(200,972)	₩	(207,578)	₩	2,366,840	₩	5,368,044
			(141 202)		(10 017)		797.929		2.020.658
Owners of the Parent Company Non-controlling interests			(141,393) (59,579)		(18,817) (188,761)		1,568,911		3,347,386
Other comprehensive income (loss): Items that will not be reclassified subsequently to profit or loss (net of tax): Remeasurements of the net defined benefit plans Net gain (loss) on valuation of financial assets measured at FVOCI Items that are or may be reclassified subsequently to profit or loss (net of tax):			6,438 (72,396)		(63,822) 22,766		10,893 (1,312,654)		28,256 (1,708,777)
Equity adjustment arising from investments in equity-accounted investees			(87,022)		99,109		159,151		320,378
Net gain (loss) on valuation of derivative instruments			(8,013)		(20,654)		57,303		9,265
Foreign currency translation differences for foreign operations			29,980		1,100,586		1,290,515		1,677,721
			(131,013)		1,137,985		205,208		326,843
Total comprehensive income (loss) for the period attributable to:		₩_	(331,985)	₩	930,407	₩	2,572,048	₩_	5,694,887
Owners of the Parent Company Non-controlling interests			(199,937) (132,048)		473,268 457,139		758,954 1,813,094		2,104,156 3,590,731
Earnings (losses) per share (Korean won): Basic earnings (losses) per share Diluted earnings (losses) per share Basic earnings (losses) per share from continuing operations Diluted earnings (losses) per share from continuing operations	26	₩	(2,544) (2,544) (2,557) (2,557)	₩	(371) (371) (646) (646)	₩	14,183 14,155 14,531 14,503	₩	35,962 35,894 30,686 30,628

				Translation into	U.S.	dollar (Note 2	2)	
		-	June 3			June 3		122
	Notes	Th	ree-month	Six-month	Т	hree-month		Six-month
Sales Cost of sales	4, 27 24, 27	\$	24,316,894 22,451,619	\$ 49,227,457 45,061,072	\$	24,811,365 20,852,226	\$	47,687,252 40,249,889
Gross profit			1,865,275	4,166,385		3,959,139		7,437,363
Other operating revenue	4		127,209	127,209		-		_
Selling and administrative expenses	21, 24, 27		1,463,010	2,903,048	_	1,261,653		2,460,101
Operating profit	4		529,474	1,390,546		2,697,486		4,977,262
Finance income	22		1,112,553	2,766,546		1,752,671		3,273,310
Finance costs	22		1,508,237	3,661,530		2,396,924		4,579,079
Share of profit of equity-accounted investees, net	9		(492,312)	(907,765)		476,577		790,099
Other non-operating income	23		517,240	697,389		175,145		802,834
Other non-operating expenses	23		324,453	439,674		54,814		132,293
Other Hori-operating expenses	20		324,433	400,074		34,014		132,233
Profit (loss) from continuing operations before income tax expense	4		(165,735)	(154,488)		2,650,141		5,132,133
Income tax expense (benefit) from continuing operations	25	_	(10,651)	47,496	_	797,422		1,554,059
Profit (loss) for the period from continuing operations	4		(155,084)	(201,984)		1,852,719		3,578,074
Gain (loss) from discontinued operation	28		1,996	43,866		(49,824)		510,929
Profit (loss) for the period attributable to:		\$	(153,088)	\$ (158,118)	\$	1,802,895	\$	4,089,003
			(407 700)	(4.4.000)		007.007		4 500 407
Owners of the Parent Company Non-controlling interests			(107,703) (45,385)	(14,333) (143,785)		607,807 1,195,088		1,539,197 2,549,806
Other comprehensive income (loss): Items that will not be reclassified subsequently to profit or loss (net of tax): Remeasurements of the net defined benefit plans Net gain (loss) on valuation of financial assets measured at FVOCI Items that are or may be reclassified subsequently to profit or loss (net of tax):			4,904 (55,146)	(48,615) 17,342		8,298 (999,889)		21,523 (1,301,628)
Equity adjustment arising from investments in equity-accounted investees			(66,287)	75,494		121,230		244,042
Net gain (loss) on valuation of derivative instruments			(6,104)	(15,733)		43,649		7,057
Foreign currency translation differences for foreign operations			22,837	838,350		983,025		1,277,972
,			(99,796)	866,838		156,313		248,966
Total comprehensive income (loss) for the period attributable to:		\$	(252,884)	\$ 708,720	\$	1,959,208	\$	4,337,969
Owners of the Parent Company Non-controlling interests			(152,298) (100,586)	360,503 348,217		578,119 1,381,089		1,602,800 2,735,169
Earnings (losses) per share (U.S. dollar): Basic earnings (losses) per share Diluted earnings (losses) per share Basic earnings (losses) per share from continuing operations Diluted earnings (losses) per share from continuing operations	26	\$	(1.94) (1.94) (1.95) (1.95)	\$ (0.28) (0.28) (0.49) (0.49)	\$	10.80 10.78 11.07 11.05	\$	27.39 27.34 23.37 23.33

SK Inc. and its subsidiaries
Condensed consolidated interim statements of changes in equity
for the six-month periods ended June 30, 2023 and 2022
(Korean won in millions)

				į				Other	Equi	Equity attributable	:	:		
	Shar	Share capital	pai	Otner paid-in capital		Ketained earnings	8	components of equity	Par	to owners of the Parent Company	Š	Non-controlling interests	F	Total equity
As of January 1, 2022	#	16,143	≱	6,445,296	≱	14,057,406	≱	721,262	≱	21,240,107	≱	44,302,628	≱	65,542,735
Total comprehensive income:														
Profit for the period		•		ı		2,020,658		1		2,020,658		3,347,386		5,368,044
Remeasurements of the net defined benefit plans		•		1		11,900		'		11,900		16,356		28,256
Net gain (loss) on valuation of financial assets		•		1		15,402		(1,008,810)		(993,408)		(715,369)		(1,708,777)
measured at FVOCI														
Equity adjustment arising from		•		1		•		131,397		131,397		188,981		320,378
investments in equity-accounted investees														
Net gain (loss) on valuation of derivative		•		ı		•		(68,568)		(68,568)		77,833		9,265
instruments														
Foreign currency translation differences		•		1		•		1,002,177		1,002,177		675,544		1,677,721
for foreign operations														
Transactions with owners:														
Dividends		•		•		(368, 286)		•		(368,286)		(946, 162)		(1,314,448)
Equity transactions within consolidated entities		٠		22,316				•		22,316		874,750		990'268
Changes in the scope of consolidation		٠		•		•		•		•		559,784		559,784
Others		•		(15,678)		3,563		'		(12,115)		(5,370)		(17,485)
9 As of June 30, 2022	≱	16.143	≱	6.451.934	≱	15.740.643	≱	777,458	≱	22.986.178	≱	48.376.361	≱	71.362,539
As of January 1, 2023	≱	16,143	≱	6,401,912	≱	14,918,613	≱	258,878	≱	21,595,546	≱	50,213,244	≱	71,808,790
Total comprehensive income:														
Loss for the period		•		1		(18,817)		1		(18,817)		(188,761)		(207,578)
Remeasurements of the net defined benefit plans		•		•		(40,290)		•		(40,290)		(23,532)		(63,822)
Net gain (loss) on valuation of financial assets		•		ı		(11,854)		(26,155)		(38,009)		60,775		22,766
measured at FVOCI														
Equity adjustment arising from		•		1		1		63,330		63,330		35,779		99,109
investments in equity-accounted investees														
Net loss on valuation of derivative		•		•		•		(3,219)		(3,219)		(17,435)		(20,654)
instruments														
Foreign currency translation differences		•		•		•		510,273		510,273		590,313		1,100,586
for foreign operations														
Transactions with owners:														
Dividends		•		•		(195,114)		•		(195,114)		(974,656)		(1,169,770)
Stock-based payment		•		7,644				•		7,644		22,080		29,724
Incineration of treasury stocks		•		100,681		(100,681)		•		•		•		•
Equity transactions within consolidated entities		•		407,510				•		407,510		3,093,057		3,500,567
Changes in the scope of consolidation		٠		•		•		•		•		424,078		424,078
Others		•		(9,787)		(3,617)		•		(13,404)		(1,476)		(14,880)
As of June 30, 2023		16,143	≱	096,706,9	≱	14,548,240	≱	803,107	≱	22,275,450	≱	53,233,466	≱	75,508,916
	:							,						

Condensed consolidated interim statements of changes in equity for the six-month periods ended June 30, 2023 and 2022 (cont'd) (U.S. dollar in thousands) SK Inc. and its subsidiaries

				Other		Retained	Other components		Equity attributable to owners of the		Non-controlling		
	Shar	Share capital	paic	paid-in capital		earnings	of equity	 	Parent Company	l I	interests	ď	Total equity
As of January 1, 2022	↔	12,297	69	4,909,580	₩	10,707,957	\$ 549,407	\$ 20	16,179,241	↔	33,746,670	₩	49,925,911
Total comprehensive income:													
Profit for the period		•		•		1,539,197		,	1,539,197		2,549,806		4,089,003
Remeasurements of the net defined benefit plans		•		•		9,065		,	9,065		12,458		21,523
Net gain (loss) on valuation of financial assets		•		1		11,732	(768,442)	42)	(756,710)	_	(544,918)		(1,301,628)
measured at FVOCI													
Equity adjustment arising from		•		•		•	100,089	89	100,089	_	143,953		244,042
investments in equity-accounted investees													
Net gain (loss) on valuation of derivative		•		•		•	(52,230)	30)	(52,230)	_	59,287		7,057
instruments													
Foreign currency translation differences		•		•		•	763,389	89	763,389		514,583		1,277,972
for foreign operations													
Transactions with owners:													
Dividends		•		•		(280,535)		,	(280,535)	_	(720,721)		(1,001,256)
Equity transactions within consolidated entities		•		16,999					16,999		666,324		683,323
Changes in the scope of consolidation		•		•		•		,	•		426,405		426,405
Others		•		(11,942)		2,714		,	(9,228)	_	(4,090)		(13,318)
As of June 30, 2022	s	12,297	S	4,914,637	⊗	11,990,130	\$ 592,213	113	17,509,277	∽	36,849,757	\$	54,359,034
As of January 1, 2023	↔	12,297	↔	4,876,533	₩	11,363,965	\$ 197,195	92	16,449,990	↔	38,248,967	↔	54,698,957
Total comprehensive income:													
Loss for the period		•		•		(14,333)			(14,333)	_	(143,785)		(158,118)
Remeasurements of the net defined benefit plans		•		•		(30,690)			(30,690)	_	(17,925)		(48,615)
Net gain (loss) on valuation of financial assets		•		•		(0:030)	(19,923)	23)	(28,953)	_	46,295		17,342
measured at FVOCI													
Equity adjustment arising from		•		•		•	48,240	40	48,240	_	27,254		75,494
investments in equity-accounted investees													
Net loss on valuation of derivative		•		•		•	(2,452)	52)	(2,452)	_	(13,281)		(15,733)
instruments													
Foreign currency translation differences		1		•		•	388,691	91	388,691		449,659		838,350
for foreign operations													
Transactions with owners:													
Dividends		٠		•		(148,624)		,	(148,624)	_	(742,425)		(891,049)
Stock-based payment		1		5,823				,	5,823		16,819		22,642
Incineration of treasury stocks		1		76,692		(76,692)		,	•		•		•
Equity transactions within consolidated entities		•		310,412		` '		,	310,412		2,356,076		2,666,488
Changes in the scope of consolidation		٠		•		•		,	•		323,033		323,033
Others		1		(7,455)		(2,756)		,	(10,211)	_	(1,124)		(11,335)
As of June 30, 2023	₩.	12.297	₩.	5.262.005	₩.	11.081.840	\$ 611.751	51	16.967.893	6 5	40.549.563	₩.	57.517.456
	<u> </u>	·	¥	2,-2-1	}	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				II		,	

See accompanying notes to the condensed consolidated interim financial statements.

Cash flows from operating activities: Koras (20.7 st.) Z0.23 (20.2 st.) Z0.2 st.				Fo	r the	six-month pe	rioc	d ended June	30	
Notes 2023 2022 2023 2023 2022 2023 2022 2023 2022 2023 2022 2023 2023 2022 2023 2022 2023 2022 2023 2022 2023 2023 2022 2023 2022 2023 2023 2022 2023 2023 2023 2022 2023 2023 2022 2023 2023 2022 2023 2023 2023 2022 2023 2023 2022 2023 2023 2022 2023 2023 2023 2022 2023								Translation in	ıto l	J.S. dollar
Pash flows from operating activities: Profit for the period W (207,578) W 5,368,044 \$ (158,118) \$ 4,089,003 Non-cash adjustments 30 6,661,307 6,137,085 4,997,049 4,674,806 Working capital adjustments 30 975,345 (4,365,283) 742,950 (3,325,177) Interest received 375,945 (4,365,283) 742,950 (3,325,177) Interest received 375,945 (13,864 286,869) 103,492 Interest paid (1,522,873) (841,924) (1,160,019) (641,319) Dividends received 235,001 344,627 179,007 262,513 Income tax paid (1,373,629) (1,370,069) (1,046,335) (1,043,524) Net cash provided by operating activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities 2,23,444 5,28,873 (170,204) 40,275 Decrease (increase) in short-term and long-term loans, net 2,23,444 5,28,873 (170,204) 40,275 Decrease (increase) in short-term investment securities 2,56,834 48,130 45,425 36,662 Proceeds from disposal of investments in associates and 111,176 7,756 84,686 5,908 Proceeds from disposal of investments in associates and 111,176 7,756 84,686 5,908 Proceeds from disposal of intangible assets 41,122 24,838 10,757 18,768 Proceeds from disposal of passets held for sale 552,523 446,077 420,874 415,306 Proceeds from disposal of investments ecurities (63,659) (683,				Korea	n wo	n		(No	te 2))
Profit for the period Non-cash adjustments	1	Notes		2023		2022		2023		2022
Profit for the period Non-cash adjustments	Cash flows from operating activities:									
Morking capital adjustments 30 975,345 13,864 236,269 103,325,177 Interest received 375,945 135,864 226,369 103,349 104,160,019 (64,1319) Dividends received (1,522,873) (841,924) (1,160,019) (64,1319) Dividends received (1,373,629) (1,370,669) (1,046,335) (1,043,529) (1,046,335) (1,045,325) (1,046,335) (1,046,335) (1,046,355) (1,046,3			₩	(207,578)	₩	5,368,044	\$	(158,118)	\$	4,089,003
Interest received 375,945 135,864 286,369 103,492 Interest paid (1,522,873) (841,924) (1,160,019) (641,319) Dividends received 235,001 344,627 179,007 262,513 Income tax paid (1,373,629) (1,370,069) (1,046,335) (1,043,624) Net cash provided by operating activities	Non-cash adjustments	30		6,561,307		6,137,085		4,997,949		4,674,806
Interest received 375,945 136,864 286,369 103,492 Interest paid (1,522,873) (841,924) (1,180,019) (641,319) (1,180,019)	Working capital adjustments	30		975,345		(4,365,293)		742,950		(3,325,177)
Interest paid (1.522.873) (841,924) (1.160,019) (641,319) Dividends received 235,001 334,627 179,007 262,513 Income tax paid (1.373.629) (1.370,069) (1.046,335) (1.046,624) Net cash provided by operating activities 5,043,818 5,408,334 3,841,803 4,119,694 Cash flows from Investing activities				375,945				286,369		
Dividends received 235,011 344,627 179,007 262,513 Income tax paid (1,373,629) (1,370,069) (1,046,335) (1,043,624) Net cash provided by operating activities 5,043,518 5,408,334 3,841,803 4,119,694 Cash flows from investing activities:	Interest paid									
Net cash provided by operating activities 5,043,518 5,408,334 3,841,803 4,119,694	·									
Decrease (increase) in short-term and long-term financial instruments, net Decrease (increase) in short-term and long-term lonas, net (223,444) 52,873 (170,204) 40,275 Decrease (increase) in short-term investment securities, net 59,634 48,130 45,425 36,662 Proceeds from disposal of long-term investment securities 245,992 500,828 187,380 381,496 Proceeds from disposal of investments in associates and 111,176 7,756 84,686 5,908 joint ventures Proceeds from disposal of property, plant and equipment 96,168 216,755 73,254 165,109 Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,788 Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,788 Proceeds from disposal of sasets held for sale 552,523 448,067 420,874 341,306 Acquisition of long-term investment securities (663,659) (683,932) (505,529) (520,972) Acquisition of investments in associates and joint ventures (467,466) (91,789) (356,083) (686,920) Acquisition of property, plant and equipment (9,386,116) (5,102,407) (7,149,691) (3,886,660) Acquisition of property, plant and equipment (9,386,116) (5,102,407) (7,149,691) (3,886,660) Acquisition of property, plant and equipment (183,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net (1,440,153) 7,201,483 (1,097,009) 5,485,590 (1,264,164) (1				,		,		,		,
Decrease (increase) in short-term and long-term financial instruments, net Decrease (increase) in short-term and long-term financial instruments, net Decrease (increase) in short-term and long-term loans, net C23,444 52,873 C170,204 40,275 Decrease (increase) in short-term investment securities, net 59,634 48,130 45,425 36,662 Proceeds from disposal of long-term investment securities 245,992 500,828 187,380 381,496 Proceeds from disposal of investments in associates and 111,176 7,756 84,686 5,908 joint ventures Proceeds from disposal of property, plant and equipment 96,168 216,755 73,254 165,109 Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,788 Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,788 Proceeds from disposal of intangible assets 663,659 683,932 505,529 502,972 Acquisition of long-term investment securities (663,659) (683,932) (505,529) (520,972 Acquisition of investments in associates and joint ventures (467,466) (91,789) (356,083) (686,920 Acquisition of property, plant and equipment (9,386,145) (5,102,407 (7,149,691) (3,886,660 Acquisition of property, plant and equipment (198,396) (246,416) (151,124 (187,703 Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net (1,440,153) 7,201,483 (1,097,009 5,485,590 Increase in bonds and borrowings (1,440,153) 7,201,483 (1,097,009 5,485,590 Increase in bonds and borrowings (1,440,153) 7,201,483 (1,097,009 5,485,590 Increase in bonds and borrowings (1,440,153) (4,431,600 (4,69,274) (3,375,686 Decrease in long-term other payables (413,859) (405,583) (415,683) (315,249 (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,945) (308,94	Net cash provided by operating activities			5 043 518		5 408 334		3 841 803		4 119 694
Decrease (increase) in short-term and long-term financial instruments, net 1,574,535 307,668 1,199,372	Net cash provided by operating activities			3,043,310		3,400,334		3,041,003	_	4,113,034
Instruments, net	•									
Decrease (increase) in short-term investment securities, net 59,634 48,130 45,425 36,662 Proceeds from disposal of long-term investment securities 245,992 500,828 187,380 381,496 Proceeds from disposal of investments in associates and 111,176 7,756 84,686 5,908 joint ventures Proceeds from disposal of property, plant and equipment 96,168 216,755 73,254 165,109 Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,768 Proceeds from disposal of assets held for sale 552,523 448,067 420,874 341,306 Acquisition of long-term investment securities (663,659) (683,932) (505,529) (520,972) Acquisition of investments in associates and joint ventures (467,466) (901,789) (356,083) (366,083) (` ,			403,906		(1,574,535)		307,668		(1,199,372)
Proceeds from disposal of long-term investments exeurities 245,992 500,828 187,380 381,496 Proceeds from disposal of investments in associates and joint ventures 111,176 7,756 84,686 5,908 Proceeds from disposal of property, plant and equipment 96,188 216,755 73,254 165,109 Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,768 Proceeds from disposal of assets held for sale 552,523 448,067 420,874 341,306 Acquisition of long-term investment securities (663,659) (683,932) (505,529) (520,972) Acquisition of investments in associates and joint ventures (467,466) (901,789) (356,083) (686,202) Acquisition of property, plant and equipment (9,386,115) (5,102,407) (7,149,691) (3,886,660) Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net (10,883) (602,454) 82,940	Decrease (increase) in short-term and long-term loans, net			(223,444)		52,873		(170,204)		40,275
Proceeds from disposal of investments in associates and joint ventures 7,756 84,686 5,908 joint ventures 7 proceeds from disposal of property, plant and equipment 96,168 216,755 73,254 165,109 Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,768 Proceeds from disposal of assets held for sale 552,523 448,067 420,874 341,306 Acquisition of long-term investment securities (663,659) (683,639) (683,932) (505,529) (520,972) Acquisition of investments in associates and joint ventures (467,466) (901,789) (356,083) (686,920) Acquisition of property, plant and equipment (9,386,115) (5,102,407) (7,149,691) (3,886,660) Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net 108,883 (602,454) 82,940 (458,908) Net cash used in investing activities (9,317,519) (9,585,447) (7,097,437) (7,301,530) Increase in bonds and borrowings (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (9,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (1,187,310) (1,131,949) (90,4410) (1,005,099) Payment of dividends (1,187,310) (1,319,494) (90,4410) (1,005,099) Others, net 56,468 (32,926) 43,013 (25,081)	Decrease (increase) in short-term investment securities, net			59,634		48,130		45,425		36,662
joint ventures	Proceeds from disposal of long-term investment securities			245,992		500,828		187,380		381,496
Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,768 Proceeds from disposal of assets held for sale 552,523 448,067 420,874 341,306 Acquisition of long-term investment securities (663,659) (683,932) (505,529) (520,972) Acquisition of investments in associates and joint ventures (467,466) (901,789) (356,083) (686,920) Acquisition of property, plant and equipment (9,386,115) (5,102,407) (7,149,691) (3,886,660) Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net 108,883 (602,454) 82,940 (458,908) Net cash used in investing activities (9,317,519) (9,585,447) (7,097,437) (7,301,530) Cash flows from financing activities: (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase (decrease) in short-term borrowings, net (1,460,153) 5,610,226 8,080,555 4,273,481 </td <td>· ·</td> <td></td> <td></td> <td>111,176</td> <td></td> <td>7,756</td> <td></td> <td>84,686</td> <td></td> <td>5,908</td>	· ·			111,176		7,756		84,686		5,908
Proceeds from disposal of intangible assets 14,122 24,638 10,757 18,768 Proceeds from disposal of assets held for sale 552,523 448,067 420,874 341,306 Acquisition of long-term investment securities (663,659) (683,932) (505,529) (520,972) Acquisition of investments in associates and joint ventures (467,466) (901,789) (356,083) (686,920) Acquisition of property, plant and equipment (9,386,115) (5,102,407) (7,149,691) (3,886,660) Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net 108,883 (602,454) 82,940 (458,908) Net cash used in investing activities (9,317,519) (9,585,447) (7,097,437) (7,301,530) Cash flows from financing activities: (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase (decrease) in short-term borrowings, net (1,460,153) 5,610,226 8,080,555 4,273,481 </td <td>Proceeds from disposal of property, plant and equipment</td> <td></td> <td></td> <td>96,168</td> <td></td> <td>216,755</td> <td></td> <td>73,254</td> <td></td> <td>165,109</td>	Proceeds from disposal of property, plant and equipment			96,168		216,755		73,254		165,109
Proceeds from disposal of assets held for sale 552,523 448,067 420,874 341,306 Acquisition of long-term investment securities (663,659) (683,932) (505,529) (520,972) Acquisition of investments in associates and joint ventures (467,466) (901,789) (356,083) (686,920) Acquisition of property, plant and equipment (9,386,115) (5,102,407) (7,149,691) (3,886,660) Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net 108,883 (602,454) 82,940 (458,908) Net cash used in investing activities (9,317,519) (9,585,447) (7,097,437) (7,301,530) Cash flows from financing activities: Increase (decrease) in short-term borrowings, net (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables				14,122		24,638				18.768
Acquisition of long-term investment securities (663,659) (683,932) (505,529) (520,972) Acquisition of investments in associates and joint ventures (467,466) (901,789) (356,083) (686,920) Acquisition of property, plant and equipment (9,386,115) (5,102,407) (7,149,691) (3,886,660) Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net 108,883 (602,454) 82,940 (458,908) Net cash used in investing activities (9,317,519) (9,585,447) (7,097,437) (7,301,530) Cash flows from financing activities: (9,317,519) (9,585,447) (7,097,437) (7,301,530) Cash flows from financing activities: (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase in bonds and borrowings 10,608,153 5,610,226 8,080,555 4,273,481 Decrease in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) <td></td>										
Acquisition of investments in associates and joint ventures (467,466) (901,789) (356,083) (686,920) Acquisition of property, plant and equipment (9,386,115) (5,102,407) (7,149,691) (3,886,660) Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net				,		,				
Acquisition of property, plant and equipment (9,386,115) (5,102,407) (7,149,691) (3,886,660) Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net 108,883 (602,454) 82,940 (458,908) Net cash used in investing activities (9,317,519) (9,585,447) (7,097,437) (7,301,530) Cash flows from financing activities: Increase (decrease) in short-term borrowings, net (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 6,000 (1,000,000) (1,000,	,			, , ,		. , ,		, , ,		, ,
Acquisition of intangible assets (198,396) (246,416) (151,124) (187,703) Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) Others, net 108,883 (602,454) 82,940 (458,908) Net cash used in investing activities (9,317,519) (9,585,447) (7,097,437) (7,301,530) Cash flows from financing activities: (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase (decrease) in short-term borrowings, net (1,608,153) 5,610,226 8,080,555 4,273,481 Decrease in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	·									
Decrease in cash from changes in the scope of consolidation, net 29,157 (1,772,961) 22,210 (1,350,519) (1,350,519) Others, net 29,157 (1,772,961) 22,210 (1,350,519) (1,350,519) (2,317,519) <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>										
Others, net 108,883 (602,454) 82,940 (458,908) Net cash used in investing activities (9,317,519) (9,585,447) (7,097,437) (7,301,530) Cash flows from financing activities: Increase (decrease) in short-term borrowings, net Increase in bonds and borrowings (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase in bonds and borrowings 10,608,153 5,610,226 8,080,555 4,273,481 Decrease in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531										
Cash flows from financing activities: Increase (decrease) in short-term borrowings, net (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase in bonds and borrowings 10,608,153 5,610,226 8,080,555 4,273,481 Decrease in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (33,375,686) Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531	·									
Increase (decrease) in short-term borrowings, net (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase in bonds and borrowings 10,608,153 5,610,226 8,080,555 4,273,481 Decrease in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531	Net cash used in investing activities			(9,317,519)		(9,585,447)		(7,097,437)		(7,301,530)
Increase (decrease) in short-term borrowings, net (1,440,153) 7,201,483 (1,097,009) 5,485,590 Increase in bonds and borrowings 10,608,153 5,610,226 8,080,555 4,273,481 Decrease in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531	Cash flows from financing activities:									
Increase in bonds and borrowings 10,608,153 5,610,226 8,080,555 4,273,481 Decrease in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531				(1 ///0 153)		7 201 483		(1 007 000)		5 485 500
Decrease in bonds and borrowings (6,261,103) (4,431,600) (4,769,274) (3,375,686) Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531										
Decrease in long-term other payables (413,859) (405,583) (315,249) (308,945) Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531	<u> </u>									
Decrease in lease liabilities (544,463) (534,947) (414,734) (407,486) Payment of dividends (1,187,310) (1,319,494) (904,410) (1,005,099) Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531	•									,
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Cash inflows from consolidated capital transaction 4,089,152 660,020 3,114,832 502,757 Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531										
Others, net 56,468 (32,926) 43,013 (25,081) Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531	•									,
Net cash provided by financing activities 4,906,885 6,747,179 3,737,724 5,139,531				, ,						,
	Others, net			56,468		(32,926)		43,013		(25,081)
	Net cash provided by financing activities			4,906,885	_	6,747,179		3,737,724	_	5,139,531
Net increase in cash and cash equivalents 632,884 2,570,066 482,090 1,957,695	Net increase in cash and cash equivalents			632,884		2,570,066		482,090		1,957,695
Net foreign exchange effects 15,047 365,836 11,461 278,668	Net foreign exchange effects			15,047		365,836		11,461		278,668
Cash and cash equivalents included in assets held for sale (113,574) - (86,515) -	Cash and cash equivalents included in assets held for sale			(113,574)		-		(86,515)		-
Cash and cash equivalents at the beginning of the period 21,393,853 12,317,555 16,296,354 9,382,659	·					12,317,555				9,382,659
Cash and cash equivalents at the end of the period \(\frac{\text{\psi}}{\text{\psi}}\) 21,928,210 \(\frac{\text{\psi}}{\text{\psi}}\) 15,253,457 \(\frac{\text{\psi}}{\text{\psi}}\) 16,703,390 \(\frac{\text{\psi}}{\text{\psi}}\) 11,619,022			₩		₩		\$		\$	

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 June 30, 2023, the share capital of the Company amounts to \$16,143 million (including \$113 million of preferred shares). Major shareholders and their equity ownership are Tae-won Chey, National Pension Service and Ki-won Choi each holding 17.73%, 7.02% and 6.58% respectively, as of June 30, 2023.

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 June 30, 2023 are as follows:

Subsidiaries	Domicile	Principal business activity	The largest shareholders	Equity ownership (*1)
SK Innovation Co., Ltd. (*2)	Korea	Resource development	SK Inc.	34.91%
SK Energy Co., Ltd.	Korea	Crude oil refining and sales	SK Innovation Co., Ltd.	100.00%
Netruck Co., Ltd.	Korea	Gas station operation	SK Energy Co., Ltd.	100.00%
Jeju United FC Corporation	Korea	Sports association sponsoring	SK Energy Co., Ltd.	100.00%
Happy 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 Hong Kong Co., Ltd.	Hong Kong	Investment	SK Energy Co., Ltd.	100.00%
SK Energy Road Investment Co., Ltd.	Cayman	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	The sale of asphalt	SK Energy Road Investment (HK) Co., Ltd.	100.00%
goodsFLOW Co., Ltd. (*2)	Korea	The information and communication and transportation industry	Person	41.00%
goodsCORE Co., Ltd.	Korea	Business support services	goodsFLOW Co., Ltd.	100.00%
SK Geo Centric Co., Ltd.	Korea	Chemicals manufacturing and sales	SK Innovation Co., Ltd.	100.00%
SK Geo Centric Go., Etd. SK Geo Centric (Beijing) Holding Co., Ltd.	China	Investment	SK Geo Centric Co., Ltd.	100.00%
SK Geo Centric China, Ltd.	Hong Kong	Investment	SK Geo Centric Co., Ltd.	100.00%
Sino-Korea Green New Material (JiangSu) Ltd.	China	Petrochemicals manufacture and sales	SK Geo Centric China, Ltd.	100.00%
SK Geo Centric International Trading (Shanghai) Co., Ltd.	China	Petrochemicals sales	SK Geo Centric China, Ltd.	100.00%
SK Geo Centric International Trading (Guangzhou) Co., Ltd.	China	Petrochemicals sales	SK Geo Centric China, Ltd.	100.00%
SK GC Americas, Inc.	USA	Petrochemicals sales	SK Geo Centric Co., Ltd.	100.00%
SK Primacor Americas LLC	USA	Petrochemicals manufacture and sales	SK GC Americas, Inc.	100.00%
SK Primacor Europe, S.L.U.	Spain	Petrochemicals manufacture and sales	SK GC Americas, Inc.	100.00%
SK Saran Americas LLC	USA	Petrochemicals manufacture and sales	SK GC Americas, Inc.	100.00%
SK Geo Centric Brazil LTDA	Brazil	Petrochemicals sales	SK GC Americas, Inc.	100.00%
SK Geo Centric Japan Co., Ltd.	Japan	Petrochemicals sales	SK Geo Centric Co., Ltd.	100.00%
SK Geo Centric Singapore Pte. Ltd.	Singapore	Petrochemicals sales	SK Geo Centric Co., Ltd.	100.00%
SK Geo Centric Investment Hong Kong Ltd.	Hong Kong	Investment	SK Geo Centric Co., Ltd.	100.00%
Ningbo SK Performance Rubber Co., Ltd.	China	Manufacturing	SK Geo Centric Investment Hong Kong Ltd.	80.00%
Happymoeum Co., Ltd.	Korea	Service	SK Geo Centric Co., Ltd.	100.00%
SK Functional Polymer, S.A.S	France	Petrochemicals manufacture and sales	SK Geo Centric Co., Ltd.	100.00%
Green & Connect Capital, Inc.	USA	Investment	SK Geo Centric Co., Ltd.	100.00%
ONEPOL Co., Ltd.	Korea	Petrochemicals manufacture and sales	SK Geo Centric Co., Ltd.	100.00%
SK Incheon Petrochem Co., Ltd.	Korea	Chemicals manufacturing and sales	SK Innovation Co., Ltd.	100.00%
SK Trading International Co., Ltd.	Korea	Trading business	SK Innovation Co., Ltd.	100.00%
SK Energy International Pte. Ltd.	Singapore	Trading business	SK Trading International Co., Ltd.	100.00%
SK Energy Europe, Ltd.	UK	Trading business	SK Energy International Pte. Ltd.	100.00%
				100.00%
SK Energy Americas, Inc.	USA	Trading business	SK Energy International Pte. Ltd.	
SK Terminal B.V.	Netherland	Investment	SK Energy International Pte. Ltd.	100.00%
SK Enmove Co., Ltd.	Korea	Lubricants oil manufacturing and sales	SK Innovation Co., Ltd.	60.00%
Yubase Manufacturing Asia Corporation	Korea	Lubricants oil processing	SK Enmove Co., Ltd.	70.00%
SK Enmove (Tianjin) Co., Ltd. (formerly, SK Energy Lubricants (Tianjin) Co., Ltd.)	China	Lubricants oil manufacturing and sales	SK Enmove Co., Ltd.	100.00%
SK Enmove Americas, Inc. (formerly, SK Lubricants Americas, Inc.)	USA	Lubricants oil sales	SK Enmove Co., Ltd.	100.00%
SK Enmove Europe B.V. (formerly, SK Lubricants Europe B.V.)	Netherland	Lubricants oil sales	SK Enmove Co., Ltd.	100.00%
SK Enmove Japan Co., Ltd. (formerly, SK Lubricants Japan Co., Ltd.)	Japan	Lubricants oil sales	SK Enmove Co., Ltd.	100.00%
SK Enmove India Pvt. Ltd.	India	Lubricants oil sales	SK Enmove Co., Ltd.	100.00%
Iberian Lube Base Oils Company, S.A.	Spain	Lubricants oil manufacturing and sales	SK Enmove Co., Ltd.	70.00%
SK Enmove Russia LLC.	Russia	Lubricants oil sales	SK Enmove Co., Ltd.	100.00%
(formerly, SK Lubricants Russia LLC)				
SK ie technology Co., Ltd.	Korea	Manufacture of Separators for secondary Cells	SK Innovation Co., Ltd.	61.20%
SK Hi-tech Battery Materials(Jiang Su) Co., Ltd.	China	Manufacture of Separators for secondary Cells	SK ie technology Co., Ltd.	100.00%
SK Hi-tech Battery Materials Poland Sp. Zo.o.	Poland	Manufacture of Separators for secondary Cells	SK ie technology Co., Ltd.	100.00%
SK Innovation Insurance (Bermuda), Ltd.	Bermuda	Insurance	SK Innovation Co., Ltd.	100.00%

				Equity ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
SK USA, Inc.	USA	Management consulting	SK Innovation Co., Ltd.	100.00%
Blue Dragon Energy Co., Limited	Hong Kong Korea	Investment Service	SK Innovation Co., Ltd.	100.00% 100.00%
Happy Kium Co., Ltd. SK On Co., Ltd.	Korea	Lithium battery manufacturing	SK Innovation Co., Ltd. SK Innovation Co., Ltd.	89.52%
SK On Hungary Kft.	Hungary	Lithium battery manufacturing	SK On Co., Ltd.	100.00%
SK On(Jiangsu) Co., Ltd.	China	Lithium battery manufacturing	SK On Co., Ltd.	70.04%
SK On(Yancheng) Co., Ltd.	China	Lithium battery manufacturing	SK On Co., Ltd.	100.00%
SK Battery America, Inc.	USA	Lithium battery manufacturing	SK On Co., Ltd.	100.00%
BlueOval SK, LLC (*2)	USA	Lithium battery manufacturing	SK Battery America, Inc.	50.00%
SK Battery Manufacturing Kft.	Hungary	Lithium battery manufacturing	SK On Co., Ltd.	100.00%
SK On (Shanghai) Co., Ltd. SK Mobile Energy Co., Ltd.	China Korea	Lithium battery sales Lithium battery manufacturing	SK On Co., Ltd. SK On Co., Ltd.	100.00% 100.00%
Yancheng Yandu District M Energy Consulting Limited Company	China	Service / manufacturing service	SK Mobile Energy Co., Ltd.	100.00%
Mobile Energy Battery America, LLC	USA	Service / manufacturing service	SK Mobile Energy Co., Ltd.	100.00%
Happy Mideum Co., Ltd.	Korea	Service	SK On Co., Ltd.	100.00%
SK on Certification Center (Jiangsu) Co., Ltd.	China	Lithium cell certification	SK On Co., Ltd.	100.00%
SK Earth On Co., Ltd.	Korea	Oil development	SK Innovation Co., Ltd.	100.00%
SK Innovation America, Inc.	USA	Investment	SK Innovation Co., Ltd.	100.00%
Grove Energy Capital IV, LLC	USA	Investment	SK Innovation America, Inc.	100.00%
SK innovation outpost Corporation	USA	Management consulting	SK Innovation Co., Ltd.	100.00%
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.	74.38%
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	SK Broadband 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%
SK M & Service Co., Ltd.	Korea	Providing databases and online information		100.00%
Service Ace 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	Maintenance management	SK Telecom Co., Ltd.	100.00%
SK Communications Co., Ltd.	Korea	Internet portal service	SK Telecom Co., Ltd.	100.00%
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 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%
SK Telecom Americas, Inc.	USA	Management consulting and information gathering	SK Telecom Co., Ltd.	100.00%
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 Japan Inc.	Japan	Management consulting	SK Telecom Co., Ltd.	100.00%
SV Dianet Janen V V	lanan	and information gathering	CV Telegom Janen Inc	79.78%
SK Planet Japan, K. K.	Japan Korea	Digital contents sourcing and presenting Service	SK Telecom Japan Inc. SK Telecom Co., Ltd.	100.00%
Happy Hanool Co., Ltd. SK MENA Investment B.V.	Netherland	Investment		100.00%
SK Latin Americas Investment S.A.	Spain	Investment	SK Telecom Co., Ltd. SK Telecom Co., Ltd.	100.00%
Freedom Circle Capital Inc.	USA	Investment	SK Latin Americas Investment S.A.	100.00%
·	USA			
Montague ESG Capital, LLC		Investment	Freedom Circle Capital Inc.	100.00% 96.88%
SK Technology Innovation Company	Cayman	Research and development	SK Telecom Co., Ltd.	
Sapeon Inc.	USA	Non-memory and others Electronic Integrated circuit manufacturing	SK Telecom Co., Ltd.	75.01%
SAPEON Korea Inc.	Korea	Non-memory and others Electronic	Sapeon Inc.	100.00%
		Integrated circuit manufacturing		
SK Square Co., Ltd. (*2)	Korea	Investment	SK Inc.	30.01%
Onestore Co., Ltd. (*2)	Korea	Telecommunication service	SK Square Co., Ltd.	47.49%
Rokeu Media Co., Ltd.	Korea	Publication and telemarketing	One store Co., Ltd.	100.00%
Onestore Global Pte. Ltd.	Singapore	Internet Information Mediation Service	One store Co., Ltd.	100.00%
Infra Communications Co., Ltd.	Korea	Service Operation business	One store Co., Ltd.	100.00%
11street Co., Ltd. (*3)	Korea	E-commerce	SK Square Co., Ltd.	98.10%
SK Shieldus Co., Ltd. (*4)	Korea	Information security service and automatic security	SK Square Co., Ltd.	63.13%
CAPSTEC Co., Ltd.	Korea	Manned security	SK Shieldus Co., Ltd.	100.00%
Infosec Information Technology (Wuxi) Co., Ltd.	China	System software development and	SK Shieldus Co., Ltd.	100.00%
SK Shieldus America, Inc.	USA	supplying System software development and	SK Shieldus Co., Ltd.	100.00%
	Hungary	supplying		100.00%
SK Shieldus Hungary Kft.	nungary	System software development and supplying	SK Shieldus Co., Ltd.	100.00%
SK Planet Co., Ltd.	Korea	Telecommunication service and system software development and supplying	SK Square Co., Ltd.	98.65%
SK Planet Global Holdings Pte. Ltd.	Singapore	Investment	SK Planet Co., Ltd.	100.00%
SK Planet, Inc.	USA	Mobile Solutions presenting	SK Planet Co., Ltd.	100.00%
SCODYS Pte. Ltd.	Singapore	Virtual currency creation and presenting	SK Planet, Inc.	100.00%
SK Square Americas, Inc.	USA	Investment	SK Square Co., Ltd.	100.00%
Dreamus Company Co., Ltd. (*2,5)	Korea	Video and audio equipment	SK Square Co., Ltd.	51.44%
		manufacturing	D 0 0 111	400.00
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%

				Equity Ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
Life Design Company Inc.	Japan	Japan goods sales	Dreamus Company Co., Ltd.	100.00%
Studio Dolphin Co., Ltd.	Korea	Publishing	Dreamus Company Co., Ltd.	100.00%
id Quantique SA	Swiss	Quantum information and communication	SK Square Co., Ltd.	64.40%
Id Quantique Ltd.	Korea	business Quantum information and communication	id Quantique SA	100.00%
ID Quantique Limited, UK	UK	business Quantum information and communication	id Quantique SA	100.00%
ID Quantique Inc, USA	USA	business Quantum information and communication	id Quantique SA	100.00%
id Quantique Europe GmbH	Austria	business Quantum information and communication	id Quantique SA	100.00%
Alice und Bob Privatstiftung	Austria	business System software development and supplying	id Quantique SA	100.00%
FSK L&S Co., Ltd.	Korea	Cargo transport shipment and logistics consulting project	id Quantique SA SK Square 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%
FSK L&S (America) Co., Ltd.	USA	International freight forwarding industry	FSK L&S Co., Ltd.	100.00%
(formerly, FSK L&S USA, Inc.) Incross Co., Ltd. (*2)	Korea	Media agency	SK Square Co., Ltd.	36.06%
Mindknock Co., Ltd.	Korea	Software development	Incross Co., Ltd.	100.00%
Solution Co., Ltd.	Korea	Software development and presenting	Incross Co., Ltd.	100.00%
Tmap Mobility Co., Ltd.	Korea	Information and communication industry	SK Square Co., Ltd.	62.45%
YLP Co., Ltd.	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%
Seoul Airbus Co., Ltd.	Korea	Transportation industry	Tmap Mobility Co., Ltd.	100.00%
LOGISOFT. CO. LTD.	Korea	Software development	Tmap Mobility Co., Ltd.	100.00%
Korea Security Holdings Co., Ltd.	Korea	Investment	SK Square Co., Ltd.	63.10%
TGC Square Pte. Ltd.	Singapore	Investment	SK Square Co., Ltd.	100.00%
SK Networks Co., Ltd. (*2)	Korea	Distribution and trading business	SK Inc.	41.20%
SK Networks Service Co., Ltd.	Korea Korea	Equipment repair service	SK Networks Co., Ltd. SK Networks Co., Ltd.	86.50% 100.00%
SK Magic Co., Ltd.	Notea	Household appliances manufacturing, sales and rent	SK Networks Co., Ltd.	100.00%
SK Magic Service Co., Ltd.	Korea	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 Magic 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.	China	Steel processing and sales	SK Networks Co., Ltd.	80.00%
SK Networks Japan Co., Ltd.	Japan	Trading business	SK Networks Co., Ltd.	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%
Networks Tejarat Pars	Iran Korea	Trading business	SK Networks Co., Ltd.	100.00% 100.00%
MINTIT Co., Ltd. MINTIT VINA	Vietnam	Wholesale and commodity brokerage Manufacturing and sales business	SK Networks Co., Ltd. MINTIT Co., Ltd.	100.00%
Hico Capital LLC	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 Networks Resources Australia (Wyong) Pty Ltd. (*6)	Australia	Resource development	SK Networks Co., Ltd.	100.00%
SK Networks Resources Pty Ltd. (*6)	Australia	Resource development	SK Networks Co., Ltd.	100.00%
SK Networks (China) Holdings Co., Ltd. (*6) Shenyang SK Bus Terminal Co., Ltd. (*6)	China China	Holding company Transportation industry	SK Networks Co., Ltd. SK Networks (China) Holdings Co., Ltd.	100.00% 75.00%
SK Networks (Dandong) Energy Co., Ltd. (*6)	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.	Korea	Petrochemicals manufacturing	SKC Co., Ltd.	100.00%
SK Enpulse Co., Ltd.	Korea	Manufacturing and sales of semiconductor parts, materials and others	SKC Co., Ltd.	96.49%
Enpulse Taiwan Co., Ltd. (formerly, Solmics Taiwan Co., Ltd.)	Taiwan	Sales of semiconductor parts, materials and others	SK Enpulse Co., Ltd.	100.00%
Enpulse Shanghai Co., Ltd.)	China	Sales of semiconductor parts,	SK Enpulse Co., Ltd.	100.00%
(formerly, Solmics Shanghai Co., Ltd.)		materials and others		
SKC Solmics Hong kong Co., Ltd.	Hong Kong	SPC	SK Enpulse Co., Ltd.	100.00%
SKC Semiconductor Materials (Wuxi) Co., Ltd.	China	Manufacturing and Sales of	SKC Solmics Hong kong Co., Ltd.	100.00%
SKC-ENF Electronic Materials Ltd.	Hong Kong	semiconductor parts,materials and others SPC	SK Enpulse Co., Ltd.	75.10%
SKC (Nantong) Semiconductor Materials Technology Co., Ltd.	China	Manufacturing of synthetic resins	SKC-ENF Electronic Materials Ltd.	100.00%
SE (JIANGSU) Electronic Materials Co., Ltd.	China	Manufacturing of synthetic resins	SKC-ENF Electronic Materials Ltd.	100.00%
Techdream Co., Ltd.	Hong Kong	Semiconductor component	SK Enpulse Co., Ltd.	100.00%
Enpulse America Corporation	USA	Telecommunication equiqment sales	SK Enpulse Co., Ltd.	100.00%
(formerly, SK Telesys Corp.) SKC PU Specialty Co., Ltd. SKC (Nantong) PU Specialty Co., Ltd.	Hong Kong China	SPC PU Jounce Bumper	SKC Co., Ltd. SKC PU Specialty Co., Ltd.	100.00% 100.00%
	Karaa	manufacturing and sales PG and PO manufacturing and sales	SKC Co. 144	E4 000/
SK PIC Global Co., Ltd. SKCFTH Co., Ltd.	Korea Korea	Manufacturing of battery foil and others	SKC Co., Ltd. SKC Co., Ltd.	51.00% 100.00%
SK Nexilis Co., Ltd.	Korea	Manufacturing of battery foil and others	SKCFTH Co., Ltd.	100.00%
Nexilis Management Malaysia Sdn. Bhd.	Malaysia	SPC	SK Nexilis Co., Ltd.	100.00%
SK Nexilis Malaysia Sdn. Bhd.	Malaysia	Manufacturing of battery foil	Nexilis Management Malaysia Sdn. Bhd.	100.00%
SK Nexilis Poland Sp.z o.o. NEXILIS MANAGEMENT EUROPE B.V.	Poland Netherland	Manufacturing of battery foil SPC	SK Nexilis Co., Ltd. SK Nexilis Co., Ltd.	100.00% 100.00%
SK TBMGEOSTONE Co., Ltd.	Korea	Manufacturing of biodegradable LIMEX	SK NexIIIS Co., Ltd. SKC Co., Ltd.	51.00%
Allnewone Co., Ltd.	Korea	Research and development	SKC Co., Ltd.	100.00%
		of waste recycling		

				Equity ownership
Subsidiaries Ecovance Co., Ltd.	<u>Domicile</u> Korea	Principal business activity Manufacturing of biodegradable	The largest shareholders SKC Co., Ltd.	(*1) 73.19%
Ecovarice Co., Etc.	Rolea	plastic materials and others	SRC CO., Liu.	73.1970
SK Pucore Co., Ltd.	Korea Poland	Manufacturing and sales of Polyol	SKC Co., Ltd. SK pucore Co., Ltd.	100.00% 100.00%
SK Pucore Europe sp. zo.o. SK Pucore USA Inc.	USA	Manufacturing and sales of Polyol Manufacturing and sales of Polyol	SK pucore Co., Ltd. SK pucore Co., Ltd.	100.00%
SK Pucore Mexico, S. de R.L. de C.V.	Mexico	Manufacturing and sales of Polyol	SK pucore Co., Ltd.	100.00%
SK Pucore India Pvt. Ltd. SK Pucore RUS LLC	India Russia	Manufacturing and sales of Polyol Manufacturing and sales of Polyol	SK pucore Co., Ltd. SK pucore Co., Ltd.	100.00% 100.00%
NEX Investment Limited	UK	SPC	SKC Co., Ltd.	80.10%
NEX UK Holdings Limited Absolics Inc.	UK USA	SPC Manufacture of semiconductor	NEX Investment Limited SKC Co., Ltd.	51.00% 70.05%
Absolics IIIc.	OOA	glass substrates	ONO CO., Etd.	70.0570
SK E&S Co., Ltd.	Korea	City gas business and power	SK Inc.	90.00%
Kangwon City Gas Co., Ltd.	Korea	generation 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. Narae Energy Service Co., Ltd.	Korea Korea	City gas business Integrated energy service	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00% 100.00%
Busan City Gas Co., Ltd.	Korea	City gas business	SK E&S Co., Ltd.	100.00%
Jeonbuk Energy Service Co., Ltd. Chonnam City Gas Co., Ltd.	Korea Korea	City gas business City gas business	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00% 100.00%
Chungcheong Energy Service Co., Ltd.	Korea	City gas business	SK E&S Co., Ltd.	100.00%
Paju Energy Service Co., Ltd.	Korea Korea	Energy business	SK E&S Co., Ltd.	51.00% 100.00%
Yeoju Energy Service Co., Ltd. Shinanjeungdo Sunlight Co., Ltd.	Korea	Energy business New regeneration business	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00%
SK E&S Hong Kong Co., Ltd.	Hong Kong	City gas business	SK E&S Co., Ltd., Busan City Gas Co., Ltd.	100.00%
SK E&S Australia Pty. Ltd. SK E&S Americas, Inc.	Australia USA	Resource development Holding company	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00% 100.00%
Energy Solution Holdings Inc.	USA	Investment	SK E&S Americas, Inc.	100.00%
LNG Americas, Inc. LAI CCS, LLC	USA USA	LNG business Carbon Collection and Storage-Related	SK E&S Americas, Inc. LNG Americas, Inc.	100.00% 100.00%
LAI CCG, LLC	USA	Investment Projects	LING AMERICAS, IIIC.	100.00 /6
DewBlaine Energy, LLC	USA	Resource development	LNG Americas, Inc.	100.00%
Passkey, Inc. Mobility Solution I Inc.	USA USA	New regeneration business Holding Company	SK E&S Americas, Inc. Passkey, Inc.	100.00% 92.15%
Mobility Solution II Inc.	USA	Holding Company	Mobility Solution I Inc.	100.00%
EverCharge, Inc. EverCharge Services, LLC	USA USA	Software development Electricity business and other electric	Mobility Solution II Inc. EverCharge, Inc.	100.00% 100.00%
Everonarge dervices, ELO		wire installation business	Everonarge, mo.	100.0070
Pnes Investments, LLC	USA USA	Investment	Passkey, Inc.	100.00% 100.00%
Rnes Holdings, LLC Grid Solution, LLC	USA	Renewable / electric power business New regeneration business	Passkey, Inc. Rnes Holdings, LLC	85.31%
Key Capture Energy, LLC	USA	Energy solution	Grid Solution, LLC	98.24%
KCE Global Holdings, LLC KCE PF Holdings 2021, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE LAND Holdings, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NY 1, LLC KCE NY 2, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE NY 3, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NY 5, LLC KCE NY 6, LLC	USA USA	Energy solution	Key Capture Energy, LLC	100.00% 100.00%
KCE NY 8, LLC	USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00%
KCE NY 10, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NY 11, LLC KCE NY 12, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE NY 14, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NY 18, LLC KCE NY 19, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE NY 21, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NY 22, LLC KCE NY 26, LLC	USA USA	Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE NY 27, LLC	USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00%
KCE NY 28, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NY 29, LLC KCE NY 30, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE NY 31, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NY 32, LLC KCE NY 33, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE NY 34, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NY 35, LLC KCE NY 36, LLC	USA USA	Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE NY 37, LLC	USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00%
KCE NY 38, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NE 1, LLC KCE NE 2, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE CA 1, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE CA 2, LLC KCE CA 3, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE CA 4, LLC	USA	Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00%
KCE CA 5, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE CA 6, LLC KCE CA 7, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE NV 1, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE NV 2, LLC KCE NV 3, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE TX 2, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 7, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 8, LLC KCE TX 9, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE TX 10, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 11, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 12, LLC KCE TX 13, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE TX 14, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 15, LLC KCE TX 16, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE TX 19, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 21, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%

				Equity ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
KCE TX 22, LLC KCE TX 24, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE TX 25, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 26, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 27, LLC KCE TX 28, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE TX 29, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 30, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE TX 31, LLC KCE CT 1, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE CT 2, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE CT 4, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE CT 5, LLC KCE CT 6, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE CT 7, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE CT 8, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE CT 9, LLC KCE CT 10, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE CT 11, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE MD 1, LLC KCE MI 1, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE MI 2, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE MI 3, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE MI 4, LLC KCE MI 5, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE MN 1, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE ME 1, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE ME 2, LLC KCE IL 1, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE IL 2, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE IL 3, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE IL 4, LLC KCE IN 1, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE IN 2, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE IN 3, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE IN 4, LLC KCE IN 5, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE OK 1, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE OK 2, LLC KCE OK 3, LLC	USA	Energy solution Energy solution	Key Capture Energy, LLC	100.00%
KCE OK 4, LLC	USA USA	Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE IA 1, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE WI 1, LLC KCE MA 4, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE ID 1, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE ID 2, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE ID 3, LLC KCE Brushy Creek Holdings, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
KCE Texas Holdings 2020, LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
Roughneck Storage LLC	USA	Energy solution	Key Capture Energy, LLC	100.00%
KCE Market Operations, LLC KCE PF Holdings 2022, LLC	USA USA	Energy solution Energy solution	Key Capture Energy, LLC Key Capture Energy, LLC	100.00% 100.00%
Grid Solution II, LLC	USA	Energy solution	Rnes Holdings, LLC	100.00%
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. Prism Energy International Pte. Ltd.	100.00% 100.00%
PT Prism Nusantara International	Indonesia	LNG business	SK E&S Co., Ltd.	100.00%
Prism Energy International China Limited Prism Energy International Zhoushan Limited	China China	LNG business LNG business	SK E&S Co., Ltd. Prism Energy International China Limited	100.00% 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. Prism Darwin Pipeline Pty. Ltd.	Singapore Australia	LNG business LNG business	Prism Energy International Pte. Ltd. Prism DLNG Pte. Ltd.	100.00% 100.00%
BU12 Australia Pty. Ltd.	Australia	LNG business	SK E&S Co., Ltd.	100.00%
BU13 Australia Pty. Ltd.	Australia	LNG business	SK E&S Co., Ltd.	100.00%
Ariulhaengbok Solar Co., Ltd. Busan Jungkwan Energy Co., Ltd.	Korea Korea	New regeneration business Integrated energy service	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00% 100.00%
IGE Co., Ltd.	Korea	Hydrogen business	SK E&S Co., Ltd.	100.00%
Dangjin Haengbok Solar Co., Ltd. Busaho haengboknanum solar Co., Ltd.	Korea Korea	New regeneration business New regeneration business	SK E&S Co., Ltd. SK E&S Co., Ltd.	100.00% 70.00%
NEW RENEWABLE ENERGY NO.1 Joint Stock Company	Vietnam	New regeneration business	SK E&S Co., Ltd.	99.99%
SK Ecoplant Co., Ltd. (*2)	Korea	Construction	SK Inc.	44.48%
Seosuwon Development Company (*2) SKEC Nanjing Co., Ltd.	Korea China	Real estate development Construction	SK Ecoplant Co., Ltd. SK Ecoplant Co., Ltd.	19.90% 100.00%
Changzhou SKY New Energy Co., Ltd.	China	Construction	SKEC Nanjing 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 Ecoplant Americas Corporation	USA	Fuel cell and construction	SK Ecoplant Co., Ltd.	100.00%
(formerly, SK E&C Betek Corporation) Mesa Verde RE Ventures, LLC	USA	Pool astata davalanment	SK Econlant Americas Corneration	100.00%
BT FC LLC	USA	Real estate development Construction	SK Ecoplant Americas Corporation SK Ecoplant Americas Corporation	100.00%
Sunlake Co., Ltd.	Canada	Construction	SK Ecoplant Co., Ltd.	100.00%
SKEC Consultores Ecquador, S.A. SK HOLDCO PTE. LTD.	Ecuador Singapore	Construction Investment	Sunlake Co., Ltd. SK Ecoplant Co., Ltd.	100.00% 63.51%
Silvertown Investco Limited.	UK	Investment	SK Ecoplant Co., Ltd.	100.00%
Seongju Tech Co., Ltd.	Korea	Disposal of waste	SK Ecoplant Co., Ltd.	100.00%
DDS Co., Ltd. Samwon ENT Co., Ltd.	Korea Korea	Disposal of waste Disposal of waste	SK Ecoplant Co., Ltd. SK Ecoplant Co., Ltd.	100.00% 100.00%
Environment Management Corporation Co., Ltd.	Korea	Operation of sewage treatment plant	SK Ecoplant Co., Ltd.	100.00%
YS TEC Co., Ltd.	Korea	Waste incineration	Environment Management Corporation Co., Ltd.	100.00%
Seonam Environment Energy Co., Ltd. Honam Environmental Energy Co., Ltd.	Korea Korea	Waste incineration Waste incineration	Environment Management Corporation Co., Ltd. Environment Management Corporation Co., Ltd.	100.00% 100.00%
Green Hwasun Inc.	Korea	Operation of sewage treatment plant	Environment Management Corporation Co., Ltd.	100.00%
Green Sunchang Co., Ltd. Gyeongsan Clear Mulgil 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%
Dalseong Maleunmulgil 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%
Goksung Environment Co., Ltd.	Korea	Operation of sewage treatment plant	Environment Management Corporation Co., Ltd.	100.00%

				Equity ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
Chungcheong Environment Energy Co., Ltd.	Korea	Waste incineration and disposal	Environment Management Corporation Co., Ltd.	100.00%
Gyeonggi Environment Energy Co., Ltd.	Korea	Waste incineration and renewable energy	Environment Management Corporation Co., Ltd.	100.00% 100.00%
Gyeongbuk Environment Energy Co., Ltd. Gyeongin Environment Energy Company	Korea Korea	Waste incineration and renewable energy Waste incineration and renewable energy	Environment Management Corporation Co., Ltd. Environment Management Corporation Co., Ltd.	100.00%
Saehan Environment Co., Ltd.	Korea	Disposal of waste	SK Ecoplant Co., Ltd.	100.00%
Daewon Green Energy Co., Ltd.	Korea	Disposal of waste	SK Ecoplant Co., Ltd.	100.00%
Daewon Hi-Teck Co., Ltd.	Korea	Construction waste collection	Daewon Green Energy Co., Ltd.	100.00%
I/C Investment D.V	Nothorland	and transportation	SK Feenlant Co. Ltd	70 510/
KS Investment B.V. E-MEDI One Co., Ltd.	Netherland Korea	Investment Disposal of waste	SK Ecoplant Co., Ltd. SK Ecoplant Co., Ltd.	72.51% 100.00%
City Environment Co., Ltd.	Korea	Disposal of waste	SK Ecoplant Co., Ltd.	100.00%
Emedione Logis Co., Ltd.	Korea	Designated waste collection	City Environment Co., Ltd.	100.00%
		and transportation		
Green Environment Technology Co. ,Ltd.	Korea	Disposal of waste	SK Ecoplant Co., Ltd.	100.00% 100.00%
DongNam Offshore Windfarm Co. Ltd Gangdong Green Complex Co. ,Ltd.	Korea Korea	Power generation Disposal of waste	SK Ecoplant Co., Ltd. SK Ecoplant Co., Ltd.	87.00%
JA Green Co., Ltd.	Korea	Disposal of waste	SK Ecoplant Co., Ltd.	100.00%
AP Development Co., Ltd.	Korea	Solar power generation	SK Ecoplant Co., Ltd.	100.00%
DY Indus Co., Ltd.	Korea	Synthetic resins and other plastics	SK Ecoplant Co., Ltd.	100.00%
DV Delawara Co. 144	V	material manufacturing industry	0K F	400.000/
DY Polymer Co., Ltd.	Korea	Synthetic resins and other plastics material manufacturing industry	SK Ecoplant Co., Ltd.	100.00%
ECOPLANT HOLDING MALAYSIA SDN. BHD.	Malaysia	Holding company	SK Ecoplant Co., Ltd.	100.00%
Eco Frontier (Singapore) Pte. Ltd.	Singapore	Investment	SK Ecoplant Co., Ltd.	78.63%
Tes-Envirocorp Pte. Ltd.	Singapore	E-waste processing industry	Eco Frontier (Singapore) Pte. Ltd.	97.14%
Tes-Amm (H.K.) Limited	Hong Kong	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	100.00%
Tes-Amm (Singapore) Pte. Ltd.	Singapore	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	100.00%
Tes-Amm Europe Holdings Ltd. Tes Total Environmental Solution Ab	UK Sweden	Investment E-waste processing industry	Tes-Amm (Singapore) Pte. Ltd. Tes-Amm Europe Holdings Ltd.	100.00% 100.00%
Tes-Amm Italia Srl	Italy	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Tes-Amm UK Ltd	UK	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Tes-Amm Espana Asset Recovery And Recycling, S.L.	Spain	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Tes-Amm SAS	France	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Tes Recupyl	France	E-waste processing industry	Tes-Amm SAS	90.00%
Tes-Amm Central Europe Gmbh	Germany UK	E-waste processing industry E-waste processing industry	Tes-Amm Europe Holdings Ltd. Tes-Amm Europe Holdings Ltd.	100.00% 100.00%
Vsl Support Limited Technology Supplies International Ltd.	UK	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Goldberg Enterprises Ltd.	UK	E-waste processing industry	Technology Supplies International Ltd.	100.00%
Tes Consumer Solutions Ltd.	UK	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Integrations Et Services	France	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Tes-Amm (Europe) Ltd.	UK	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Redeem UK Limited	UK UK	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Redeem Holdings Limited Custom Controllers UK Limited	UK	E-waste processing industry E-waste processing industry	Tes-Amm Europe Holdings Ltd. Tes-Amm Europe Holdings Ltd.	100.00% 100.00%
Envirofone Limited	UK	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Cash For Tech Ltd.	UK	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Stock Must Go Limited	UK	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
TES Netherlands B.V.	Netherland	E-waste processing industry	Tes-Amm Europe Holdings Ltd.	100.00%
Tes China Holdings Pte. Ltd.	Virgin Island	Investment	Tes-Amm (Singapore) Pte. Ltd.	100.00% 100.00%
Tes-Amm Corporation (China) Ltd. Shanghai Tes-Amm Xin New Materials Co., Ltd.	China China	E-waste processing industry E-waste processing industry	Tes China Holdings Pte. Ltd. Tes-Amm Corporation (China) Ltd.	100.00%
Tes-Amm (Beijing) Co., Ltd.	China	E-waste processing industry	Tes-Amm Corporation (China) Ltd.	80.00%
Tes-Amm (Suzhou) E-Waste Solutions Co., Ltd.	China	E-waste processing industry	Tes-Amm Corporation (China) Ltd.	100.00%
Tes-Amm (Guangzhou) Co., Ltd.	China	E-waste processing industry	Tes-Amm Corporation (China) Ltd.	100.00%
Shanghai Tes-Amm Waste Products Recycle Co., Ltd.	China	E-waste processing industry	Tes-Amm Corporation (China) Ltd.	100.00%
Shanghai Taixiang Network Technology Co., Ltd. Tes-Amm Australia Pty Ltd.	China Australia	E-waste processing industry E-waste processing industry	Shanghai Tes-Amm Waste Products Recycle Co., Ltd. Tes-Envirocorp Pte. Ltd.	100.00% 100.00%
Tes Sustainable Battery Solutions (Australia) Pty Ltd.	Australia	E-waste processing industry	Tes-Amm Australia Pty Ltd.	100.00%
Tes-Amm New Zealand Limited	New Zealand		Tes-Amm Australia Pty Ltd.	100.00%
Sustainable Product Stewards Pty Ltd.	Australia	E-waste processing industry	Tes-Amm Australia Pty Ltd.	80.00%
Tes-Amm Japan K.K.	Japan	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	80.00%
Advanced Datacom (Australia) Pty Ltd.	Australia	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	100.00%
Green Technology Management Pty Ltd. Tes-Amm (Malaysia) Sdn. Bhd.	Australia Malaysia	E-waste processing industry E-waste processing industry	Advanced Datacom (Australia) Pty Ltd. Tes-Envirocorp Pte. Ltd.	100.00% 100.00%
Tes-Amm (Taiwan) Co., Ltd.	Taiwan	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	70.00%
Total Environmental Solutions Co., Ltd.	Thailand	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	98.00%
Tes-Amm (Cambodia) Co., Ltd.	Cambodia	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	100.00%
Pt. Tes-Amm Indonesia	Indonesia	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	100.00%
Pc Off Corporation	Japan	E-waste processing industry E-waste processing industry	Tes-Envirocorp Pte. Ltd.	97.56%
Tes USA, Inc. Genplus Pte. Ltd.	USA Singapore	E-waste processing industry E-waste processing industry	Tes-Envirocorp Pte. Ltd. Tes-Envirocorp Pte. Ltd.	100.00% 60.17%
Tes Energy Solutions Pte. Ltd.	Singapore	E-waste processing industry	Tes-Envirocorp Pte. Ltd.	100.00%
Tes Ess Pte. Ltd.	Singapore	E-waste processing industry	Tes Energy Solutions Pte. Ltd.	100.00%
Tes B Pte. Ltd.	Singapore	E-waste processing industry	Tes Energy Solutions Pte. Ltd.	100.00%
Tes Sustainable Battery Solutions B.V.	Netherland	E-waste processing industry	Tes Energy Solutions Pte. Ltd.	100.00%
Tes Sustainable Battery Solutions Gmbh TES Sustainable Battery Solutions Limited Liability Company	Germany	E-waste processing industry	Tes Energy Solutions Pte. Ltd.	100.00%
Tes Sustainability Products Pte. Ltd.	Hungary Singapore	E-waste processing industry E-waste processing industry	Tes Energy Solutions Pte. Ltd. Tes-Envirocorp Pte. Ltd.	100.00% 100.00%
Tes C Pte. Ltd.	Singapore	E-waste processing industry	Tes Sustainability Products Pte. Ltd	100.00%
SK Oceanplant Co.,Ltd. (*2)	Korea	Steel pipe manufacturing	SK Ecoplant Co., Ltd.	30.61%
Goseong Holdings Ltd.	Korea	Holding company	SK oceanplant Co.,Ltd.	100.00%
SAM KANG S&C Co., Ltd.	Korea	Shipbuilding industry	SK oceanplant Co.,Ltd.	96.60%
Econovation, LLC	USA	Holding company	SK Ecoplant Co., Ltd. Person	51.67%
Topsun Co., Ltd. (*2)	Korea	Solar modules, battery manufaturing industry	FEISUII	19.69%
Wind Energy Co., Ltd.	Korea	Construction of wind power facilities industry	/ Topsun Co., Ltd.	100.00%
Gold Co., Ltd.	Korea	Renewable energy-related industry	Topsun Co., Ltd.	100.00%
TS Energy 18Ho Co., Ltd.	Korea	Solar power construction industry	Topsun Co., Ltd.	100.00%
Neujinmok Solar Co., Ltd.	Korea	Solar power construction industry	Topsun Co., Ltd.	100.00%
Janggam Solar Co., Ltd.	Korea Korea	Solar power construction industry Solar power construction industry	Topsun Co., Ltd. Topsun Co., Ltd.	100.00% 100.00%
Go E Solar Co., Ltd. Chopo Sunlight Co., Ltd.	Korea	A solar power construction industry	Topsun Co., Ltd.	100.00%
Top Operation	Korea	Construction of wind power facilities industry		100.00%
TS Energy 24Ho Co., Ltd.	Korea	Construction of wind power facilities industry	/ Topsun Co., Ltd.	100.00%
TS Energy 3Ho Co., Ltd.	Korea	Wind power generation	Topsun Co., Ltd.	100.00%
TS Energy 9Ho Co., Ltd.	Korea	Solar power industry	Topsun Co., Ltd.	100.00%
Hamgumi Sunlight Co., Ltd Geom Bawi Solar Co., Ltd.	Korea Korea	Construction of solar power plant industry Solar power construction industry	Topsun Co., Ltd. Topsun Co., Ltd.	100.00% 100.00%
Geom Bawi Golai Go., Ltd.	Notea	Colai power construction muustry	Topouri Go., Ltu.	100.00%

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CBR Energy Co. Lid.		Korea	Renewable energy industry	Topsun Co., Ltd.	100.00%
Signate Co. List Co.					
TS Emery Co., Ltd.					
TS Energy 6Ho Co. List	TS Energy Co., Ltd.	Korea	Solar power industry	Topsun Co., Ltd.	100.00%
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Dongmais Solar Co. Ltd.	Gaewha Energy Co., Ltd.	Korea	Construction of wind power facilities industry	Topsun Co., Ltd.	100.00%
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	SK S.E.Asia Pte. Ltd.	Singapore	Investment	SK Inc.	100.00%

				Equity
Subsidiaries	Domicile	Principal business activity	The largest shareholders	ownership (*1)
Essencore Limited	Hong Kong	Manufacturing and distribution of semiconductor modules	SK S.E.Asia Pte. Ltd.	100.00%
Essencore (ShenZhen) Limited	China	Consulting for computer system integration and others	Essencore Limited	100.00%
Essencore Pte. Ltd.	Singapore	Manufacturing and distribution of semiconductor modules	Essencore Limited	100.00%
SK China Company, Ltd.	Hong Kong	Consulting and investment	SK Inc.	88.13%
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%
Shanghai SKY Real Estate Development Co., Ltd.	China China	Real estate investment Investment	SK Industrial Development China Co., Ltd. SK China Company, Ltd.	100.00% 100.00%
Beijing Lizhi Weixin Technology Co., Ltd. SK China Investment Management Co., Ltd.	Hong Kong	Real estate investment	SK China Company, Ltd.	100.00%
SK Networks (Liaoning) Logistics Co., Ltd.	China	Logistics	SK China Investment Management Co., Ltd.	100.00%
SK International Agro-Products Logistics Development Co., Ltd. SK International Agro-Sideline Products Park Co., Ltd.	Hong Kong China	Agriculture product logistics Agriculture product logistics	SK China Investment Management Co., Ltd. SK International Agro-Products Logistics	100.00% 100.00%
SK Auto Service Hong Kong Co., Ltd.	Hong Kong	Holding company	Development Co., Ltd. SK China Company, Ltd.	100.00%
Skyline Auto Financial Leasing Co., Ltd.	Hong Kong	Investment	SK Auto Service Hong Kong Co., Ltd.	100.00%
SK Financial Leasing Co., Ltd. SK China (Beijing) Co., Ltd.	China China	Financial lease Consulting	SK Auto Service Hong Kong Co., Ltd. SK China Company, Ltd.	100.00% 100.00%
SKY Property Management Ltd.	Virgin Island	Investment	SK China Company, Ltd.	100.00%
SK China Real Estate Co., Ltd.	Hong Kong	Real estate investment	SKY Property Management Ltd.	100.00%
SKY Investment Co., Ltd.	China	Real estate management	SK China Company, Ltd.	100.00%
SKY (Zhuhai Hengqin) Technology Co., Ltd.	China China	Investment	SK China Company, Ltd. SK Inc.	100.00% 100.00%
SK C&C Beijing Co., Ltd.	Cillia	Consulting for computer system integration and others	SK IIIC.	100.00 /6
SK C&C Chengdu Co., Ltd.	China	Consulting for computer system integration and others	SK C&C Beijing Co., Ltd.	100.00%
SK C&C India Pvt. Ltd.	India	Consulting for computer system integration and others	SK Inc.	100.00%
SK C&C USA, Inc.	USA	Consulting for computer system integration and others	SK Inc.	100.00%
GigaX Europe kft.	Hungary	IT Service	SK C&C USA, Inc	100.00%
S&G Technology	Saudi	Consulting for computer	SK Inc.	51.00%
Catura Agricultura Investment Co. Ltd.	Arabia	system integration and others	CV Inc	91.000/
Saturn Agriculture Investment Co., Ltd. SK Investment Management Co., Ltd.	Hong Kong Hong Kong	Investment Investment	SK Inc. SK Inc.	81.00% 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	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 USA	Investment Investment	Plutus Capital NY, Inc.	50.13% 50.01%
Hudson Energy NY II, LLC Hudson Energy NY III, LLC	USA	Investment	Plutus Capital NY, Inc. Plutus Capital NY, Inc.	50.50%
Grove Energy Capital LLC	USA	Investment	Plutus Capital NY, Inc., Pnes Investments, LLC	100.00%
Grove Energy Capital II, LLC	USA	Investment	Plutus Capital NY, Inc.	100.00%
Grove Energy Capital III, LLC	USA	Investment	Plutus Capital NY, Inc.	50.10%
Wonderland NY, LLC Atlas NY, LLC	USA USA	Investment Investment	Plutus Capital NY, Inc. Plutus Capital NY, Inc.	100.00% 61.24%
SK South East Asia Investment Pte. Ltd.	Singapore	Investment	SK Inc., SK Innovation Co., Ltd.,	80.00%
	9		SK Telecom Co., Ltd. and SK E&S Co., Ltd.	
SK Investment Vina I Pte. Ltd.	Singapore	Investment	SK South East Asia Investment Pte. Ltd.	50.01%
SK Investment Vina II Pte. Ltd. SK Investment Vina III Pte. Ltd.	Singapore	Investment	SK South East Asia Investment Pte. Ltd. SK South East Asia Investment Pte. Ltd.	50.01% 100.00%
MSN Investment VIIIa III Pte. Ltd.	Singapore Singapore	Investment Investment	SK Investment Vina III Pte. Ltd.	100.00%
Imexpharm Corporation	Vietnam	Pharmaceutical manufacturing	SK Investment Vina III Pte. Ltd.	64.79%
Linh Nam Ventures JSC	Vietnam	Investment	SK Investment Vina III Pte. Ltd.	100.00%
Lien Khuong Internatonal JSC	Vietnam Vietnam	Investment	SK Investment Vina III Pte. Ltd. SK Investment Vina III Pte. Ltd.	100.00% 100.00%
Dong Kinh Capital JSC Lac Son Investment JSC	Vietnam	Investment Investment	SK Investment Vina III Pte. Ltd.	100.00%
KBA Investment Joint Stock Company	Vietnam	Investment	Lac Son Investment JSC	100.00%
Cong Thang Alpha JSC	Vietnam	Investment	SK Investment Vina III Pte. Ltd.	100.00%
Eastern Vision Investment JSC	Vietnam	Investment	SK Investment Vina III Pte. Ltd.	100.00%
Truong Luu Chi Invest JSC An Nam Phu Investment JSC	Vietnam Vietnam	Investment Investment	SK Investment Vina III Pte. Ltd. SK Investment Vina III Pte. Ltd.	100.00% 100.00%
Zion Son Kim JSC	Vietnam	Investment	SK Investment Vina III Pte. Ltd.	100.00%
Sunrise Kim Investment Joint Stock Company	Vietnam	Investment	Zion Son Kim JSC	100.00%
SK Investment Vina V Pte. Ltd.	Singapore	Investment	SK South East Asia Investment Pte. Ltd.	100.00%
SK Investment Vina VI Pte. Ltd.	Singapore	Investment	SK South East Asia Investment Pte. Ltd.	100.00%
SK Investment Vina IV Pte. Ltd. SK Malavsia Investment I Pte. Ltd.	Singapore Singapore	Investment Investment	SK South East Asia Investment Pte. Ltd. SK South East Asia Investment Pte. Ltd.	100.00% 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	Ireland	Pharmaceutical manufacturing	SK Pharmteco Inc.	100.00%
Crest Acquisition LLC Yposkesi, SAS	USA France	Investment	SK Pharmteco Inc.	100.00% 70.07%
Abrasax Investment Inc.	USA	Medicine manufacturing Investment	Crest Acquisition LLC SK Pharmteco Inc.	100.00%
Fine Chemicals Holdings Corp.	USA	Investment	Abrasax Investment Inc.	100.00%
AMPAC Fine Chemicals, LLC	USA	Drug medicine	Fine Chemicals Holdings Corp.	100.00%
AMPAC Fine Chemicals Texas, LLC	USA	Drug medicine	AMPAC Fine Chemicals, LLC	100.00%
AMPAC Fine Chemicals Virginia, LLC Golden Pearl EV Solutions Limited	USA Hong Kong	Drug medicine Investment	AMPAC Fine Chemicals, LLC SK Inc.	100.00% 100.00%
Socar Mobility Malaysia, Sdn. Bhd.	Malaysia	Car sharing service	SK Inc.	66.27%
Future Mobility Solutions Sdn. Bhd.	Malaysia	Online brokerage services for car rental	Socar Mobility Malaysia, Sdn. Bhd.	100.00%
PT Future Mobility Solutions	Indonesia	Online brokerage services for car rental	Socar Mobility Malaysia, Sdn. Bhd.	100.00%
Einstein Cayman Limited	Cayman	Investment	SK Inc.	100.00%
I Cube Capital Inc. I Cube Capital Hong Kong 1. LP Limited	USA Hong Kong	Investment Investment	SK Inc. I Cube Capital Inc.	100.00% 100.00%
Tellus Investment Partners, Inc.	USA	Investment	SK Inc.	100.00%
Primero Protein LLC	USA	Investment	Tellus Investment Partners, Inc.	67.55%
Terra Investment Partners LLC	USA	Investment	Tellus Investment Partners, Inc.	100.00%
Terra Investment Partners II, LLC	USA	Investment	Tellus Investment Partners, Inc.	100.00%
Castanea Bioscience Inc. SK Forest Co., Ltd.	USA Korea	Investment Landscaping and planting business	SK Inc. SK Inc.	100.00% 100.00%
OK I Orost Co., Ltu.	NUIGA	Landscaping and planting business	GIV IIIO.	100.00%

				Equity ownership
Subsidiaries	Domicile	Principal business activity	The largest shareholders	(*1)
Hweechan Co., Ltd.	Korea	Condo, resort operation	SK Inc.	100.00%
SK Pinx Co., Ltd.	Korea	Golf club operating	Hweechan Co., Ltd.	100.00%
SK REIT Co., Ltd. (*2)	Korea	Real estate developing and trading	SK Inc.	42.99%
Clean Energy REIT Co., Ltd.	Korea	Real estate developing and trading	SK REIT Co., Ltd.	100.00%
Total Value 1 REIT Co., Ltd.	Korea	Real estate developing and trading	SK REIT Co., Ltd.	100.00%
SK REITs Management Co., Ltd.	Korea Korea	Real estate developing and trading	SK Inc.	100.00%
Clean Industrial REITs Co.,Ltd		Real estate developing and trading Investment	SK REITs Management Co., Ltd. SK Inc.	100.00% 100.00%
SK Japan Investment Inc. SK Signet Inc. (*7)	Japan Korea	Electric vehicle charger	SK Inc.	0.00%
SK Signet Inc. (1)	Notea	manufacturing and selling	SK IIIC.	0.0076
SK Signet America Inc.	USA	Electric vehicle charger maintenance and technical support	SK Signet Inc.	100.00%
SK SIGNET MANUFACTURING TEXAS LLC.	USA	Motor, generator and electrical conversion equipment manufacturing industry	SK Signet America Inc.	100.00%
Auxo Capital Inc.	USA	Investment	SK Inc.	100.00%
SK Global Development Advisors LLC	USA	Investment	Auxo Capital Inc.	100.00%
Auxo Capital Managers LLC	USA	Investment	Auxo Capital Inc.	91.03%
Tellus (HONG KONG) Investment Co., Ltd.	Hong Kong	Investment	SK Inc.	100.00%
Digital Center Capital Inc.	USA	Investment	SK Inc.	100.00%
Martis Capital, LLC	USA	Investment		100.00%
· ·	USA		Digital Center Capital Inc.	100.00%
Tillandsia, Inc.		Investment	SK Inc.	
Energy Solution Group, Inc.	USA	Investment	SK Inc., SK Energy Co., Ltd.	100.00%
Atom Power, Inc. (*8)	USA	Electric Vehicle Charging Station Operation	Energy Solution Group, Inc.	9.59%
Skyline Mobility, Inc.	USA	E-Bike battery pack and others	Energy Solution Group, Inc.	100.00%
SK powertech Co., Ltd.	Korea	Semiconductor	SK Inc.	98.59%
Chamaedorea, Inc.	USA	Investment	SK Inc.	100.00%
Areca, Inc.	USA	Investment	SK Inc.	100.00%
Ackerton Partners Co., Ltd.	Korea	IT Service	SK Inc.	100.00%
Evertech Enterprise Co., Ltd.	Korea	Manufacturing	SK Inc.	95.40%
8 Rivers Capital, LLC	USA	Investment	SK Inc.	51.57%
Zero Degrees International, Inc.	USA	Investment	8 Rivers Capital, LLC	100.00%
Zero Degrees Rosella Pty. Ltd.	Australia	R&D	Zero Degrees International, Inc.	100.00%
Zero Degrees Whitetail 1, Ltd.	UK	Investment	Zero Degrees International, Inc.	100.00%
Zero Degrees Whitetail Dev. Ltd.	UK	Investment	Zero Degrees Whitetail 1, Ltd.	100.00%
Zero Degrees Crossbill Dev. Ltd.	UK	Investment	Zero Degrees Whitetail 1, Ltd.	100.00%
Crossbill Clean Energy Ltd.	UK	Renewable industry	Zero Degrees Crossbill Dev. Ltd.	100.00%
	UK			100.00%
8Rivers Europe Ltd.		Office support services	Zero Degrees International, Inc.	
Zero Degrees, LLC	USA	Investment	8 Rivers Capital, LLC	100.00%
Meadowlark Company C, LLC	USA	Investment	Zero Degrees, LLC	100.00%
Meadowlark Holdings, LLC	USA	Investment	Zero Degrees, LLC	100.00%
Meadowlark Energy HoldCo, LLC	USA	Investment	Meadowlark Holdings, LLC	100.00%
Meadowlark Energy , LLC	USA	Renewable industry	Meadowlark Energy HoldCo, LLC	100.00%
Coyote Company C, LLC	USA	Investment	Zero Degrees, LLC	100.00%
Coyote Power Holdings, LLC	USA	Investment	Zero Degrees, LLC	100.00%
Coyote Clean Power, LLC	USA	Renewable industry	Coyote Power Holdings, LLC	100.00%
Broadwing Company C, LLC	USA	Investment	Zero Degrees, LLC	100.00%
Broadwing Holdings, LLC	USA	Investment	Zero Degrees, LLC	100.00%
ParkIntuit, LLC	USA	Office support services	8 Rivers Capital, LLC	100.00%
8 Rivers Services, LLC	USA	Office support services	8 Rivers Capital, LLC	100.00%
NPEH, LLC	USA	Investment	8 Rivers Capital, LLC	91.40%
INI LII, LLO	USA	mvesunent	o ravera Capital, LLC	31. 4 070

- (*1) The equity ownership is based on ordinary shares and includes indirect investments held by the consolidated subsidiaries.
- (*2) SK Innovation Co., Ltd. and 14 other companies are included in the consolidated financial statements as the Group is able to exercise de facto control. The remaining voting rights of SK Innovation Co., Ltd. and 14 other companies are widely dispersed, so it is determined that the Group has voting rights to exercise de facto control.
- (*3) 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%.
- (*4) The assets and liabilities of subsidiary SK Shieldus Co., Ltd. are classified as assets and liabilities held for sale (See Note 29).
- (*5) Dreamus Company Co., Ltd. has a 51.44% stake in common shares, but the preferred shares with voting rights are issued, and the share with voting rights is 41.78%.
- (*6) The assets and liabilities of SK Networks Resources Australia (Wyong) Pty Ltd. and 4 other companies are classified as assets and liabilities held for sale (See Note 29).
- (*7) Although the Group's equity interests for common stock in SK Signet Inc. is 0%, as the preferred stocks with voting rights are issued, the equity interests with voting rights are 51.55%
- (*8) Atom Power, Inc. has a 9.59% stake in common shares, but the preferred shares with voting rights are issued, and the share with voting rights is 70.13%.

1.3 Changes in consolidated subsidiaries

8 Rivers Capital, LLC and 21 others

Changes in the consolidated subsidiaries for the six-month period ended June 30, 2023 are as follows:

December 31, 2022 Inclusion Exclusion June 30, 2023 134

For the six-month period ended June 30, 2023, subsidiaries newly included in consolidation are as follows: Subsidiaries Reasons for changes SK innovation outpost Corporation Establishment SK Shieldus Hungary Kft (40 companies) Korea Security Holdings Co., Ltd. TGC Square Pte. Ltd. KCE NY 30, LLC KCE NY 31, LLC KCE NY 34, LLC KCE NY 35, LLC KCE NY 36, LLC KCE NY 37, LLC KCE NY 38, LLC KCE NE 1, LLC KCE NE 2, LLC KCE CA 1, LLC KCE CA 2, LLC KCE CA 3, LLC KCE CA 4, LLC KCE CA 5, LLC KCE CA 6, LLC KCE CA 7, LLC KCE NV 1, LLC KCE NV 2, LLC KCE NV 3, LLC KCE TX 29, LLC KCE TX 30, LLC KCE TX 31, LLC KCE CT 11, LLC KCE MI 5, LLC KCE MN 1, LLC KCE IL 4, LLC TES Netherlands B.V. Shanghai Tes-Amm Xin New Materials Co., Ltd Econovation, LLC Essencore Pte. Ltd. GigaX Europe kft. Skyline Mobility, Inc. Chamaedorea, Inc. Areca, Inc Clean Industrial REITs Co., Ltd. Ackerton Partners Co., Ltd Topsun Co., Ltd. and 68 others Acquisition and others SK ecoengineering Co., Ltd. (94 companies) Ecoengineering Canada Ltd. Evertech Enterprise Co., Ltd.

For the six-month period ended June 30, 2023, subsidiaries excluded from consolidation are as follows:

Subsidiaries Reasons for changes SK Telesys. Co., Ltd. Consolidated entities goodsPOST Co., Ltd. (4 companies) SK Materials Renewtech Co., Ltd. SK BIOTEK USA, Inc. TES-AMM Korea Inc. Disposal (1 company) KCE TX 20, LLC Liquidation Tes-Amm Middle East Fze (4 companies) Lotus Fund, L.P. 8 Rivers Advisors, LLC

1.4 Condensed financial information of significant consolidated subsidiaries

Details of condensed financial information of the significant subsidiaries as of and for the six-month period ended June 30, 2023 are as follows (Korean won in millions):

	Total	Total		Net income
Subsidiaries	assets	liabilities	Sales	(loss)
SK Innovation Co., Ltd.	₩20,998,508	₩ 4,599,199	₩ 1,064,161	₩ 435,244
SK Energy Co., Ltd.	17,091,035	12,027,945	20,642,579	(297,815)
SK Geo Centric Co., Ltd.	6,683,705	3,580,043	5,829,527	45,973
SK Geo Centric International Trading (Shanghai) Co., Ltd.	207,484	182,776	792,415	1,100
SK Incheon Petrochem Co., Ltd.	5,980,924	4,629,408	4,734,446	(207,448)
SK Trading International Co., Ltd.	2,372,749	1,090,886	8,371,799	253,201
SK Energy International Pte. Ltd.	3,159,141	2,282,152	17,224,829	57,873
SK Energy Europe, Ltd.	202,584	106,248	2,504,059	3,501
SK Energy Americas, Inc.	839,365	760,463	2,648,323	(17,066)
SK Enmove Co., Ltd.	3,339,930	2,113,554	2,538,275	386,502
SK Enmove Americas, Inc. (formerly, SK Lubricants Americas, Inc.)	528,979	411,071	664,822	30,763
SK Enmove Europe B.V. (formerly, SK Lubricants Europe B.V.)	322,049	287,792	657,652	13,404
SK ie technology Co., Ltd.	2,448,629	447,255	146.119	(51,117)
SK Hi-tech Battery Materials Poland Sp. Zo.o.	2,241,814	928,771	87,184	61,607
SK On Co., Ltd.	14,288,076	6,198,147	5,018,817	(263,093)
SK On Hungary Kft.	5,459,007	3,552,482	995,793	35,144
SK On(Jiangsu) Co., Ltd.	2,603,520	1,551,330	1,880,265	38,295
SK Battery America, Inc.	7,737,805	4,822,775	1,019,709	(312,159)
BlueOval SK, LLC	4,962,715	761,157	1,010,700	(5,537)
SK Battery Manufacturing Kft.	2,166,175	1,843,077	694.419	(149,901)
SK Telecom Co., Ltd.	24,989,557	14,304,167	6,236,483	694,954
SK Broadband Co., Ltd.	6,613,247	3,594,519	2,131,612	111,143
PS&Marketing Corp.	409,315	182,765	626,766	1,257
SK Square Co., Ltd.	7,458,181	121,340	89,699	75,035
SK Shieldus Co., Ltd.	3,331,495	2,924,489	892,654	(48,787)
SK Networks Co., Ltd.	4,683,294	2,768,937	3,011,856	5,882
SK Magic Co., Ltd.	1,366,707	923,879	513,161	19.461
SK Rent-a-Car Co., Ltd.	3,523,402	2,996,727	706,151	16,191
SKC Co., Ltd.	2,805,950	937,317	79,202	61,220
SK PIC Global Co., Ltd.	636,567	378,135	508,307	(35,872)
SK Nexilis Co., Ltd.	2,266,361	1,233,893	360,058	(45,683)
SK E&S Co., Ltd.	9,857,386	4,227,658	536,056	388,051
Yeongnam Energy Service Co., Ltd.	429,192	204,239	546,575	17,772
Ko-one Energy Service Co., Ltd.	673,727	324,454	840,133	20,760
Narae Energy Service Co., Ltd.	1,440,240	798,956	587,502	90,660
Busan City Gas Co., Ltd.	1,342,214	418,943	731,837	434,554
Paju Energy Service Co., Ltd.	2,105,862	1,209,103	1,004,139	158,934
SK E&S Americas, Inc.	3,914,997	7,421	3,372	(149)
,	, ,	67,444	3,372	(23,443)
Passkey, Inc.	2,687,089	,	1,256,578	(23,443 <i>)</i> 115,441
Prism Energy International Pte. Ltd.	1,936,266 8,669,789	1,225,275 6,295,677	2,221,341	56,756
SK Ecoplant Co., Ltd.		, ,	778,462	,
SK ecoengineering Co., Ltd.	955,444	687,356		30,889
SK Specialty Co., Ltd. (*1)	1,299,687	910,616	343,136 1,071,860	36,662 120,152
SK Siltron Co., Ltd. (*1) SK China Company, Ltd.	4,959,663	3,106,706	1,07 1,000	27,815
	3,246,479	53,248	E0 695	
SK South East Asia Investment Pte. Ltd.	3,313,309	535,144	50,685	(16,541)
SK REIT Co., Ltd. (*1)	3,117,646	2,166,924	61,099	7,151

^(*1) The subsidairy's 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 six-month period ended June 30, 2023 are as follows (Korean won in millions):

						Ju	ne	30, 2023						
	Sł	Innovation	S	K Telecom	S	K Square	Sł	Networks		SKC	S	K E&S	Sk	(Ecoplant
		Co., Ltd.	Co., Ltd.			Co., Ltd.		Co., Ltd.	Co., Ltd.		С	o., Ltd.		Co., Ltd.
Percentage of the non-controlling ownership		63.43%		69.94%		69.43%		53.99%		54.74%	1	10.00%		57.10%
Current assets	₩	32,660,629	₩	6,705,986	₩	5,469,958	₩	2,438,041	₩	1,940,746	₩ :	3,990,632	₩	5,904,576
Non-Current assets		40,813,576		23,599,592		15,135,141		6,834,801		4,300,372	13	3,829,358		8,439,003
Current liabilities		26,646,296		6,659,166		4,019,807		3,540,133		1,542,476		4,113,123		6,276,954
Non-current liabilities		20,666,358		11,252,735		710,277		3,353,496		2,318,234	(6,522,790		3,721,140
Net assets		26,161,551		12,393,677		15,875,015		2,379,213		2,380,408		7,184,077		4,345,485
Book value of the non-controlling interests		17,381,344		7,631,737		11,056,616		1,350,602		1,633,114	•	4,699,536		3,540,934
Sales		37,870,126		8,678,610		(116,212)		4,627,541		1,300,009		5,671,858		3,927,262
Net income (loss)		(172,394)		650,258		(1,227,754)		15,235		(116,918)		705,782		236,253
Total comprehensive income (loss)		287,855		646,311		(1,186,055)		15,417		(36,676)		819,705		276,852
Net income (loss) of the non- controlling interests		(36,638)		428,571		(872,176)		7,773		(74,168)		219,237		161,171
Total comprehensive income (loss of the non-controlling interests)	257,721		402,400		(844,193)		7,323		(25,364)		237,947		200,283
Net cash flows from operating activities		2,310,367		2,397,782		217,273		(77,909)		(223,665)		393,846		(591,745)
Net cash flows from investing activities		(4,864,912)		(1,682,170)		(49,692)		(5,061)		(278,949)		(262,956)		(381,464)
Net cash flows from financing activities before dividends paid to the non- controlling interests		5,548,115		(731,493)		(139,243)		86,893		192,379		(86,884)		712,963
Dividends paid to the non- controlling interests		(319,315)		(311,321)		(6,062)		(16,111)		(40,053)		(213,295)		(42,179)
Net increase (decrease) in cash and cash equivalents		2,674,255		(327,202)		22,276		(12,188)		(350,288)		(169,289)		(302,425)

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

2. Summary of material accounting policy information

2.1 Basis of preparation

The Group prepares statutory condensed consolidated interim financial statements in Korean language in accordance with Korean International Financial Reporting Standards ("K-IFRS") No. 1034 Interim Financial Reporting enacted by the Act on External Audit of Stock Companies. The accompanying condensed consolidated interim financial statements have been translated into English from the Korean language financial statements. In the event of any differences in interpreting the financial statements or the independent auditor's review report thereon, the Korean version, which used for regulatory reporting purposes, shall prevail.

The condensed consolidated interim 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, 2022.

The accompanying condensed consolidated interim 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 condensed consolidated interim financial statements and has been made at the rate of $\mathbb{W}1,312.8$ 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 six-month period ended June 30, 2023. 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 Material accounting policy information

The material accounting policy information used for the preparation of the accompanying the condensed consolidated interim financial statements as of and for the six-month period ended June 30, 2023, are the same as the accounting policy information adopted for the preparation of consolidated financial statements as of and for the year ended December 31, 2022, except for adoption of new and revised K-IFRSs applied in the current period, which are summarized below.

2.2.1 New and revised K-IFRSs adopted in the current period

The Group has applied amendments to K-IFRS issued that are mandatorily effective for accounting periods beginning on or after January 1, 2023.

Amendments to K-IFRS No. 1001 Presentation of Financial Statements

The amendments require disclosure of material accounting policy information instead of a significant accounting policies, and explain the meaning of material accounting policy information. On the other hand, the application of this amendment has no significant impact on the financial position or management performance of the group.

The amendments required disclosure of the carrying amount and associated gains or losses of a financial liability if all or part of a financial instrument whose exercise price is subject to changes in the issuer's share price is classified as a financial liability. On the other hand, the application of this amendment has no significant impact on the financial position or management performance of the group.

2.2 Material accounting policy information (cont'd)

Amendments to K-IFRS No. 1008 Accounting Policies, Changes in Accounting Estimates and Errors

The amendments made clear in K-IFRS No. 1008 how to define an accounting estimate as the amount of money in the financial statements affected by measurement uncertainty and distinguish it from changes in accounting policy. On the other hand, the application of this amendment has no significant impact on the financial position or management performance of the group.

Amendments to K-IFRS No. 1012 Income Taxes

The amendments were amended to address the practical diversity of recognition of deferred tax assets and liabilities for transactions in which temporary differences to be added and deducted at the same amount occur. The amendments add the requirements to the proviso to paragraphs 15 and 24 of K-IFRS No. 1012(Exception for Initial Recognition of deferred tax) to require recognition of deferred tax assets and liabilities if there is a temporary difference in the same amount to be added and subtracted. On the other hand, the application of this amendment has no significant impact on the financial position or management performance of the group.

2.2.2 New and revised KIFRS issued, but not yet effective

Amendments to K-IFRS No. 1001 Presentation of Financial Statements

The amendments only affect the presentation of current and non-current liabilities in the statement of financial position, clarifying that the classification of current and non-current liabilities is based on the entity's rights existing at the end of the reporting period and highlighting that the entity's expectation of deferring the settlement of the liabilities. At the end of the reporting period, if the borrowing arrangement is in compliance, the right is explained and the definition is clarified by transferring cash, equity instruments, or other assets or services to the counterparty. The amendments shall apply for annual periods beginning on or after 1 January 2024, and may be applied early.

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

3. Significant accounting judgments, estimates and assumptions

When preparing the condensed consolidated interim 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 condensed consolidated interim financial statements for the six-month period ended June 30, 2023, are consistent with those followed in the preparation of consolidated financial statements for the year ended December 31, 2022.

4. Operating segments

(1) Overview of operating segments

The Group makes decisions on resources to be allocated to business segments and divides the business segments based on the internal reports which the chief operating decision maker periodically reviews to evaluate the performances of the sales 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.	Wireless and wired telecommunication
SK Square Co., Ltd.	Semiconductor and New ICT
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 energy
SK Ecoplant Co., Ltd.	Construction and eco-friendly business
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 six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in billions):

			А	s of and for the	six-month peri	od ended Jur	ne 30, 2023			
	SK	SK	SK	SK			SK	Co	nsolidation	
	Innovation	Telecom	Square	Networks	SKC	SK E&S	Ecoplant	ad	djustments	
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Others	(*1)	Total
Sales	₩ 38,037	₩ 8,679 ₩	₩ (116)	₩ 4,628	₩ 1,300	₩ 5,672	₩ 3,927 ₩	5,598 ₩	(2,932)	₩ 64,793
and other operating revenue										
Internal sales	(367)	(143)	834	(539)	(170)	(246)	(7)	(2,294)	2,932	-
Net sales	37,670	8,536	718	4,089	1,130	5,426	3,920	3,304	-	64,793
Profit (loss) from continuing operations before income tax expense	(102)	871	(1,362)	35	(151)	985	186	554	(1,219)	(203)
from continuing operations	(172)	650	(1,228)	15	(117)	706	236	439	(794)	(265)
Total assets	73.475	30,306	20,605	9,273	6,241	17,820	14,344	61.088	(33,792)	199,360
Total liabilities	47,312	17,912	4,730	6,893	3,860	10,636	9,998	23,685	(1,175)	123,851
Depreciation	875	1,455	69	394	69	234	57	447	(26)	3,574
Amortization	101	427	27	18	17	12	42	76	137	857
			Α	s of and for the	six-month peri	od ended Jur	ne 30, 2022			
	SK	SK Telecom	SK Square	SK Networks	SKC	SK F&S	SK Econlant		onsolidation diustments	

				to or and for the	SIX-IIIOIIIII PEII	ou ended Jui	16 30, 2022			
	SK	SK	SK	SK			SK	(Consolidation	
	Innovation	Telecom	Square	Networks	SKC	SK E&S	Ecoplant		adjustments	
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Others	(*1)	Total
Sales	₩ 36,167	₩ 8,567	₩ 2,020	₩ 4,644	₩ 1,540	₩ 5,715	₩ 3,099	₩ 5,048 ₩	₹ (4,196)	₩ 62,604
and other operating revenue										
Internal sales	(326)	(88)) (1,347)	(516)	(211)	(190)	(4)	(1,514)	4,196	-
Net sales	35,841	8,479	673	4,128	1,329	5,525	3,095	3,534	-	62,604
Profit (loss) from	3,386	730	1,017	71	225	1,139	112	857	(800)	6,737
continuing operations										
before income tax										
expense										
Profit (loss) for the period	2,202	478	943	54	188	956	50	724	(898)	4,697
from continuing										
operations										
Total assets	64,428	30,648	22,960	9,105	7,747	16,611	10,379	57,290	(32,114)	187,054
Total liabilities	42,102	18,502	5,226	6,667	4,760	9,944	7,999	21,573	(1,081)	115,692
Depreciation	774	1,448	138	411	106	220	45	255	64	3,461
Amortization	80	439	47	14	19	4	32	185	44	864

(*1) Consolidation adjustments of the Parent Company, excluding consolidation adjustments of each subsidiary.

202,653

103,775

Operating segments (cont'd) 4.

Total assets

Total liabilities

(3) Details of financial information by geographical location as of and for the six-month periods ended June 30, 2023 and 2022 (Korean won in billions):

	As of and for the six-month period ended June 30, 2023										
					North		nsolidation				
		Korea	Asia	Europe	America	Others ad	justments	Total			
Sales and other operating revenue	₩	80,148 ₩	23,733	₩ 6,040	₩ 5,314	53 ₩	(50,495)₩	64,793			
Operating profit (loss)		3,840	338	(24)	(393)	20	(1,955)	1,826			
Profit (loss) from continuing operations before income tax expense		3,723	366	(23)		24	(3,588)	(203)			
Profit (loss) for the period		3,184	282	(23)	(692)	22	(3,038)	(265)			
Total assets		213,076	24,793	12,543	39,651	2,403	(93,106)	199,360			
Total liabilities		106,385	9,858	7,543	10,588	669	(11,192)	123,851			
		As	of and for th	ne six-month	period ended J						
		Korea	Asia	Europo	North		nsolidation	Total			
Calaa	117		Asia	Europe	America		justments	Total			
Sales and other operating revenue	₩	78,869 ₩	23,267	₩ 5,468	₩ 6,456 ₩	233 ₩	(51,689)₩	62,604			
Operating profit (loss)		7,670	489	(140)	(57)	165	(1,593)	6,534			
Profit (loss) from continuing operations before income tax expense		7,466	520	(246)	(183)	185	(1,005)	6,737			
Profit (loss) for the period		5,301	455	(244)	(208)	168	(775)	4,697			
Total acceta		202 652	25 710	0,304	20,761	2.027	(00 E12)	107 05/			

25,719

10,943

8,394

4,789

28,764

8,030

489

2,037

(80,513)

(12,334)

187,054

115,692

4. Operating segments (cont'd)

(4) Details of financial information by revenue from contracts with customers for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in billions):

				For the	six-month peri	od ended June	e 30, 2023			
	SK	SK	SK	SK			SK			
	Innovation	Telecom	Square	Networks	SKC	SK E&S Ecoplant		Co	onsolidation	
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Others a	adjustments	Total
1. Sales	₩ 38,037	₩ 8,679	₩ (116)	₩ 4,628	₩ 1,300	₩ 5,672	₩ 3,927 ₩	5,598 ₩	(2,932)	₩ 64,793
and other operating revenue										
Revenue from	37,709	8,679	1,120	3,808	1,300	5,669	3,898	5,265	(2,940)	64,508
contracts with										
customers										
Categories:										
Service sales	179	7,904	689	150			3,825	2,723	(1,378)	14,092
Finished goods sales	34,781	-	23	253	1,195	2,365	-	2,461	(685)	40,393
Merchandise sales	2,173	495	224	3,398	100	3,221	53	183	(830)	9,017
Other sales	576	280	184	2.000	4 200	83	20	(102)	(47)	1,006
T:: f	37,709	8,679	1,120	3,808	1,300	5,669	3,898	5,265	(2,940)	64,508
Timing of revenue recognition:										
Recognition at a	37,530	727	464	3,658	1,300	417	24	2,606	3,690	50,416
point in time	37,550	121	404	3,030	1,300	417	24	2,000	3,090	30,410
Recognition over a										
period of time	179	7,952	656	150	_	5,252	3,874	2,659	(6,630)	14,092
p	37,709	8,679	1,120	3,808	1,300	5,669	3,898	5,265	(2,940)	64,508
3. Revenue from	161	-	(1,236)		-	3	29	333	8	118
other sources										
Other operation income (*1)	167	-	-	-	-	-	-	-	-	167

(*1) SK Innovation Co., Ltd., a subsidiary, will receive tax credits for battery cells and modules produced and sold in the United States under the Advanced Manufacturing Production Tax Credit System under the U.S. Inflation Reduction Act, which will take effect on January 1, 2023. Companies applying advanced manufacturing production tax credit can choose to deduct or receive cash according to the law for the amount of tax credit, which is expected to be received as of June 30, 2023 as SK Innovation Co., Ltd. chooses to receive cash.

				For the	six-month peri	od ended Jun	e 30, 2022			
	SK	SK	SK	SK			SK			
	Innovation	Telecom	Square	Networks	SKC	SK E&S	Ecoplant	С	onsolidation	
	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Co., Ltd.	Others :	adjustments	Total
1. Sales	₩ 36,167	₩ 8,567	₩ 2,020	₩ 4,644	₩ 1,540	₩ 5,715	₩ 3,099	₩ 5,048 ₩	(4,196)	₩ 62,604
and other operating revenue										
Revenue from	36,152	8,567	1,042	3,692	1,540	5,711	3,085	4,333	(2,530)	61,592
contracts with										
customers										
Categories:										
Service sales	145	7,867	871	195	-	-	2,985	1,321	(1,056)	12,328
Finished goods sales	34,055	-	18	201	1,372	2,328	-	2,495	(723)	39,746
Merchandise sales	830	482	50	3,295	159	3,335	26	500	(701)	7,976
Other sales	1,122	218	103	1	9	48	74	17	(50)	1,542
	36,152	8,567	1,042	3,692	1,540	5,711	3,085	4,333	(2,530)	61,592
Timing of revenue recognition:										
Recognition at a	36,007	700	171	3,497	1,540	903	100	3,012	(1,474)	44,456
point in time										
Recognition over a										
period of time	145	7,867	871	195		4,808	2,985	1,321	(1,056)	17,136
	36,152	8,567	1,042	3,692	1,540	5,711	3,085	4,333	(2,530)	61,592
Revenue from other sources	15	-	978	952	-	4	14	715	(1,666)	1,012

5. Financial instruments

5.1 Financial assets

Details of financial assets as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

			June 30, 2023		
				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	₩ 7,184,294	₩ -	₩ 14,743,916	₩ - ₩	21,928,210
Short-term financial instruments	1,311,522	_	2,099,389	-	3,410,911
Trade receivables (*1)	90,346	53,703	11,534,359	-	11,678,408
Other receivables `	120,699	-	1,635,690	-	1,756,389
Short-term investment securities	178,289	-	1,845	-	180,134
Short-term loans	-	-	207,019	-	207,019
Accrued income	-	-	119,765	-	119,765
Guarantee deposits	-	-	535,414	-	535,414
Derivative financial assets	220,199	-	-	166,152	386,351
Lease receivables			26,871		26,871
	9,105,349	53,703	30,904,268	166,152	40,229,472
Non-current assets					
Long-term financial instruments	11,729	-	62,872	-	74,601
Long-term trade receivables	-	-	536,234	-	536,234
Long-term other receivables	115,412	-	232,743	-	348,155
Long-term investment securities	2,275,174	6,734,503	2,149	-	9,011,826
Long-term loans	-	-	617,458	-	617,458
Guarantee deposits	-	-	681,459	-	681,459
Derivative financial assets	890,187	-	-	342,852	1,233,039
Long-term lease receivables			53,010	<u>-</u>	53,010
	3,292,502	6,734,503	2,185,925	342,852	12,555,782
	<u>₩ 12,397,851</u>	₩ 6,788,206	₩ 33,090,193	<u>₩ 509,004</u> <u>₩</u>	52,785,254

^(*1) Contract assets (unbilled receivables) amounting to ₩1,385,008 million as of June 30, 2023 are not included in the financial assets.

5.1 Financial assets (cont'd)

		December 31, 2022							
				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	₩ 3,782,673	₩ -	₩ 17,611,180	₩ - ₩	£ 21,393,853				
Short-term financial instruments	2,240,613	-	1,486,660	-	3,727,273				
Trade receivables (*1)	45,369	-	13,138,018	-	13,183,387				
Other receivables	162,617	-	3,397,174	-	3,559,791				
Short-term investment securities	230,576	-	10,045	-	240,621				
Short-term loans	-	-	132,368	-	132,368				
Accrued income	-	-	117,013	-	117,013				
Guarantee deposits	-	-	469,258	-	469,258				
Derivative financial assets	210,773	-	-	229,353	440,126				
Lease receivables			27,745		27,745				
	6,672,621		36,389,461	229,353	43,291,435				
Non-current assets									
Long-term financial instruments	24,580	-	87,904	-	112,484				
Long-term trade receivables	-	-	517,701	-	517,701				
Long-term other receivables	170,052	-	210,912	-	380,964				
Long-term investment securities	1,976,650	5,972,901	946	-	7,950,497				
Long-term loans	-	-	408,954	-	408,954				
Guarantee deposits	-	-	692,386	-	692,386				
Derivative financial assets	852,842	-	-	333,817	1,186,659				
Long-term lease receivables			59,316		59,316				
	3,024,124	5,972,901	1,978,119	333,817	11,308,961				
	₩ 9,696,745	<u>₩ 5,972,901</u>	₩ 38,367,580	<u>₩ 563,170</u> <u>₩</u>	₹ 54,600,396				

^(*1) Contract assets (unbilled receivables) amounting to ₩1,151,145 million as of December 31, 2022 are not included in the financial assets.

5.2 Financial liabilities

Details of financial liabilities as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

•	June 30, 2023									
	Financial liabilities measured at FVTPL	Other financial liabilities	Financial liabilities designated as hedging instruments	<u> </u>						
Current liabilities:										
Short-term borrowings	₩ -	₩ 16,041,188	₩ -	₩ 16,041,188						
Trade payables	-	12,316,382	-	12,316,382						
Other payables	7,454		-	7,219,329						
Current portion of long-term debt	-	12,066,062	-	12,066,062						
Accrued expenses	-	3,309,194	-	3,309,194						
Dividends payable	-	18,939	-	18,939						
Leasehold deposits received	-	209,144	-	209,144						
Derivative financial liabilities	141,610		10,455	152,065						
Lease liabilities	-	1,215,525	-	1,215,525						
Finance guarantee liabilities	-	7,786	-	7,786						
Financial liabilities at fair value										
through profit or loss	72,529			72,529						
	221,593	52,396,095	10,455	52,628,143						
Non-current liabilities:										
Bonds and long-term borrowings	-	48,060,249	-	48,060,249						
Long-term other payables	278,845	1,064,478	-	1,343,323						
Long-term accrued expenses	-	9,009	-	9,009						
Leasehold deposits received	-	369,646	-	369,646						
Derivative financial liabilities	1,063,136	-	20,601	1,083,737						
Lease liabilities	-	4,011,196	-	4,011,196						
Financial guarantee liabilities	-	14,655	-	14,655						
Financial liabilities at fair value										
through profit or loss	90,959			90,959						
	1,432,940	53,529,233	20,601	54,982,774						
	₩ 1,654,533	<u>₩ 105,925,328</u>	₩ 31,056	<u>₩ 107,610,917</u>						

5.2 Financial liabilities (cont'd)

	December 31, 2022									
	Financial liabilities measured at FVTPL	Other financial liabilities	Financial liabilities designated as hedging instruments	Total						
Current liabilities:										
Short-term borrowings	₩ -	₩ 17,457,297	₩ -	₩ 17,457,297						
Trade payables	-	14,024,892	-	14,024,892						
Other payables	79,304	7,125,273	-	7,204,577						
Current portion of long-term debt	-	11,373,120	-	11,373,120						
Accrued expenses	-	4,821,371	-	4,821,371						
Dividends payable	-	935	-	935						
Leasehold deposits received	-	167,538	-	167,538						
Derivative financial liabilities	165,617	-	42,577	208,194						
Lease liabilities	-	1,286,208	-	1,286,208						
Finance guarantee liabilities	-	1,508	-	1,508						
Financial liabilities at fair value										
through profit or loss	57,218			57,218						
	302,139	56,258,142	42,577	56,602,858						
Non-current liabilities:										
Bonds and long-term borrowings	-	45,641,745	-	45,641,745						
Long-term other payables	161,550	1,351,657	-	1,513,207						
Long-term accrued expenses	43,070	17,467	-	60,537						
Leasehold deposits received	-	432,615	-	432,615						
Derivative financial liabilities	813,861	-	4,558	818,419						
Lease liabilities	-	4,220,239	-	4,220,239						
Financial guarantee liabilities	-	23,400	-	23,400						
Financial liabilities at fair value										
through profit or loss	91,355			91,355						
	1,109,836	51,687,123	4,558	52,801,517						
	₩ 1,411,975	₩ 107,945,265	₩ 47,135	<u>₩ 109,404,375</u>						

5.3 Fair values of financial instruments by hierarchy level

- 1) 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.
- 2) Details of fair values of financial instruments by hierarchy level as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

					Jui	ne 30, 2023					
		Book value		Level 1		Level 2		Level 3		Total	
Financial assets:											
Financial assets measured at FVTPL	₩	11,287,465	₩	444,105	₩	8,743,656	₩	2,099,704	₩	11,287,465	
Financial assets measured at FVOCI		6,788,206		3,539,049		-		3,249,157		6,788,206	
Derivative financial assets		1,619,390		1,337		841,241		776,812		1,619,390	
	₩	19,695,061	₩	3,984,491	₩	9,584,897	₩	6,125,673	₩	19,695,061	
Financial liabilities:											
Financial liabilities measured at FVTPL	₩	449,787	₩	-	₩	-	₩	449,787	₩	449,787	
Derivative financial liabilities	i	1,235,802		<u> </u>		121,508		1,114,294		1,235,802	
	₩	1,685,589	₩		₩	121,508	₩	1,564,081	₩	1,685,589	
				-							
		Daakvalua			December 31, 2022				Total		
Financial assets:		Book value		Level 1		Level 2		Level 3		Total	
Financial assets: Financial assets measure at FVTPL	₩	8,633,130	₩	430,499	₩	6,380,535	₩	1,822,096	₩	8,633,130	
Financial assets measured at FVOCI		5,972,901		2,853,745		-		3,119,156		5,972,901	
Derivative financial assets		1,626,785		861		878,318		747,606		1,626,785	
	₩	16,232,816	₩	3,285,105	₩	7,258,853	₩	5,688,858	₩	16,232,816	
Financial liabilities:											
Financial liabilities:	₩	432,497	₩	-	₩	-	₩	432,497	₩	432,497	
measured at FVTPL											
measured at FVTPL Derivative financial liabilities		1,026,613				228,490		798,123		1,026,613	

6. Trade receivables

(1) Details of trade receivables as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	June	30, 2023	December 31, 2022			
	Current	Non-current	Current	Non-current		
Trade receivables:						
Trade receivables (*1)	₩ 12,397,913	₩ 574,910	₩ 13,948,905	₩ 548,695		
Contract assets (unbilled receivables)	1,385,008	-	1,151,145	-		
Loss allowance:						
Trade receivables	(719,505)	(38,676)	(765,518)	(30,994)		
	₩ 13,063,416	₩ 536,234	₩ 14,334,532	<u>₩ 517,701</u>		

- (*1) Includes the net investment amount of the finance lease provided by the Group as a manufacturer or seller.
- (2) Details of contract assets and liabilities related to the contract with the customer as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023	December 31, 2022
Contract assets: (*1)			
Construction business	₩	1,202,046	₩ 988,901
Telecommunication business		132,176	132,221
Others		187,303	241,677
	₩	1,521,525	₩ 1,362,799
		June 30, 2023	December 31, 2022
Contract liabilities: (*2)			
Construction business	₩	1,468,586	₩ 1,201,904
Telecommunication business		228,682	233,922
Others		1,527,979	1,370,875
	₩	3.225.247	₩ 2.806.701

- (*1) Contract assets are included in trade receivables and other assets.
- (*2) Contract liabilities are included in advances received and other liabilities.
- (3) Details of construction profit variation by changes of accounting estimates related to construction contracts as of June 30, 2023 are as follows (Korean won in millions):

					June 3	30, 2023				
		Change in estimated construction revenue		Change in estimated cost	currer	act on nt period it (loss)		mpact on ture period profit		Change in unbilled (overbilled) receivables
SK Ecoplant Co., Ltd. and its subsidiaries	₩	255,952	₩	144,047	₩	57,441	₩	54,464	₩	57,441
Others		(1,408)		(824)		(618)		34		(618)
	₩	254,544	₩	143,223	₩	56,823	₩	54,498	₩	56,823

Impact on profit (loss) 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 June 30, 2023. Estimated construction costs and revenue can be changed in the future period.

6. Trade receivables (cont'd)

(4) Details of the construction contracts where the contract revenue exceeds 5% of the preceding year's revenue under the percentage-of-completion method as of June 30, 2023 are as follows (Korean won in millions):

					U	Unbilled receivables			Trade receivables (*2)			
		Contract	Completion	Percentage						Loss		
Subsidiaries	Project	date	date(*1)	(%)	Amo	unt	Impairment		Amount	allowance	9	
SK Ecoplant	Goseong green	2014.07	2022.01	99.62	₩	-	₩	- 3	₩ 60,012	₩	_	
Co., Ltd.	power project											

^(*1) It is the contractual or scheduled construction deadline for each project.

7. Inventories

Details of inventories as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023 Valuation		December 31, 2022 Valuation				
	Acquisition cost	allowance	Book value	Acquisition cost	allowance	Book value		
Merchandise	₩ 1,578,665 ¥							
Finished goods	4,547,679	(398,875)	4,148,804	4,669,223	(421,219)	4,248,004		
Semifinished goods and	2,329,895	(210,438)	2,119,457	2,156,940	(337,549)	1,819,391		
work in progress								
Raw materials and sub-materials	2,979,690	(105,039)	2,874,651	3,809,625	(232,547)	3,577,078		
Materials in transit	3,424,186	-	3,424,186	3,791,181	-	3,791,181		
Supplies	693,709	(4,505)	689,204	668,966	(3,343)	665,623		
Uncompleted contracts	16,729	· -	16,729	16,765	· -	16,765		
Others	13,350	(1,153)	12,197	3,920	(1,153)	2,767		
	₩ 15,583,903 ₩	(779,351)₩	14,804,552	₩ 16,589,275	(1,036,991) ₩	≠ 15,552,284		

^(*2) It refers to amounts of billed receivables.

8. Investment securities

Details of investment securities as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	June 30, 2023						
		Financial	Financial		Financial		
		assets	assets		assets		
		measured at	measured at	m	neasured at		
		FVTPL	<u>FVOCI (*1)</u>	am	ortized cost	Total	
Equity instruments:							
Marketable equity instruments	₩	444,105	₩ 3,539,049	₩	- ₩	3,983,154	
Non-marketable equity instruments		141,557	3,195,454		<u>-</u>	3,337,011	
		<u>585,662</u>	6,734,503		<u> </u>	7,320,165	
Bond instruments:							
Beneficiary securities and others		1,736,783	-			1,736,783	
Debt securities		131,018		_	3,994	135,012	
		1,867,801			3,994	<u>1,871,795</u>	
	₩	2,453,463		_	3,994 ₩	9,191,960	
Current investment securities	₩	178,289		₩	1,845 ₩	180,134	
Non-current investment securities		2,275,174	6,734,503		2,149	9,011,826	
	December 31, 2022						
			December 3	31. :	2022		
		Financial	December 3 Financial		2022 Financial		
		Financial assets					
			Financial		Financial		
		assets	Financial assets	m	Financial assets	Total	
Equity instruments:	_	assets measured at	Financial assets measured at	m	Financial assets neasured at	Total	
Equity instruments: Marketable equity instruments		assets measured at	Financial assets measured at FVOCI (*1)	m <u>am</u>	Financial assets neasured at		
		assets measured at FVTPL	Financial assets measured at FVOCI (*1)	m <u>am</u>	Financial assets neasured at nortized cost		
Marketable equity instruments Non-marketable equity instruments	W	assets measured at FVTPL 430,499	Financial assets measured at FVOCI (*1) W 2,853,745	m <u>am</u>	Financial assets neasured at nortized cost	3,284,244	
Marketable equity instruments	₩ —	assets measured at FVTPL 430,499 145,087	Financial assets measured at FVOCI (*1) W 2,853,745 3,118,493	m <u>am</u>	Financial assets neasured at nortized cost	3,284,244 3,263,580	
Marketable equity instruments Non-marketable equity instruments	W	assets measured at FVTPL 430,499 145,087	Financial assets measured at FVOCI (*1) W 2,853,745 3,118,493	m <u>am</u>	Financial assets neasured at nortized cost	3,284,244 3,263,580	
Marketable equity instruments Non-marketable equity instruments Bond instruments:	₩ 	assets measured at FVTPL 430,499 145,087 575,586 1,337,220 294,420	Financial assets measured at FVOCI (*1) ₩ 2,853,745 3,118,493 5,972,238	m <u>am</u>	Financial assets neasured at nortized cost - \times - 10,991	3,284,244 3,263,580 6,547,824 1,337,883 305,411	
Marketable equity instruments Non-marketable equity instruments Bond instruments: Beneficiary securities and others		assets measured at FVTPL 430,499 145,087 575,586 1,337,220 294,420 1,631,640	Financial assets measured at FVOCI (*1) W 2,853,745 3,118,493 5,972,238 663 663	m am ₩	Financial assets neasured at nortized cost - \times	3,284,244 3,263,580 6,547,824 1,337,883	
Marketable equity instruments Non-marketable equity instruments Bond instruments: Beneficiary securities and others	W 	assets measured at FVTPL 430,499 145,087 575,586 1,337,220 294,420	Financial assets measured at FVOCI (*1) W 2,853,745 3,118,493 5,972,238 663 663	m am ₩	Financial assets neasured at nortized cost - \times - 10,991	3,284,244 3,263,580 6,547,824 1,337,883 305,411	
Marketable equity instruments Non-marketable equity instruments Bond instruments: Beneficiary securities and others		assets measured at FVTPL 430,499 145,087 575,586 1,337,220 294,420 1,631,640	Financial assets measured at FVOCI (*1) # 2,853,745 3,118,493 5,972,238 663 # 5,972,901	m am ₩	Financial assets neasured at nortized cost - \times 10,991 10,991	3,284,244 3,263,580 6,547,824 1,337,883 305,411 1,643,294	

^(*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, joint ventures and joint operation

(1) Investments in associates and joint ventures

Details of investments in associates and joint ventures as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	<u>-</u>		June 30, 2023	3	December 31, 2022
Company	Domicile	Equity ownership (*1)	Acquisition cost	Book value	Book value
Associates:		•			
SK Hynix Inc.	Korea	20.1%	₩ 5.420.310	₩ 12.602.349	₩ 13,876,478
Vingroup Joint Stock Company (*2)	Vietnam	6.1%	957.882	689.926	
Eureka Midstream Holdings	USA	40.0%	465,582	560,760	558.039
VCM Services And Trading Development Joint Stock Company (*2)	Vietnam	15.8%	465,019	512,838	495,372
Masan Group Corporation (*2)	Vietnam	9.3%	457,718	395,687	382,546
SK ecoengineering Co., Ltd. (*3)	Korea	_	_	_	508,121
Darwin LNG Pty Ltd.	Australia	25.0%	419,675	479,590	
Center For Breakthrough Medicines Holdings, LLC	USA	44.0%	409,059	360,236	387,739
Shenzhen Londian Wason Holdings Group. Co., Ltd.	China	29.5%	383,369	465,547	468,993
The CrownX Corporation (*2)	Vietnam	4.9%	348,648	405,288	390,667
FR BR Aggregator	USA	39.0%	350,718	256,878	286,327
Huizhou EVE United Energy Co., Ltd.	China	49.0%	344,465	499,626	430,301
Peru LNG Company, LLC	USA	20.0%	319,287	294,063	291,151
Daehan Oil Pipeline Corporation	Korea	41.0%	311,372	320,891	325,794
NHIP II Bison Holdings, LLC	USA	24.4%	297,511	312,680	301,753
Yemen LNG Company Ltd. (*2,4)	Bermuda	6.9%	252,813	-	-
Canakkale Highway And Bridge	Turkey	25.0%	290,269	378,005	339,811
Korea IT Fund (*5)	Korea	63.3%	242,170	327,563	324,860
ProteoVant Sciences, Inc.	USA	40.0%	222,370	41,303	205,760
Joyvio (*2)	China	14.0%	213,793	197,274	219,137
Content Wavve Corp	Korea	40.5%	222,161	138,957	139,931
Best Oil Company Ltd.	Myanmar	35.0%	153,024	150,993	135,364
TBM Co., Ltd. (*2)	Japan	13.5%	141,971	115,425	124,336
ENN (Zhoushan) LNG Co., Ltd. (*2)	China	10.0%	133,234	143,424	136,268
8 Rivers Capital LLC (*3)	USA	-	-	-	124,296
Others				3,174,706	
Joint ventures (*6):				22,824,009	24,461,292
Sinopec-SK (Wuhan) Petrochemical Co., Ltd.	China	35.0%	676,332	941,982	965,874
Beijing BESK Technology Co., Ltd.	China	49.0%	247,428	252,767	251,247
Lunar Energy, Inc.	USA	43.5%	181,620	113,569	,
ZETA CAYMAN Limited	Cayman	50.0%	179,756	130,070	140,229
Ignis Therapeutics	Cayman	41.0%	177,525	111,499	90,858
Eurasia Tunnel	Turkey	50.0%	174,215	451,850	409,162
Parkingcloud Corp.	Koreá	44.6%	160,038	155,278	157,625
Boryeong LNG Terminal Co., Ltd.	Korea	50.0%	133,323	166,154	164,059
SABIC SK Nexlene Company Pte. Ltd.	Singapore	50.0%	112,670	211,214	189,585
Others	0 1		, -	517,964	497,110
				3,052,347	2,995,713
				₩ 25,876,356	₩ 27,457,005

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

- (*1) Equity ownership includes indirect investments held by the consolidated subsidiaries.
- (*2) The Group retains significant influence on the associate despite having less than 20% equity interests.
- (*3) It was consolidated during the period ended June 30, 2023.
- (*4) Impairment losses on investments in associates were fully recognized as there was an indication of impairment prior to the current period.
- (*5) These companies were not included as consolidated subsidiaries as the Group does not have control over more than half of the voting rights by agreements.
- (*6) All joint arrangements that the Group has joint control over are structured by a consolidated entity. 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.
- (2) Changes in carrying amount of investments in associates and joint ventures

Changes in investments in associates and joint ventures accounted for using the equity method for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

			For the	six-month period e	nded June 30, 202	3		
				Equity profit	Other			
	Beginning			or losses on	comprehensive	Dividends	Others	Ending
	balance	Acquisitions	Disposals	investments	income	received	(*1)	balance
Associates	₩ 24,461,292	₩ 701,505	₩ (62,899) ₩	(1,199,318)	₩ 21,881	₩ (177,357) ₩	(921,095) ₩	22,824,009
Joint ventures	2,995,713	39,104	(7,772)	7,604	3,903	(14,948)	28,743	3,052,347
	₩ 27,457,005	₩ 740,609	₩ (70.671) ₩	(1.191.714)	₩ 25.784	₩ (192,305) ₩	(892.352) ₩	25.876.356
			For the	six-month period e	nded lune 30 202	2		
						2		
				Equity profit	Other	2		
	Beginning					Dividends	Others	Ending
	Beginning balance	Acquisitions	Disposals	Equity profit	Other		Others (*1)	Ending balance
Associates				Equity profit or losses on investments	Other comprehensive income	Dividends	(*1)	
Associates Joint ventures	balance	₩ 1,308,764	₩ (12,393) ₩	Equity profit or losses on investments	Other comprehensive income	Dividends received	(*1)	balance

- (*1) 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 June 30, 2023 are as follows (Korean won in millions):

	Begin	ning balance	Change	<u>es En</u>	ding balance
Korea Consortium Kazakh B.V.	₩	175,694	₩	- ₩	175,694
Yemen LNG Company Ltd. and others		92,819	7	,625	100,444

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

(4) Condensed financial information of significant investments in associates and joint ventures as of June 30, 2023 are as follows (Korean won in millions):

				As of a	and	for the six-m	onth period end	led .	June 30, 202	23		
		Current assets	N	on-current assets		Current liabilities	Non-current liabilities		Sales			Total prehensive income (loss)
Associates: SK Hynix Inc.	₩	29,661,132	117	73,157,875	w	10 776 422	₩ 25,583,524	XXZ	12 204 044	W (F F72 200)	\ XX	(5,461,274)
,		, ,	vv	, ,	vv							
Vingroup Joint Stock Company		16,261,621		16,984,438		17,610,988	8,042,495		2,142,986	32,403		32,403
Eureka Midstream Holdings		36,227		1,137,164		14,428	414,238		72,802			30,436
VCM Services And Trading Development Joint Stock Company		616,429		393,864		451,216	299,170		403,434	(15,808))	(15,808)
Masan Group Corporation		2,873,188		5,246,960		3,404,663	2,648,674		1,028,842	24,170		24,170
Darwin LNG Pty Ltd.		173,361		128,658		46,834	55,540		377,400	26,037		26,037
Center For Breakthrough Medicines Holdings, LLC		101,674		623,331		130,494	427,004		16,687	(98,439))	(98,439)
Shenzhen Londian Wason Holdings Group Co., Ltd.		1,831,693		996,928		1,797,843	331,608		634,567	23,810		23,810
The CrownX Corporation		1,801,567		1,167,512		1,027,345	550,349		731,505	40,932		40,932
Huizhou EVE United Energy Co., Ltd.		1,162,831		585,059		601,247	94,975		949,736	99,619		99,619
Peru LNG Company, LLC		624,663		2,409,290		332,780	1,228,520		1,199,218	10,451		10,451
Daehan Oil Pipeline Corporation		113,780		933,904		41,787	259,450		98,328	25,301		25,301
Canakkale Highway And Bridge		467,712		4,073,133		96,599	2,924,276		17,603	107,941		76,329
Korea IT Fund		102,711		414,494			-		15,474	3,368		7,686
ProteoVant Sciences, Inc.		126,054		14,920		39,674	12,289		1,547	(14,151))	(14,151)
Joyvio		2,121,646		2,249,444		1,807,345	1,327,524		1,588,692	39,423		40,451
Content Wavve Corp		130,629		232,757		104,100	222,976		164,730	(61,895))	(61,601)
Best Oil Company Limited		617,732		182,089		510,047	12,562		995,625	27,705		27,705
TBM Co., Ltd.		79,186		52,128		9,132	42,594		16,995	(19,868))	(19,868)
ENN (Zhoushan) LNG Co., Ltd.		132,602		1,091,657		270,387	300,010		39,292	25,233		29,778
Joint ventures:												
Sinopec-SK (Wuhan) Petrochemical Co., Ltd.		906,926		4,275,282		1,041,579	1,664,050		5,249,058	(84,339))	(84,339)
Beijing BESK Technology Co., Ltd	d.	647,993		427,016		464,869	45,396		528,966	36,274		36,274
ZETA CAYMAN Limited		1,254		259,857		971	-		-	(975)		(975)
Ignis Therapeutics		182,412		206,567		1,024	392		_	(7,317)		(8,443)
Eurasia Tunnel		285.276		1.644.987		181,152	866.712		6,998	49.838		51,113
Parkingcloud Corp		116,389		76.095		24,349	36,430		34,821	(4,055)		(4,055)
Boryeong LNG Terminal Co., Ltd.		146,595		1,508,128		81,344	1,265,434		129,016	23,873		23,854
SABIC SK Nexlene Company		408,248		503,039		123,209	297,536		316,689	43,197		22,925

(5) Details of joint operation as of June 30, 2023 and December 31, 2022 are as follows:

	Owners	hip equity	_		
	June 30, 2023	December 31, 2022	Principal place of business	Date of financial statements in use	Nature of Joint Agreement Activities and others
Ulsan Aromatics Co., Ltd.	50%	50%	Republic of Korea	December 31	(*1,2)
PT. Patra SK	65%	65%	Indonesia	December 31	(*1,3)

^(*1) The Group classified the joint arrangement with the entities above as a joint operation, considering facts and circumstances that the contractual agreement is designed to provide outputs to relevant parties of the agreement, despite the terms of the agreement that grant the parties neither any rights to the assets nor any obligations to the liabilities in relation to the agreement.

^(*2) The entity was established as a joint venture with ENEOS Corporation on March 30, 2012 and is engaged in manufacturing of aromatic compounds.

^(*3) The entity was established as a joint venture with PT Pertamina Patra Niaga on November 19, 2006 and is engaged in manufacturing and selling lubricating oil.

10. Property, plant and equipment

(1) Details of property, plant and equipment as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023	<u>December 31, 2022</u>
Acquisition cost	₩	93,146,717	₩ 85,931,206
Accumulated depreciation			
and accumulated impairment loss		(27,060,910)	(26,009,334)
	₩	66,085,807	₩ 59,921,872

(2) Changes in property, plant and equipment for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

		_			l 20 2022		
	Beginning	Business	or the six-month	perioa enaea	June 30, 2023		Ending
	balance	combination	Acquisitions	Disposals	Depreciation	Others (*1)	balance
Land	₩ 9,316,944						
Buildings	6.609.655	3,531	9,937	(3,591)	(147,574)	1.440.152	7,912,110
Structures	1.906.675	31,194	2,910	(221)	(73,279)	152,060	2,019,339
Machinery and equipment	20,873,162	7,530	,	(23,802)	(2,148,048)	2,386,978	21,335,287
Vehicles	177,588	79	9,045	(1,879)	(15,520)	3,856	173,169
Operating lease asset	2,387,593	-	614,432	(9,096)	(253,970)	,	,
Others	5,280,841	6,799	683,565	(5,573)	(375,095)	(133,551)	
Construction-in-progress	13,369,414	45,174	7,995,687	(8,483)		(4,387,135)	17,014,657
. •	₩ 59,921,872	₩ 137,702	₩ 9,565,328 \	₩ (82,812)¥	₩ (3,013,486)	₩ (442,797)	₩ 66,085,807
		F	or the six-month	period ended	June 30, 2022		
	Beginning	Business		•			Ending
	balance	combination	Acquisitions	Disposals	Depreciation	Others (*1)	balance
Land	₩ 9,294,248	₩ 12,318	₩ 5,248	₹ (53,989)	₩ -	₩ 69,266	₩ 9,327,091
Buildings	6,003,660	26,870	7,049	(29,221)	(130,031)	775,373	6,653,700
Structures	1,986,791	5,765	4,242	(1,306)	(71,062)	65,192	1,989,622
Machinery and equipment	20,825,354	60,056	187,540	(57,071)	(2,054,255)	2,168,688	21,130,312
Vehicles	180,594	7,514	3,444	(714)	(16,886)	6,674	180,626
Operating lease asset	1,942,319	-	483,175	(13,795)	(220,574)	(92,519)	2,098,606
Others	4,447,473	118,154	735,255	(2,980)	(385,645)	(145)	4,912,112
Construction in progress							
Construction-in-progress	6,703,386	4,932	4,196,322	(3,030)		(2,467,278)	8,434,332

(*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 June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023	<u>December 31, 2022</u>
Acquisition cost	₩	7,981,074	₩ 8,112,183
Accumulated depreciation			
and accumulated impairment losses		(2,810,174)	(2,674,769)
	$\overline{\mathbb{W}}$	5,170,900	₩ 5,437,414

(2) Changes in right-of-use assets for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

For the six-month period ended June 30, 2023

	For the six-month period ended June 30, 2023								
	Beginning	Business					Ending		
	balance	combination	Increase	Decrease	Depreciation	Others (*1)	balance		
Land and buildings	₩ 2,519,406	₩ 48,765 ₩	₹ 291,669 °	₩ (61,335)	₩ (288,009)	₩ (3,652)	₩ 2,506,844		
Tank	156,403	-	47,403	(174)	(32,910)	1,495	172,217		
Ships	1,435,547	-	1,630	-	(69,460)	43,026	1,410,743		
Vehicles	946,903	716	82,414	(170,960)	(101,544)	(16,022)	741,507		
Others	379,155	161	29,728	(10,272)	(53,261)	(5,922)	339,589		
	₩ 5,437,414	₩ 49,642 ₩	452,844	₩ (242,741)	₩ (545,184)	₩ 18,925	₩ 5,170,900		
			For the six	-month period	ended June 30. 2	022			
	Beginning	Business	1 Of the Six	-month period	erided Julie 30, 2	022	Ending		
	balance	combination	Increase	Decrease	Depreciation	Others (*1)	balance		
Land and buildings	₩ 2,200,309	₩ 9,523 ₩	₹ 438,650	₩ (69,931)	₩ (305,394)	₩ 8,008	₩ 2,281,165		
Tank	172,618	-	22,240	(36)	(30,887)	1,337	165,272		
Ships	1,234,191	-	245,070	` - ′	(55,274)	77,787	1,501,774		
Vehicles	1,167,310	36,476	202,177	(132,918)	(136,810)	1,431	1,137,666		
Others	259,888		52,296	(17,049)	(44,150)	55,126	306,111		
	₩ 5.034.316	₩ 45.999 ₩	960.433	₩ (219.934)	₩ (572.515)	₩ 143.689	₩ 5.391.988		

- (*1) The amounts include exclusion from the scope of consolidation, net foreign exchange differences and others.
- (3) Changes in lease liabilities for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

		For the six-month period ended June 30, 2023													
		Beginning Business Interest									Ending				
		balance	combi	nation	I	ncrease	ex	penses		Decrease	Tra	ansfer	Ot	hers (*1)	balance
Lease liabilities	₩	5,506,447	₩	33,015	₩	394,659	₩	100,289	₩	(644,752)	₩	$(55,565)^{-1}$	₩	(107,372)	₩ 5,226,721

		For the six-month period ended June 30, 2022								
	Beginning	Beginning Business Interest								
	balance	combination	Increase	expenses	Decrease	Transfer	Others (*1)	balance		
Lease liabilities	₩ 5,054,89	0 ₩ 47,781	₩ 933,745	₩ 63,288	₩ (598,235)	₩ (36,905) ₩	22,239	₩ 5,486,803		

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

The Group recognized lease payments of $\mbox{$W$114,307$}$ million and $\mbox{$W$115,637$}$ million in relation to short-term lease, $\mbox{$W$5,442$}$ million and $\mbox{$W$5,028$}$ million in relation to leases of low-value assets and $\mbox{$W$77,422$}$ million and $\mbox{$W$88,831$}$ million in relation to variable lease payments in cost of sales and selling and administrative expenses during the six-month periods ended June 30, 2023 and 2022. The total cash outflow of leases during the period ended is $\mbox{$W$841,923$}$ million and $\mbox{$W$807,731$}$ million during the six-month periods ended June 30, 2023 and 2022.

12. Investment properties

(1) Details of investment properties as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023	<u>December 31, 2022</u>
Acquisition cost	₩	2,075,757	₩ 2,046,637
Accumulated depreciation			
and accumulated impairment loss		(201,457)	(180,531)
·	₩	1,874,300	₩ 1,866,106

(2) Changes in investment properties for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

		For t	he six	-month period er	nded June 30, 20	023	
	Beginning balance	Acquisitions		Disposals	Depreciation	Others (*1)	Ending balance
Land	₩ 1,121,12	25 ₩ 447	₩	(1,208)	₩ -	₩ 5,596 ₩	1,125,960
Buildings	739,92	22 4,116	i	(16,748)	(15,105)	30,600	742,785
Structures	5,05	560			(63)	(1)	5,555
	₩ 1,866,10	06 ₩ 5,123	₩	(17,956)	₩ (15,168)	₩ 36,195 ₩	1,874,300
		For t	he six	-month period er	nded June 30, 20	022	
	Beginning						Ending
	balance	Acquisitions		Disposals	Depreciation	Others (*1)	balance
Land	₩ 544,58	305,061 ₩	₩	(4,090)	₩ -	₩ 343 ₩	845,898
Buildings	417,54	5 244,012		(1,942)	(9,722)	83,877	733,770
Structures	4,99	95	<u> </u>	<u> </u>	(76)	76	5,004
	₩ 967,12	<u>₩</u> 549,078	₩	(6,032)	₩ (9,798)	<u>₩ 84,296</u> <u>₩</u>	1,584,672

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

13. Goodwill

Changes in goodwill for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

		For the six-month period					
		June 30, 2023	June 30, 2022				
Beginning balance	₩	7,475,558	₩ 5,618,511				
Business combination(see Note 35)		535,543	1,873,999				
Transfer (*1)		(1,181,716)	-				
Others (*2)		117,518	263,591				
Ending balance	W	6,946,903	₩ 7,756,101				

^(*1) As SK Square Co., Ltd., a subsidiary, classified the security business sector as a discontinued operation, it was transferred to assets held for sale.

^(*2) 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 six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	For the six-month period ended June 30, 2023								
	Beginning	Business					Ending		
	balance	combination	Acquisitions	Disposals A	Amortization	Others (*3)	balance		
Development costs	₩ 252,314	₩ -	₩ 18,997	₩ - ₩	(36,549)₩	f 1,131 ³	₩ 235,893		
Facility usage rights	33,351	-	976	(1)	(2,787)	1,153	32,692		
Industrial property rights	194,812	-	8,750	(10)	(5,903)	5,032	202,681		
Frequency usage rights	2,082,434	-	-	-	(240,297)	(1)	1,842,136		
Customer-related assets	2,985,910	-	2,576	(2,523)	(139,620)	(485,997)	2,360,346		
Membership (*1)	353,156	1,152	28,213	(13,237)	-	(6,348)	362,936		
Development costs for petroleum	1,300,661	-	76,117	· -	(41,359)	(1,582)	1,333,837		
resource									
Brand-related assets (*1)	2,681,683	-	-	-	-	(377,513)	2,304,170		
Developed technology	876,564	-	-	-	(90,866)	12,860	798,558		
Others (*2)	1,948,134	3,845	46,368	(1,075)	(299,378)	110,567	1,808,461		
	₩ 12,709,019	₩ 4,997	₩ 181,997	₩ (16,846)₩	(856,759)\ \\\	(740,698)	₩ 11,281,710		
	For the six-month period ended June 30, 2022								
	Beginning	Business		•			Ending		
	balance	combination	Acquisitions	Disposals A	Amortization	Others (*3)	balance		

			FOI THE SIX-IIIO	nun penoa enaec	<u> 1 Julie 30, 2022</u>		
	Beginning	Business		•			Ending
	balance	combination	Acquisitions	Disposals	Amortization	Others (*3)	balance
Development costs	₩ 292,091	1,487	₩ 23,335	₩ (337)₩	₹ (38,106)	₹ 5,289	₩ 283,759
Facility usage rights	51,727	2,239	432	(1)	(3,542)	194	51,049
Industrial property rights	122,489	2,723	10,354	(1,155)	(6,895)	1,004	128,520
Frequency usage rights	2,559,690) -	-	-	(238,390)	-	2,321,300
Customer-related assets	2,915,524		391	(126)	(137,645)	47,709	2,825,853
Membership (*1)	308,690	1,171	32,686	(13,497)	-	2,392	331,442
Development costs for petroleum resource	1,134,207	-	84,246	-	(34,084)	23,408	1,207,777
Brand-related assets (*1)	2,634,144	- ا	-	-	-	2,553	2,636,697
Developed technology	870,417	-	-	-	(79,470)	36,246	827,193
Others (*2)	1,792,911	136,691	64,181	(3,829)	(325,878)	94,930	1,759,006
	₩ 12,681,890	<u>₩ 144,311</u>	₩ 215,625	₩ (18,945) ₩	₹ (864,010) ₹	∀ 213,725	₩ 12,372,596

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

^(*2) This comprises intangible assets recognized through business combination, software, usable and profitable donation assets and others.(*3) This includes exclusion from the scope of consolidation, impairment loss, net translation

^(*3) 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.

15. Bonds and borrowings

(1) Details of bonds and borrowings as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	June 3	30, 2023	December 31, 2022			
	Current	Non-current	Current	Non-current		
Short-term borrowings (*1)	₩ 16,041,188	- ₩	₩ 17,457,297	₩ -		
Bonds and long-term borrowings:						
Bonds	8,660,132	29,914,458	8,119,008	27,743,958		
Long-term borrowings (*1)	3,405,930	18,145,791	3,254,112	17,897,787		
	12,066,062	48,060,249	11,373,120	45,641,745		
	₩ 28,107,250	₩ 48,060,249	₩ 28,830,417	₩ 45,641,745		

- (*1) It includes borrowings collaterized for trade receivables of $\mbox{$\mathbb{W}$}112,794$ million and $\mbox{$\mathbb{W}$}98,947$ million as of June 30, 2023 and December 31, 2022, respectively, which were transferred but not derecognized.
- (2) Details of bonds as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

SK Inc. June 30, 2023 December 31, 2022 SK Innovation Co., Ltd. ₩ 7,135,000 ₩ 6,915,000 SK Energy Co., Ltd. 1,916,400 1,293,650 SK Energy Co., Ltd. 3,280,000 3,310,000
SK Innovation Co., Ltd. 1,916,400 1,293,650 SK Energy Co., Ltd. 3,280,000 3,310,000
SK Energy Co., Ltd. 3,280,000 3,310,000
SK Geo Centric Co., Ltd. 1,880,000 1,810,000
SK Incheon Petrochem Co., Ltd. 1,997,000 2,037,000
SK Enmove Co., Ltd. 1,040,000 920,000
SK Battery America, Inc. 1,312,800 1,267,300
SK On Co., Ltd. 1,881,520 700,000
SK Earthon Co., Ltd. 150,000 150,000
SK Telecom Co., Ltd. 6,553,960 7,005,760
SK Broadband Co., Ltd. 1,847,680 1,380,190
SAPEON Inc. 52,512 -
SK Shieldus Co., Ltd 297,823
SK Networks Co., Ltd. 1,210,000 1,110,000
SK Magic Co., Ltd. 543,000 453,000
SK Rent-a-Car Co., Ltd. 985,000 725,000
SKC Co., Ltd. 188,500 192,400
SK Enpulse Co., Ltd. 10,000 -
SK Telesys Co., Ltd 10,000
SK E&S Co., Ltd. 1,900,000 1,580,000
Paju Energy Service Co., Ltd. 680,000 680,000
Narae Energy Service Co., Ltd. 370,000 370,000
Yeoju Energy Service Co., Ltd. 200,000 200,000
IGE Co., Ltd. 130,000 130,000
SK Ecoplant Co., Ltd. 1,503,000 1,550,000
Topsun Co., Ltd. 4,717 -
SK Oceanplant Co.,Ltd. 50,000 55,000
SK Specialty Co., Ltd. 580,000 460,000
SK Materials Airplus Incorporated. 40,000 100,000
SK Siltron Co., Ltd. 741,000 741,000
Teraon Co., Ltd. 10 10
SK Signet Inc 500
SK RĚIT Co., Ltd. 452,100 429,000
8 Rivers Capital, LLC 4,923 -
38,639,122 35,872,633
Less: discount on bonds payable (64,532) (9,667)
Less: current portion (8,660,132) (8,119,008)
$\frac{1}{29,914,458}$

15. Bonds and borrowings (cont'd)

(3) Details of long-term borrowings as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

Financial institution	Description	Interest rate (%)	June 30, 2023	December 31, 2022
Korea Development Bank and others	General	0.75 ~ 7.90	₩ 7,789,702	₩ 8,256,466
Korea Development Bank and others	Fund for facility	1.50 ~ 7.75	5,938,170	5,811,463
Standard Chartered Bank and others	Foreign borrowings	1.10 ~ 8.00	6,155,625	5,429,201
Korea Energy Agency (*1)	Fund for mine exploration	0.00 ~ 1.80	74,950	75,416
Korea Development Bank and others	Fund for operation	-	-	19,520
Korea Development Bank and others	Takeover	LIBOR(3M) + 1.60	183,792	177,422
Mizuho Bank and others	Takeover	EURIBOR(3M) + 1.55	229,675	217,543
Kentucky Economic Development Finance Authority (*2)	Redeemable loan	-	295,380	285,143
MD Prime 1st Co., Ltd. and others	Others	3MCD + 1.80,		
		4.95	1,007,818	1,007,818
			21,675,112	21,279,992
Less: discount			(123,392)	(128,093)
Less: current portion			(3,405,930)	(3,254,112)
			₩ 18,145,790	<u>₩ 17,897,787</u>

- (*1) As of June 30, 2023 and December 31, 2022, the group holds a loan amounting to \$\pm\$52,713 million and \$\pm\$67,655 million from Korea Energy Agency for the purpose of oil exploration and development in which there is no repayment obligation in case of failure in exploration.
- (*2) The obligation to repay the amount received by the subsidiary BlueOval SK, LLC from the local government will expire when the employment and wage levels required by the period are met.

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

16. Provisions

Changes in the provisions for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	For the six-month period ended June 30, 2023									
	Beginning			Ending					Non-	
	t	palance	_In	crease	_ <u>D</u>	ecrease	balance	Current		urrent
Provision for sale warranties	₩	215,191	₩	114,628	₩	(9,350)₩	₹ 320,469 ₹	₹ 39,223	₩	281,246
Provision for service / construction warranties		95,848		15,925		(10,733)	101,040	101,040		-
Provision for restoration		705,171		69,680		(23,802)	751,049	141,087		609,962
Provision for onerous contracts		282,239		11,721		(62,204)	231,756	190,196		41,560
Other provisions		208,575		218,872		(215,152)	212,295	98,755		113,540
	₩ ′	1,507,024	₩	430,826	₩	(321,241)	¥ 1,616,609	₩ 570,301	₩ 1	,046,308
			F	or the six	-mc	onth period e	ended June 3	0, 2022		
	В	eginning			Ending					Non-
	t	palance	<u>In</u>	crease	D	ecrease	balance	Current		urrent
Provision for sale warranties	₩	131,417	₩	40,851	₩	(5,853)₩	₹ 166,415 \	₩ 34,506	₩	131,909
Provision for service / construction warranties		99,366		7,965		(7,502)	99,829	99,829		-
Provision for restoration		581,157		49,477		(19,994)	610,640	75,028		535,612
Provision for onerous contracts		256,190		7,943		(46,583)	217,550	201,728		15,822
Other provisions		168,371		213,113		(159,707)	221,777	158,191		63,586
	₩ ′	1,236,501	₩	319,349	₩	(239,639) \(\frac{1}{2}\)	¥ 1,316,211	₩ 569,282	₩	746,929

17. Defined benefit liabilities(assets)

(1) Details of defined benefit liabilities as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	Jur	ne 30, 2023	December 31, 2022
Present value of defined benefit obligation	₩	3,409,758 ₩	₹ 3,418,566
Fair value of plan assets		(3,819,229)	(3,908,480)
Defined benefit liability		86,414	170,368
Defined benefit asset (*1)		(495,885)	(660,282)

- (*1) Since the Group has neither an enforceable legal right to use any excess reserves of a plan in the Group for a settlement of defined benefit obligations of another plan nor an intention to settle such obligations likewise, the asset above may not be set off.
- (2) Changes in the defined benefit liabilities for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

are as follows (Norean won in millions):						
	For the six-month	neriod ended June 3	0 2023			
•	For the six-month period ended June 30, 2023 Present value					
	of defined					
	benefit	Fair value of				
	obligation	plan assets	Total			
Beginning balance	₩ 3,418,566		(489,914)			
Business combination	67,840	, , , , , , , , , , , , , , , , , , , ,	(14,664)			
Provision for pension benefits:	07,040	(02,304)	(14,004)			
Current service cost	216,670	_	216,670			
Past service cost	(15,014		(15,014)			
Net interest expense (income)	87,022		(14,377)			
Remeasurement:	0.,022	(101,000)	(,)			
Return on plan assets	_	10,205	10,205			
(excluding amounts included in net interest expenses)		. 5,255	.0,200			
Actuarial changes arising from changes	69,637	-	69,637			
in financial assumptions and others	,		,			
Contributions by employer directly to plan assets	-	(55,722)	(55,722)			
Benefit paid	(221,351		(6,498)			
Transferred to liabilities held for sale	(166,479	40,277	(126,202)			
Others	(47,133		16,408			
Ending balance	₩ 3,409,758	₩ (3,819,229) ₩	(409,471)			
		nth period ended June	30, 2022			
	Present value					
	of defined					
	benefit	Fair value of				
	obligation	plan assets	Total			
Beginning balance	₩ 3,609,349	· · · · /	227,788			
Business combination	22,573	(21,728)	845			
Provision for pension benefits:						
Current service cost	228,708		228,708			
Past service cost	31		31			
Net interest expense (income)	51,118	(48,408)	2,710			
Remeasurement:		24.42=				
Return on plan assets	-	24,105	24,105			
(excluding amounts included in net interest expenses)	(00.000	`	(00.000)			
Actuarial changes arising from changes	(69,828) -	(69,828)			
in financial assumptions and others	40	4 (07.405)	(07.004)			
Contributions by employer directly to plan assets	10	(- ,)	(87,334)			
Benefit paid Others	(188,496		6,516			
Others	68,080		21,435			
Ending balance	₩ 3,721,636	₩ (3,366,660) ₩	354,976			

18. Other assets and liabilities

(1) Details of other assets as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023	December 31, 2022
Current assets:			
Short-term loans	₩	207,019	₩ 132,368
Accrued income		119,765	117,013
Advanced payments		1,804,265	1,295,693
Prepaid expenses		3,001,447	2,788,339
Guarantee deposits		535,414	469,258
Derivative financial assets		386,351	440,126
Lease receivables		26,871	27,745
Other contract assets		98,340	150,887
Others		53,172	168,273
	₩	6,232,644	<u>₩ 5,589,702</u>
Non-current assets:			
Long-term prepaid expenses	₩	1,222,926	₩ 1,228,124
Long-term loans		617,458	408,954
Long-term guarantee deposits		681,459	692,386
Derivative financial assets		1,233,039	1,186,659
Long-term lease receivables		53,010	59,316
Other long-term contract assets		43,874	62,654
Others		110,968	218,440
	₩	3,962,734	₩ 3,856,533

(2) Details of other liabilities as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

(=, =	Jui	ne 30, 2023	Dece	mber 31, 2022
Current liabilities:				
Accrued expenses	₩	4,089,675	₩	4,821,371
Dividends payable		18,939		935
Advances received		2,144,933		2,107,997
Unearned revenue		285,946		139,865
Withholdings		2,017,015		1,859,463
Leasehold deposits received		209,144		167,538
Income tax payable		750,812		1,239,007
Derivative financial liabilities		152,065		208,194
Lease liabilities		1,215,525		1,286,208
Finance guarantee liabilities		7,786		1,508
Financial liabilities at fair value		72,529		57,218
through profit or loss				
Other contract liabilities		261,042		269,543
Others		102,402		126,51 <u>3</u>
	$\overline{\mathbb{W}}$	11,327,813	₩	12,285,360
Non-current liabilities:				
Long-term accrued expenses	₩	9,009	₩	60,537
Long-term unearned revenue		848,888		839,648
Leasehold deposits received		369,646		432,615
Derivative financial liabilities		1,083,737		818,419
Long-term lease liabilities		4,011,196		4,220,239
Financial guarantee liabilities		14,655		23,400
Financial liabilities at fair value		90,959		91,355
through profit or loss				
Other long-term contract liabilities		75,913		75,875
Others (*1)		524,084		<u>454,038</u>
	$\underline{\mathbb{W}}$	7,028,087	₩	7,016,126

^(*1) Includes long-term employee benefit liabilities amounting to $\pm 131,175$ million and $\pm 137,793$ million as of June 30, 2023 and December 31, 2022, respectively.

19. Derivative financial assets and liabilities

Details of derivative financial assets and liabilities as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

	<u>June 30, 2023</u>			023	<u>December 31, 2022</u>			
	(Current Non-current		on-current	Current	No	on-current	
Firm contracts	₩	936	₩	(51,803) ₩	(17,832)	₩	(85,378)	
Swap contracts		277,180		(193,909)	326,765		(187,723)	
Forward contracts		(50,680)		54,462	(66,554)		39,790	
Futures contracts		18,412		-	4,827		-	
Options contracts		(11,562)		340,552	(15,274)		601,551	
	₩	234,286	₩	<u>149,302</u> ₩	231,932	₩	368,240	
Derivative financial assets	₩	386,351	₩	1,233,039 ₩	440,126	₩	1,186,659	
Derivative financial liabilities		(152,065))	(1,083,737)	(208,194)		(818,419)	

20. Equity

(1) Details of share capital as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions, except for number of shares):

		June 30, 2023	December 31, 2022
Number of shares authorized for issue		400,000,000	400,000,000
Per share (Korean won)	₩	200	₩ 200
Number of issued shares:			
Ordinary share		73,198,329	74,149,329
Preferred share		566,135	566,135
Share capital:			
Ordinary share	₩	16,030	₩ 16,030
Preferred share		113	113
	₩	16,143	<u>₩ 16,143</u>

The Company retired 6,000,000 shares of its treasury share (par value: $\mathbb{W}1,200$ million) in 2015 and 951,000 shares of its treasury share (par value: $\mathbb{W}190$ million) in the six-month periods ended June 30, 2023 by reducing retained earnings, which resulted in a difference between total par value of ordinary shares and share capital.

(2) Details of other paid-in capital as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023	<u>December 31, 2022</u>
Additional paid-in capital (*1)	₩	6,609,167	₩ 6,609,167
Treasury shares (*2)		(1,905,497)	(2,009,083)
Others		2,204,290	1,801,828
	₩	6,907,960	₩ 6,401,912

- (*1) During the year ended December 31, 2015, the Company repurchased treasury shares of \$\pm 3,369,395\$ million from merger with the former SK Inc., which was recognized as a contra-equity account on additional paid-in capital.
- (*2) As of June 30, 2023, treasury shares consist of those acquired to increase the enterprise value and to stabilize share price (6,973,149 ordinary shares) and those acquired from repurchase of shares from dissenting shareholders on business combination and shares arising from odd lot shares (11,023,237 ordinary shares and 1,787 preferred shares) during the year 2015.

20. Equity (cont'd)

(3) Details of retained earnings as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023	<u>December 31, 2022</u>
Legal reserve (*1)	₩	8,072	₩ 8,072
Voluntary reserve		62,897	62,897
Unappropriated retained earnings		14,477,271	14,847,644
	₩	14,548,240	₩ 14,918,613

- (*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 share 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 share capital through approval at the general meeting of the shareholders.
- (4) Details of other components of equity as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

		June 30, 2023	December 31, 2022
Net loss on valuation of financial assets	₩	(975,109)	₩ (948,954)
measured at FVOCI			
Equity adjustments arising from investments		165,310	101,980
in equity-accounted investees			
Net gain on valuation of derivative instruments		58,155	61,374
Foreign currency translation differences			
for foreign operations		1,554,75 <u>1</u>	1,044,478
	₩	803,107	<u>₩ 258,878</u>

20. Equity (cont'd)

(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.				
r) or me.	1-2(*1)	1-3	2-1	2-2
Grant date	2017-03-24		2020-03-25	
Type of shares to be issued	Ordinary shares			
Grant method	Reissue of treasury	shares, but if the sto	ck option's exercise p	orice is lower than the
				mpany may settle the
			quivalent to the difference	
Number of shares (shares)	41,430	41,431	142,692	71,346
Exercise price (Korean won)		₩ 263,950	₩ 153,450	₩ 153,450
Contractual life of options	2020.03.25	2021.03.25	2023.03.26	2023.03.26
A7 6 P6	~2023.03.24	~2024.03.24	~2027.03.25	~2027.03.25
Vesting conditions	3 year service from	4 year service from	•	3 year service from
	the grant date	the grant date	the grant date	the grant date
	1(*2, 3)	2(*3)	1(*3)	2(*3)
Grant date	2018-03-29		2020-03-31	
Type of shares to be issued	Ordinary shares			
Grant method	•	•		orice is lower than the
				mpany may settle the
		•	quivalent to the difference	
Number of shares (shares)	18,607	18,607	39,098	19,551
Exercise price (Korean won)		₩ 108,959	₩ 89,204	₩ 89,204
Contractual life of options	2020.03.29	2021.03.29 ~2024.03.28	2023.03.31	2023.03.31 ~2027.03.30
Vesting conditions	~2023.03.28		~2027.03.30	
Vesting conditions	2 year service from the grant date	3 year service from the grant date	2 year service from the grant date	3 year service from the grant date

- (*1) All were extinguished during the six-month period ended June 30, 2023
- (*2) All were exercised during the six-month period ended June 30, 2023
- (*3) The stock options have been transferred from SK Materials Co., Ltd.(formerly).

The Group reversed $\mbox{$W7,652$}$ million of share-option-compensation cost upon the grant of share options above for the six-month period ended June 30, 2023 (accumulated compensation costs for share options: $\mbox{$W($-$)$}15,023$ million), and recognized the contra account to cash-settled share option liability as stock-compensation cost as the fair value of cash-settled liabilities is remeasured at the end of each reporting period. As of June 30, 2023, the amount of liabilities recognized in relation to cash-settled share options is $\mbox{$W9,884$}$ million.

20. Equity (cont'd)

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):

		1-3		2-1		2-2	
Risk-free interest rate		3.56%		3.65%			3.65%
Option life		7 years		7 years			7 years
Expected price (Closing price on the preceding day in Korean won)	₩	148,700	₩	148,700	₩		148,700
Expected volatility		26.80%		26.80%			26.80%
Rate of returns		3.36%		3.36%			3.36%
Exercise price (Korean won)	₩	263,950	₩	153,450	₩		153,450
Fair value per share (Korean won)	₩	89	₩	25,924	₩		25,924
		2		1		2	
Risk-free interest rate		3.56%		3.65%			3.65%
Option life		6 years		7 years			7 years
Expected price (Closing price on the preceding day in Korean won)	₩	148,700	₩	148,700	₩		148,700
Expected volatility		26.80%		26.80%			26.80%
Rate of returns		3.36%		3.36%			3.36%
Exercise price (Korean won)	₩	108,959	₩	89,204	₩		89,204
Fair value per share (Korean won)	₩	40,477	₩	61,017	₩		61,017

Changes in stock option granted by the Company for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won and in shares):

	June 3	0, 202	23	June 30, 2022				
		hted average		Weighted average				
	Quantities	exe	ercise price	Quantities	e	rercise price		
Beginning balance	392,762	₩	160,508	434,191	₩	166,785		
Exercised	(18,607)		(100,884)	(41,429)		(226,290)		
Extinguished	(41,430)		(244,400)	<u> </u>		<u>=</u>		
Ending balance	332,725	₩	153,397	392,762	₩	160,508		

In addition, the Group has entered into a Stock Grant that pays treasury stocks to employees for free apart from the above stock options. In the case of such Stock Grant, there is no requirement for vesting condition, and may not be transferred during the term of the stock. As of June 30, 2023, the recognized stock compensation costs related to the Stock Grant is $\[mathbb{W}\]$ 275 million.

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(reversal) recognized under the share option program are as follows (Korean won in millions):

	<u>Current(reversal)</u>	<u>Accumulated</u>	Remaining	Total
Group of SK Innovation Co., Ltd.	₩ 13,519	₩ 21,052	₩ 69,847	₩ 90,899
Group of SK Telecom Co., Ltd.	857	156,436	2,129	158,565
Group of SK Square Co., Ltd.	15,340	85,950	33,262	119,212
Group of SK Networks Co., Ltd.	(470)	2,436	-	2,436
Group of SKC Co., Ltd.	1,574	6,391	1,024	7,415
Group of SK Ecoplant Co., Ltd.	1,722	5,411	5,788	11,199
Others	1,053	6,655	6,265	12,920
	₩ 33,595	<u>₩ 284,331</u>	<u>₩ 118,315</u>	₩ 402,646

21. Selling and administrative expenses

Details of selling and administrative expenses for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	June 30, 2023				June 3	0, 20	22		
		Three-month	ree-month Six-month			Three-month	Six-month		
Salaries	₩	554,855	₩	1,092,625	₩	459,115	₩	862,332	
Provision for pension benefits		26,618		52,973		31,135		70,431	
Employee welfare benefits		124,292		265,528		91,770		199,531	
Travel		36,193		64,874		25,358		40,269	
Bad debt expenses(reversal)		(38,391)		(20,463)		19,906		37,479	
Communications		3,017		6,113		2,326		4,156	
Utilities		10,099		30,140		9,448		23,863	
Taxes and dues		34,904		81,382		33,899		68,152	
Supplies		11,762		26,204		12,360		25,369	
Rents		51,299		99,961		44,748		83,590	
Depreciation		134,187		266,836		128,635		263,764	
Amortization		93,859		189,507		84,803		167,063	
Repairs		5,615		13,782		5,840		10,966	
Insurance		19,676		38,311		16,912		30,832	
Advertising		169,934		299,450		183,949		329,665	
Research and development		182,898		367,894		160,337		290,465	
Education and examination		14,749		37,316		13,263		30,374	
Outsourcing technology service	s	302,653		510,386		158,295		347,851	
Transport		85,104		170,428		104,256		217,096	
Others		97,317		217,874		69,943		126,373	
	₩	1,920,640	₩	3,811,121	₩	1,656,298	₩	3,229,621	

22. Finance income and costs

Details of finance income and costs for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	June 30, 2023					June 30), 20)22
		Three-month		Six-month	Tł	ree-month		Six-month
Financial income:								
Interest income	₩	207,682	₩	405,159	₩	84,548	₩	156,670
Gain on foreign currency transactions	;	600,401		1,530,390		803,231		1,104,127
Gain on foreign currency translation		110,740		408,943		263,762		409,518
Gain on transactions of derivatives		527,818		941,048		797,059		1,953,628
Gain on valuation of derivatives		(36,770)		234,276		175,672		448,073
Others		50,689		112,106		176,634		225,186
	₩	1,460,560	₩	3,631,922	₩	2,300,906	₩	4,297,202
		June 30), 20	23		June 30), 20)22
		June 30 Three-month), 20	23 Six-month		June 30), 20	022 Six-month
Financial expenses:			<u>20</u>		Tł), 20 	
Financial expenses: Interest expenses	₩		0, 20 ₩		<u></u>			
•		Three-month		Six-month		nree-month		Six-month
Interest expenses		Three-month 768,722	₩	Six-month 1,507,325		<u>17ee-month</u>		Six-month 810,601
Interest expenses Loss on foreign currency transactions		Three-month 768,722 788,940	₩	Six-month 1,507,325 1,764,544		431,945 937,114		Six-month 810,601 1,295,687
Interest expenses Loss on foreign currency transactions Loss on foreign currency translation		768,722 788,940 (36,632)	₩	1,507,325 1,764,544 421,184		431,945 937,114 561,759	₩	810,601 1,295,687 780,776
Interest expenses Loss on foreign currency transactions Loss on foreign currency translation Loss on transactions of derivatives		768,722 788,940 (36,632) 432,754	₩	1,507,325 1,764,544 421,184 822,301		431,945 937,114 561,759 1,106,523	₩	810,601 1,295,687 780,776 2,143,563
Interest expenses Loss on foreign currency transactions Loss on foreign currency translation Loss on transactions of derivatives Loss on valuation of derivatives		768,722 788,940 (36,632) 432,754 (47,896)	₩	1,507,325 1,764,544 421,184 822,301 128,732		431,945 937,114 561,759 1,106,523 (282,029)	₩	810,601 1,295,687 780,776 2,143,563 250,115

23. Other non-operating income and expenses

(1) Details of other non-operating income for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	June 30, 2023					June 30), 20)22
		Three-month		Six-month	T	hree-month		Six-month
Other non-operating income:								
Dividend income	₩	14,219	₩	50,835	₩	10,005	₩	16,587
Rental income		358		1,002		354		674
Gain on disposal of trade receivables		-		-		-		1,043
Gain on disposal of investments in associates and joint ventures		5,826		17,959		13,836		484,079
Gain on disposal of property, plant and equipment		543,312		549,046		69,407		80,103
Gain on disposal of intangible assets		173		756		3,327		82,540
Others		115,145		295,934		133,002		388,935
	₩	679,033	₩	915,532	₩	229,931	₩	1,053,961

(2) Details of other non-operating expenses for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	June 30), 2023	June 30, 2022			
	Three-month	Six-month	Three-month	Six-month		
Other non-operating expenses:						
Loss on disposal of trade receivables \mathbb{W}	23,766	₩ 58,795	₩ 9,564	₩ 15,728		
Loss on impairment of investments in associates	193,162	194,495	-	-		
Loss on disposal of property, plant and equipment	9,159	13,465	9,167	16,290		
Loss on impairment of property, plant and equipment	1,429	15,051	4,159	5,187		
Loss on disposal of intangible assets	962	1,331	491	1,243		
Loss on impairment of intangible assets	22,272	23,384	-	-		
Donations	30,796	48,878	25,245	36,762		
Others	144,396	221,805	23,334	98,464		
<u>₩</u>	425,942	₩ 577,204	<u>₩ 71,960</u>	₩ 173,674		

24. The Classification of expenses by nature

Details of the classification of expenses by nature for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

		June 30, 2023			June 30, 2022			
		Three-month		Six-month	T	hree-month		Six-month
Employee benefits	₩	2,302,934	₩	4,548,760	₩	2,348,618	₩	4,339,060
Depreciation and amortization		2,246,918		4,415,429		2,232,713		4,306,789
Network connection		173,639		352,382		157,919		379,699
Transport		209,112		498,089		281,015		574,617
Advertising		175,428		305,526		184,943		335,121
Lease payments and rents		123,581		258,141		138,585		270,182
Others		5,383,311		10,697,452		6,310,347		11,051,985
Use of raw materials and purchase of finished goods and merchandise		21,103,056		42,175,855		18,732,401		37,472,835
Changes in finished goods and								
semi-finished good		(322,854)		(284,338)		(1,355,441)		(2,660,613)
	$\underline{\mathbb{W}}$	31,395,125	₩	62,967,296	₩	29,031,100	₩	56,069,675

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 rates for continuing operations for the six-month periods ended June 30, 2023 was not calculated due to pre-tax losses, and 2022 is 29.15%.

26. Earnings (losses) per share

(1) Basic earnings per share for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

		June 30, 2023				June 30, 2022				
		Three-month		Six-month		Three-month		Six-month		
Profit(loss) for the period attributable to owners of the Parent Company	₩	(141,393)	₩	(18,817)	₩	797,929	₩	2,020,658		
Less: preferred share dividends		(1,346)		(1,848)		(1,771)		(2,695)		
Profit for the period attributable to ordinary share owners of the Parent Com	pany	(142,739)		(20,665)		796,158		2,017,963		
Weighted-average number of ordinary share outstanding (*1)		56,111,141		55,650,423		56,134,549		56,113,388		
Basic earnings(losses) per share (In Korean won)	₩	(2,544)	₩	(371)	₩	14,183	₩	35,962		

(*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 sixmonth periods ended June 30, 2023 and 2022 are as follows:

	June 30, 2	2023	June 30, 2022			
	Three-month	Six-month	Three-month	Six-month		
Weighted-average number of shares outstanding	74,149,329	74,149,329	74,149,329	74,149,329		
Weighted-average number of treasury shares	(18,038,188)	(18,498,906)	(18,014,780)	(18,035,941)		
Weighted-average number of issued shares outstanding	56,111,141	55,650,423	56,134,549	56,113,388		

Diluted earnings per share for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions, except per share and weighted-average number of ordinary shares outstanding):

		June 30, 2023				June 30, 2022			
		Three-month		Six-month		Three-month		Six-month	
Profit(loss) for the period attributable to	₩	(142,739)	₩	(20,665)	₩	796,158	₩	2,017,963	
ordinary share owners of the Parent Com	pany								
Weighted-average number of									
diluted ordinary share outstanding		56,162,072		55,717,199		56,244,280		56,219,558	
Diluted earnings(losses) per share									
(In Korean won) (*1)	₩	(2,544)	₩	(371)	₩	14,155	₩	35,894	

(*1) During the period ended June 30, 2023, the loss per diluted share is the same as the underlying loss per share due to loss occured and there is no dilution effect of the potential ordinary shares.

26 Earnings (losses) per share (cont'd)

The basis of calculating the weighted-average number of diluted ordinary shares for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows:

	June 30,	2023	June 30, 2022			
	Three-month	Six-month	Three-month	Six-month		
Weighted-average number of shares outstanding	56,111,141	55,650,423	56,134,549	56,113,388		
Effect of exercise of stock option	50,931	66,776	109,731	106,170		
Weighted-average number of						
diluted ordinary shares outstanding	56,162,072	55,717,199	56,244,280	56,219,558		

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

Basic earnings per share from continuing operations for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions, except basic earnings per share and weighted-average number of ordinary shares outstanding):

		June 30, 2023				June 30, 2022				
		Three-month		Six-month		Three-month	Six-month			
Profit(loss) for the period attributable to owners of the Parent Company	₩	(142,739)	₩	(20,665)	₩	796,158	₩	2,017,963		
Less: profit (loss) from discontinued operations		761		15,293		(19,562)		296,065		
Profit for the period from continuing operations attributable to ordinary share owners of the Parent Company		(143,500)		(35,958)		815,720		1,721,898		
Weighted-average number of ordinary shares outstanding Basic earnings(losses) per share from		56,111,141		55,650,423		56,134,549		56,113,388		
continuing operations (In Korean won)	₩	(2,557)	₩	(646)	₩	14,531	₩	30,686		

Diluted earnings per share from continuing operations for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions, except basic earnings per share and weighted-average number of ordinary shares outstanding):

	June 30, 2023				June 30, 2022			
		Three-month	ee-month Six-month			Three-month		Six-month
Profit(loss) for the period from continuing operations attributable to owners of the Parent Company Weighted-average number of	₩	(143,500)	₩	(35,958)	₩	815,720	₩	1,721,898
diluted ordinary shares outstanding Diluted earnings(losses) per share from		56,162,072	-	55,717,199		56,244,280		56,219,558
continuing operations (In Korean won) (*1)	₩	(2,557)	₩	(646)	₩	14,503	₩	30,628

(*1) During the period ended June 30, 2023, the continued operating loss per diluted share is the same as the underlying continued operating loss per share due to continued operating loss occured and there is no dilution effect of the potential ordinary shares.

(3) Basic earnings (losses) per share from discontinued operations

Basic earnings (losses) per share from discontinued operations for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions, except basic earnings (losses) per share and weighted-average number of ordinary shares outstanding):

		June 30), 202	.3	June 30, 2022			
		Three-month		Six-month		Three-month	Six-month	
Profit(loss) from discontinued operations								
attributable to share owners of the Parent Company	₩	761	₩	15,293	₩	(19,562) \(\frac{1}{2}\)	₩ 296,065	
Weighted-average number of								
ordinary shares outstanding		56,111,141		55,650,423		56,134,549	56,113,388	
Basic earnings (losses) per share from								
discontinued operations (In Korean won)	₩	14	₩	275	₩	(348) 1	₩ 5,276	

26 Earnings (losses) per share (cont'd)

Diluted earnings (losses) per share from discontinued operations for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions, except basic earnings (losses) per share and weighted-average number of ordinary shares outstanding):

_	June 30	0, 202	23	June 30, 2022			
_	Three-month		Six-month		Three-month	Six-month	
Profit(loss) from discontinued operations							
attributable to share owners of the Parent Company	₩ 761	₩	15,293	₩	(19,562) ₩	₹ 296,065	
Weighted-average number of							
diluted ordinary shares outstanding	56,162,072		55,717,199		56,244,280	56,219,558	
Diluted earnings (losses) per share from							
discontinued operations (In Korean won) (*1) ½	∛ 14	₩	274	₩	(348) ₩	₹ 5,266	

^(*1) As there is no dilution effect on stock options for the three months preceding the six-month period ended June 30, 2022, diluted earnings (losses) per share from discontinued operations is the same as basic earnings (losses) per share from discontinued operations.

27. Transactions with related parties

Balances on transactions arising from intercompany transactions within the Group were eliminated in preparing the condensed consolidated interim financial statements as of and for the six-month periods ended June 30, 2023 and 2022.

(1) Details of significant transactions with the related parties for the three-month and six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

				June 3	80, 20	23		
			Sales ar	nd others		Expenses	and o	others
	Company name	Thre	ee-month	Six-month	Th	ree-month	Six	x-month_
Other	Daehan Oil Pipeline Corporation	₩	522	₩ 16,114	₩	17,603	₩	35,130
related	SABIC SK Nexlene Company Pte. Ltd.		207	381		80,303		147,811
parties	Korea Nexlene Company		48,397	102,609		2		70
·	Best Oil Company Limited		306,437	735,590		3		3
	Sinopec-SK(Wuhan) Petrochemical Co., Ltd.		312	621		164,608		330,524
	Baic Eletronics SK(Jiangsu) Technology Co., Ltd.		11,006	22,340		330,112		511,702
	ChangZhou BTR New Material Technology Co., Ltd.		202,151	370,741		241,139		452,292
	Xinglu (HongKong) Ltd.		80,184	128,237		-		-
	Huizhou EVE United Energy Co., Ltd.		25,469	44,436		357,992		837,257
	Peru LNG Company LLC		57,758	186,104		-		-
	Asia Bitumen Trading Pte. Ltd.		6,675	6,675		(15)		13,876
	Ignis Therapeutics		5,696	5,696		-		-
	F&U Credit Information Co., Ltd.		849	1,660		13,872		26,638
	SK Hynix Inc.		520,978	1,176,877		54,243		64,437
	SK Hynix Semiconductor (China) Ltd.		48,103	112,576		316		538
	SK Hynix Semiconductor (Chongqing) Ltd.		5,496	11,236		-		-
	SK Hynix Semiconductor HK Ltd.		2	4		192,528		324,740
	SK Hynix System IC Co., Ltd.		1,232	2,416		-		-
	Happynarae Co., Ltd.		3,387	5,987		97,007		164,301
	SKC Evonik Peroxide Korea Co., Ltd.		55	1,157		8,862		9,078
	Boryeong LNG Terminal Co., Ltd.		61	10,061		26,784		62,198
	Darwin LNG Pty Ltd.		143,193	169,545		-		-
	Eurasia Tunnel		943	1,811		-		-
	Xe-Pian Xe-Namnoy Power Company		1,102	1,630		-		-
	Bloom SK Fuel Cell, LLC		442	647		-		1,069
	Yongin Ilban Industry Danji Co., Ltd.		56,210	84,341		-		-
	Godeok Clean Energy Co., Ltd.		35,030	76,601		-		-
	Chuncheon Green Energy Inc.		5,110	13,865		-		-
	Others		169,864	403,124		144,471		234,343
Others (*1)	SK D&D Co., Ltd.		1,341	2,649		232		699
	Ulsan Aromatics Co., Ltd.		29,254			24,282		57,598
	SK Chemicals Co., Ltd.		10,529			2,439		5,772
	SK Gas Co., Ltd.		97,465			62,820		208,832
	Ubins Co., Ltd.		212			22,367		33,989
	Others		22,509	40,067		32,898		80,159
		₩	1,898,181	₩ 3,958,258	₩	1,874,868	₩	3,603,056

^(*1) Although, not designated as related parties as defined in K-IFRS No. 1024, the entity belongs to the same conglomerate affiliates under *Monopoly Regulation and Fair Trade Act*.

27. Transactions with related parties (cont'd)

		June 30, 2022								
		Sales and o	others	Expenses	and others					
	Company name	Three-month	Six-month	Three-month	Six-month					
Other	Daehan Oil Pipeline Corporation	₩ 478 ₩	10,351	₩ 15,329	₩ 33,015					
related	SABIC SK Nexlene Company Pte. Ltd.	304	440	79,436	152,702					
parties	Korea Nexlene Company	69,910	129,453	2	68					
	Best Oil Company Limited	275,242	585,250	1	32					
	Sinopec-SK(Wuhan) Petrochemical Co., Ltd.	63,725	64,016	181,774	404,258					
	Baic Eletronics SK(Jiangsu) Technology Co., Ltd.	13,795	28,065	143,218	223,834					
	Xinglu (HongKong) Ltd.	54,154	102,771	-	-					
	Huizhou EVE United Energy Co., Ltd.	43,389	71,908	259,606	403,668					
	Peru LNG Company LLC	163,580	353,384	-	-					
	Asia Bitumen Trading Pte. Ltd.	-	7,504	15,424	20,549					
	Ignis Therapeutics	1,790	4,295	-	-					
	F&U Credit Information Co., Ltd.	862	1,842	12,930	25,532					
	SK Hynix Inc.	1,118,299	2,122,984	10,258	22,730					
	SK Hynix Semiconductor (China) Ltd.	124,067	222,010	307	639					
	SK Hynix Semiconductor (Chongqing) Ltd.	10,445	19,572	-	-					
	SK Hynix Semiconductor HK Ltd.	-	1	137,018	318,800					
	SK Hynix System IC Co., Ltd.	5,033	10,432	-	-					
	Happynarae Co., Ltd.	4,265	7,363	125,936	188,814					
	SKC Evonik Peroxide Korea Co., Ltd.	5	1,113	14,566	31,508					
	Boryeong LNG Terminal Co., Ltd.	1,759	52,069	42,921	109,709					
	Darwin LNG Pty Ltd.	140,754	232,694	-	-					
	Eurasia Tunnel	674	1,424	-	-					
	Xe-Pian Xe-Namnoy Power Company	11,965	12,401	-	-					
	Daewon Green Energy Co., Ltd.	13,665	15,767	-	-					
	Bloom SK Fuel Cell, LLC	-	-	6,121	12,765					
	Yongin Ilban Industry Danji Co., Ltd.	1,822	8,667	-	-					
	Godeok Clean Energy Co., Ltd.	438	2,620	-	-					
	Chuncheon Green Energy Inc.	-	3	-	-					
	Others	223,166	343,016	890,255	1,063,962					
Others (*1)	SK D&D Co., Ltd.	1,133	2,127	212	490					
	Ulsan Aromatics Co., Ltd.	21,763	42,962	18,908	46,612					
	SK Chemicals Co., Ltd.	17,521	41,509	4,179	7,784					
	SK Gas Co., Ltd.	105,819	156,120	65,447	200,844					
	Ubins Co., Ltd.	279	415	17,515	33,012					
	Others	7,192	44,002	2,750	33,529					
		₩ 2,497,293 ₩	4,698,550	₩ 2,044,113	₩ 3,334,856					

^(*1) Although, not designated as related parties as defined in K-IFRS No. 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 June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

			June 30	0, 2023	December 31, 2022			
		Re	eceivables		Receivable			
	Company name		(*1)	Payables	(*1)		Payables	
Other	Daehan Oil Pipeline Corporation	₩	201		₩ 1	10	₩ 10,029	
related	SABIC SK Nexlene Company Pte. Ltd.		849	44,231	3	48	46,818	
parties	Korea Nexlene Company		16,329	249	26,3	61	268	
·	Best Oil Company Limited		148,744	15,115	•		49,856	
	Sinopec-SK(Wuhan) Petrochemical Co., Ltd.		319	7,757	•	_	8,042	
	Baic Electronics SK(Jiangsu) Technology Co., Ltd.		14,307	329,461	18,8	58	146,986	
	ChangZhou BTR New Material Technology Co., Ltd.		138,724	185,744	86,5	63	229,826	
	Yemen LNG Company Ltd.		84,080	-	71,8		-	
	Xinglu (HongKong) Ltd.		79,699	-	38,1		-	
	Huizhou EVE United Energy Co., Ltd.		42,060	359,250			408,582	
	Peru LNG Company LLC			-	8,5		· -	
	Asia Bitumen Trading Pte. Ltd.		6,681	-	•	_	_	
	Ignis Therapeutics		-	21,452		12	33,142	
	Korea Consortium Kazakh B.V. (*2)		123,495	-	119,2	15	-	
	F&U Credit Information Co., Ltd.		36	4,434		81	5,682	
	Wave City Development Co., Ltd.		2,355	-	2,3	55	· -	
	SK Hynix Inc.		488,168	184,531	1,781,9		84,075	
	SK Hynix Semiconductor (China) Ltd.		25,547	634			280	
	SK Hynix Semiconductor (Chongqing) Ltd.		3,228	70	3,6		30	
	SK Hynix Semiconductor HK Ltd.		2	80,691	•	2	30,587	
	SK Hynix System IC Co., Ltd.		502	-	1	81	13	
	Happynarae Co., Ltd.		1,048	33,987	12,4	20	61,828	
	SKC Evonik Peroxide Korea Co., Ltd.		2	1,471	•	2	4,450	
	Boryeong LNG Terminal Co., Ltd.		11	-	4,1	39	15	
	Darwin LNG Pty Ltd.		31,251	-	42,8	02	_	
	Eurasia Tunnel		30,437	-	28,7		-	
	Xe-Pian Xe-Namnoy Power Company		98,129	-	95,8		-	
	Yongin Ilban Industry Danji Co., Ltd.		1,100	151,411			188,573	
	Bloom SK Fuel Cell, LLC		2,135	-		-	5,317	
	SK E&C JURONG Investment Singapore		74,375	-	74,3	75	-	
	Pte. Ltd.			40.000			20.422	
	Godeok Clean Energy Co., Ltd.		-	10,298		-	62,136	
	Chuncheon Green Energy Inc.		2		.=0	2	-	
	Others		201,518			11	416,679	
Others (*3)	SK D&D Co., Ltd.		317	519		-		
	Ulsan Aromatics Co., Ltd.			27		-	13,435	
	SK Chemicals Co., Ltd.		4,478		5,0		872	
	SK Gas Co., Ltd.		52,305	152,778	•		244,960	
	Ubins Co., Ltd.		41	9,528		26	21,190	
	Others		16,157	17,675			20,640	
		₩	1,688,632	<u>₩ 1,779,731</u>	₩ 2,883,0	98	₩ 2,094,311	

- (*1) The Group recognized bad debt expense amounting to ₩971 million for the six-month period ended June 30, 2023 and ₩452 million for the six-month period ended June 30, 2022. The Group recognized the allowance for doubtful accounts amounting to ₩262,288 million and ₩261,317 million as of June 30, 2023 and December 31, 2022, respectively.
- (*2) As of June 30, 2023 and 2022, the Group recognized loss allowances in full amount of corresponding receivables.
- (*3) Although, not designated as related parties as defined in K-IFRS No. 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 financial transactions with related-parties for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	_	June 30, 2023		June 30,	2022
Company	Currency	Loans	Collection	Loans	Collection
Yemen LNG Company Ltd.	KRW	9,475	-	3,647	-
Xe-Pian Xe-Namnoy Power Company	KRW	-	-	11,990	-
Bloom SK Fuel Cell, LLC	KRW	2,000	-	-	-
Gray Whale Offshore Wind Power No.1 Co., Ltd.	KRW	1,270	-	-	-
Gray Whale Offshore Wind Power No.2 Co., Ltd.	KRW	1,168	-	-	-
Gray Whale Offshore Wind Power No.3 Co., Ltd.	KRW	2,559	-	-	-
Komundo Offshore Wind Power Co., Ltd.	KRW	900	-	-	-
Maenggoldo Offshore Wind Power Co., Ltd.	KRW	1,050	-	-	-
KC MT Co., Ltd.	KRW	4,212	-	-	-

- (4) There were additional capital contribution transactions for investments in associates and joint ventures for the six-month periods ended June 30, 2023 and 2022 (see Note 9).
- (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 sixmonth periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	-	June :	30, 202	23	June 30, 2022			
	Thre	e-month	S	ix-month	Thre	e-month		Six-month
Salaries	₩	4,548	₩	8,840	₩	6,261	₩	10,430
Provision for pension benefits		1,154		2,236		741		8,441
Share compensation expense		(5,348)		(7,377)		2,356		2,889
	₩	354	₩	3,699	₩	9,358	₩	21,760

28. Discontinued operations

(1) Details of discontinued operations

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.

SKC Co., Ltd., a subsidiary of the Group, sold EVA and Back Sheet solar power business and PVDF business for construction before the prior period. In addition, SK Telesys Co., Ltd. and SKC Infra Services Co., Ltd. were sold in accordance with the board's decision on June 24, 2021 for the purpose of concentrating on their core businesses through reorganization of the business structure. Furthermore, in accordance with the decision of the Board of Directors made on June 8, 2022, the entity split its industry material business division as of November 1, 2022, and sold it as of December 2, 2022, and sold Beijing SKpucore Inc. as of October 21, 2022.

SK Ecoplant Co., Ltd., a subsidiary of the Group, spin off the K-Solutions Business Group, P-Solutions Business Group, Gas&Power Business Group, Battery Business Group, and Industrial Business Group on February 1, 2022 in accordance with the board's resolution on October 28, 2021. After the merger in SK ecoengineering Co., Ltd., 50.0003% of stake therein was sold to Ecoenergy Holdings Ltd. on February 15, 2022 and excluded from the consolidation scope.

SK Square Co., Ltd., a subsidiary of the Group, classified the security business division of the consolidated entity as a discontinued operation with the decision to sell all of its common shares held by SK Shielders Co., Ltd. during the six-month period ended June 30, 2023.

28. Discontinued operations (cont'd)

(2) Gain and loss from the discontinued operation for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

			Fo	or the six-n	nonth pe	riod e	nded June 30). 20:	23
		Resource busines and other SK Netwo Co., Ltd	ce ss s in orks	Indus mater busine SKC Co	trial ials ss in	ŀ	Seurity ousiness in SK Square Co., Ltd.	·, — ·	Total
Revenue		₩	2.729	₩	,, <u>Ltu.</u>	₩	887,892	₩	890,621
Expenses			12,083	**	7,742	* *	845,827	* *	865,652
Profit (loss) before income tax expense			(9,354)		(7,742)		42,065		24,969
Income tax benefit			(1,732)		_		(30,886)	(32,618)
Profit (loss) for the perio	d		(7.622)	₩	(7.742)	₩	72.951	₩	57,587
from discontinued operations Attributable to:			,		,		,		
Owners of the Parent Co	ompa	nv ₩	(3,507)	₩	(3,504)	₩	22,304	₩	15,293
Non-controlling interests		-	(4,115)		(4,238)		50,647		42,294
			(., ,		(1,200)		00,011		,
			F	or the six-mo	nth period e	nded J	une 30, 2022		
		Resource business and others in SK Networks Co., Ltd.	ma Bus	dustrial aterials iness in Co., Ltd.	SK Ecopla Ltd. K-soli Business (ution	Security business in SK Square Co., Ltd.		Total
Revenue	₩	25,708		678,721		31,521	₩ 834,9	35 ₩	
Expenses		22,241		659,036	26	37,726	813,2	12	1,762,215
Profit before		3,467		19,685	79	93,795	21,7	23	838,670
Income tax expense Income tax expense (benefit)		2,239		(1,756)	16	61,800	5,6	<u> 40</u>	167,923
Profit for the period	₩	1,228	₩	21,441	₩ 63	31,995	₩ 16,0	83 ₩	670,747
from discontinued operations Attributable to:				_		_			_
Owners of the Parent Compa	any ₩			-,		81,405	₩ 4,9		,
Non-controlling interests		683		12,243	35	50,590	11,1	36	374,682

(3) Details of cash flows relating to discontinued operations for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

				For the six-r	nonth pe	riod ended Ju	ne 30, 2023		
	8,74		Industrial in materials s business in		busines n SK Squ		ness [°] in Square		Total
Cash flows from operating activities Cash flows from investing activities Cash flows from financing activities Foreign exchange effects			525 -		(121) ₩ (7,620) - - - nth period ended Jun		101,548 W (148,741) (14,389) 420		93,989 (147,614) (13,864) 420
	bus and c SK N	ource iness thers in etworks , Ltd.		Industrial materials Business in SKC Co., Ltd.	SK Ec	coplant co., K-solution ess Group, etc	Securit business SK Squa Co., Ltd	s in are	Total
Cash flows from operating activities Cash flows from investing activities Cash flows from financing activities Foreign exchange effects	₩	12,933 1,986 1,172	₩	20,794 (21,465) 26,482	₩	(82,652) 3 444,905 (78)	(8	7,071 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	58,146 336,467 (15,486) 361

29. Assets and liabilities held for sale

Details of assets and liabilities held for sale as of June 30, 2023 are as follows (Korean won in millions):

		June 30, 2023		
			Assets	Liabilities
Investment securities	ESR Cayman Limited (*1)	₩	220,624 ₩	-
	Digital Content Korea Investment Association, and others		4,385	-
Business segment	China business segment (*2)		73,940	13,149
	Resources business segment (*2)		32,789	4,130
	Security business segment (*3)		3,412,387	2,976,544
Associates	Daekyo Confident Content Korea Investment Association, and others		1,062	-
	NanoEntek Inc. (*4)		69,922	5,600
Intangible assets	Brand and others (*5)		8,617	
-	、 ,	₩	3,823,726 ₩	2,999,423

- (*1) The Group decided to sell ESR Cayman Limited and 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. Some of the shares were sold before the year ended December 31, 2022, and the remaining shares are also being reviewed for sale.
- (*2) SK Networks Co., Ltd., a subsidiary, decided to sell the China and resource business segment. 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 Square Co., Ltd., a subsidiary plans to acquire 47,903,598 shares (63.1% stake) of Korea Security holdings(tentative name) that will be established by transferring entire stake of common shares in SK Shieldus Co., Ltd. according to the comprehensive transfer process by Commercial law, and made contract to sell 21,870,273 shares (28.8% stake) to Soteria Bidco SCSp. For this reason, the Group classified assets and liabilities held by SK Shieldus Co., Ltd as held-for-sale assets and liabilities.
- (*4) SK Square Co., Ltd., a subsidiary, decided to sell NanoEntek Inc. owned by SK Square Co., Ltd. to secure new investment funds, and all shares of the related company were reclassified as non-current assets to be sold. Meanwhile, there has been a change in the sales account since the end of the reporting period, and it will be disposed of on September 8, 2023 under the change contract.
- (*5) During the period ended June 30, 2023, SK Innovation Co., Ltd., a subsidiary, signed a contract to sell PVDC technology and plans to complete the sale within 2023. The assets to be sold were measured at the smaller of the net fair value and carrying amount after deducting the incidental cost of the sale from the fair value.

30. Cash flow information

(1) Details of non-cash adjustments for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	For the six-month period ended					
		June 30, 2023 June 30, 2022				
Provision for pension benefits	₩	187,279	₩	231,449		
Depreciation		3,573,838		3,460,766		
Amortization		856,759		864,010		
Bad debt expenses (reversal)		(17,703)		39,177		
Reversal of valuation loss on inventories		(257,640)		(7,926)		
Interest expenses		1,554,686		859,017		
Loss on foreign currency translation		421,265		787,232		
Loss on valuation of derivatives		128,732		251,270		
Loss on disposal of trade receivables		58,795		15,815		
Loss on impairment of investments in associates and joint ventures		194,495		-		
Loss on disposal of property, plant and equipment		22,828		23,840		
Loss on impairment of property, plant and equipment		15,051		5,187		
Loss on disposal of intangible assets		1,576		1,383		
Loss on impairment of intangible assets		23,384		-		
Tax expense (income)		(54,175)		2,208,092		
Share of profit of equity-accounted investees, net		1,191,714		(1,037,529)		
Interest income		(407,726)		(158,549)		
Gain on foreign currency translation		(409,171)		(413,061)		
Gain on valuation of derivatives		(234,276)		(452,368)		
Dividend income		(50,835)		(18,939)		
Gain on disposal of trade receivables		-		(1,043)		
Gain on disposal of investments in associates and joint ventures		(17,959)		(484,079)		
Gain on disposal of property, plant and equipment		(552,551)		(80,167)		
Gain on disposal of intangible assets		(800)		(82,540)		
Gain on disposal of assets held for sale		-		(785,828)		
Others		333,741		911,876		
	₩	6,561,307	₩	6,137,085		

(2) Details of working capital adjustments for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

	For the six-month period ended						
		June 30, 2023	Jui	ne 30, 2022			
Inventories	₩	1,005,372	₩	(6,235,017)			
Trade receivables		1,792,387		(1,557,537)			
Other receivables		899,117		(157,184)			
Trade payables		(754,728)		5,128,030			
Other payables		(759,752)		(1,000,294)			
Advances received		(238,488)		52,299			
Retirement benefits		(268,484)		(120,416)			
Plan assets		222,672		60,932			
Others		<u>(922,751</u>)		(536, 106)			
	₩	975,345	₩	(4,365,293)			

(3) Significant non-cash transactions for the six-month periods ended June 30, 2023 and 2022 are as follows (Korean won in millions):

		For the six-month period ended				
	June 30, 2023 June 30, 20					
Decrease in other payables due to	₩	(666,146) ₩	(49,709)			
acquisition of property, plant and equipment and others						

31. Commitments and contingencies

(1) Guarantees provided for the Group as of June 30, 2023 are as follows (Korean won in millions and foreign currencies in thousands):

Guarantee	Guarantor	Currency	Amount	Description of guarantee
SK Inc.	Korea Software Financial	KRW		Performance guarantees for contract and others
	Corporation		,	ÿ
	Seoul Guarantee Insurance	KRW	17,980	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	785	Performance guarantees for contract
SK Planet Co., Ltd.	Seoul Guarantee Insurance	KRW	12,434	Performance guarantees for contract and others
	KEB Hana Bank	KRW	3,000	Performance guarantees and others
SK Broadband Co., Ltd.	Seoul Guarantee Insurance	KRW		Guarantee of warranties contract
Service Top Co., Ltd.	Seoul Guarantee Insurance	KRW	9	Payment of debt for the return of assistive engineering
				equipment (support fund) for the disabled
SK Square Co., Ltd.	KEB Hana Bank	USD		Guarantee of foreign currencies
Tmap Mobility Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees and others
SK Shieldus Co., Ltd.	Korea Software Financial	KRW	136,202	Guarantee of bid payment and others
SK M8 Samina Co. Ltd	Cooperative Seoul Guarantee Insurance	KRW	172 272	Performance guarantees and others
SK M&Service Co., Ltd.	Shinhan Bank	KRW		Performance guarantees and others Guarantee for payment of Korean won
PS&Marketing Corp.	Seoul Guarantee Insurance	KRW		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
One store co., Etc.	KEB Hana Bank	KRW		Guarantees for prepayment method
	NEB Hana Bank		100	and payment of Korean won
Home&Service Co., Ltd.	Seoul Guarantee Insurance	KRW	8.547	Specific debt guarantee
SK Stoa Co., Ltd.	Kookmin Bank	KRW		Performance guarantees and others
11 street Co., Ltd.	KEB Hana Bank	KRW		Performance guarantees and others
•	Seoul Guarantee Insurance	KRW	20,416	Guarantee of deposit on lease and others
FSK L&S Co., Ltd.	Seoul Guarantee Insurance	KRW	13,490	Performance guarantees for contract and others
SK O&S Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees for contract
SK Networks Co., Ltd.	KEB Hana Bank	KRW		Guarantee of payment for goods
	Seoul Guarantee Insurance	KRW		Performance guarantees for contract
SK Networks Service	Seoul Guarantee Insurance	KRW		Performance guarantees for sales contract
Co., Ltd.	KEB Hana Bank	KRW		Performance guarantees for contract
SK Magic Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees for contract
0// 1 0 1 0 111	Machinery Financial Cooperative	KRW		Performance insurances for warranties and others
SK Magic Service Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance insurances for warranties and others
SK Rent-a-Car Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees for contract
SK E&S Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees for contract and others Guarantee of debt
	Kookmin Bank Shinhan Bank	USD KRW	,	Guarantee of debt
	Sililiai baik	USD	,	Guarantee of debt
	BNP Paribas	USD		PPA Bid Guarantee
Yeongnam Energy Service	Seoul Guarantee Insurance	KRW		Guarantee of warranties and approval
Co., Ltd.			.,00 .	Caaramee of Hamanase and approval
Chonnam Energy Service	Seoul Guarantee Insurance	KRW	299	Guarantee of warranties and payment
Co., Ltd.				1 7
Busan City Gas Co., Ltd.	Seoul Guarantee Insurance	KRW	8,068	Guarantee of seizure contract and others
Kangwon City Gas Co., Ltd.	Seoul Guarantee Insurance	KRW	1,202	Guarantee of performance and approval
Jeonbuk Energy Service	Seoul Guarantee Insurance	KRW	344	Performance guarantees and warranties
Co., Ltd.				
Chungcheong Energy	Seoul Guarantee Insurance	KRW	2,666	Performance insurances for warranties and others
Service Co., Ltd.				
Ko-one Energy Service	Seoul Guarantee Insurance	KRW	1,775	Performance guarantees for contract
Co., Ltd.		145144	440	5.6
Paju Energy Service	Seoul Guarantee Insurance	KRW	442	Performance guarantees for approval and others
Co., Ltd.	CI Ct I	KDW	4.044	Output of linear to the material and the
Narae Energy Service	Seoul Guarantee Insurance	KRW	4,014	Guarantee of license to use national property and others
Co., Ltd. Yeoju Energy Service	Seoul Guarantee Insurance	KRW	4 532	Performance guarantees for deposit on approval
Co., Ltd.	Seoul Guarantee insurance	KKVV	4,552	and others
Dangjin Haengbok Solar	Seoul Guarantee Insurance	KRW	3 211	Guarantee of payment of facility restoration
Co., Ltd.	Seoul Guarantee Insurance	IXIXVV	5,211	and relocation work expenses
Shinanjeungdo Sunlight	Seoul Guarantee Insurance	KRW	25	Permission for development activities and approval
Co., Ltd.	Social Guarantee Insulance	IXIXVV	25	for implementation of urban planning facility projects
Prism Energy International.	KEB Hana Bank Beijing Branch	CNY	34 460	Guarantee of Terminal fee
Zhoushan Limited	Sa Boijing Branon	J. 1 1	31,100	
BU12 Australia Pty. Ltd.	ANZ Bank	USD	318,476	BU gas field restoration costs
BU13 Australia Pty. Ltd.			-,	•
SK E&S Australia Pty. Ltd.		USD	219	Guarantee of deposit on office lease
-				

		_		
Guarantee	Guarantor	Currency	Amount	Description of guarantee
SK Ecoplant Co., Ltd.	HSBC and others	USD	352,313	Performance guarantees for overseas construction and others
		KWD	67,665	Performance guarantees
		QAR	89,529	for overseas construction and others Performance guarantees
		TDV		for overseas construction and others
		TRY	26,730	Performance guarantees for overseas construction and others
		THB	153,040	Performance guarantees
		KZT	7 569 020	for overseas construction and others
		KZ I	7,300,929	Performance guarantees for overseas construction and others
		VND	575,276,451	Performance guarantees
		HKD	24,921	for overseas construction and others Performance guarantees
		AED	89 <i>4</i> 75	for overseas construction and others Performance guarantees
		ALD	03,473	for overseas construction and others
		NOK	370,295	Performance guarantees for overseas construction and others
		SGD	752	Performance guarantees
	VED Hans Bank	HCD	170 000	for overseas construction and others
	KEB Hana Bank	USD	172,093	Performance guarantees for overseas construction and others
		SAR	182,198	Performance guarantees
				for overseas construction and others
		EUR	84,938	Performance guarantees
		KRW	02 705	for overseas construction and others
		KKVV	92,703	Performance guarantees for overseas construction and others
		GBP	18,900	Performance guarantees
	Duran Danis	LICD	054	for overseas construction and others
	Busan Bank Industrial Bank of Korea	USD USD		Performance guarantees and others
	Kookmin Bank	EUR		Performance guarantees and others Performance guarantees and others
	Woori Bank	USD		Performance guarantees and others
	Shinhan Bank	USD		Performance guarantees
		EUR	1 658	for overseas construction and others Performance guarantees
				for overseas construction and others
	Korea Eximbank	USD	107,317	Performance guarantees for overseas construction and others
		EUR	12	Performance guarantees
		NOK	136 302	for overseas construction and others Performance guarantees
		NOR	130,302	for overseas construction and others
	Korea Housing Guarantee Co., Ltd.	KRW	3,414,675	Housing guarantees and others
	Seoul Guarantee Insurance	KRW	869,799	Performance guarantees for domestic construction and others
	Engineering Financial Cooperative	KRW	1,216,787	Domestic construction contract
	Construction Guarantee	KRW	5,712,106	Performance guarantees for domestic construction
	Cooperative Machinery Financial Cooperative	KRW	608,703	and others Performance guarantees for construction and others
	and others Korea Trade Insurance	KRW	113,325	Insurance of overseas investment and others
CI/ Occomplet Or 14d	Corporation	HCD		
SK Oceanplant Co., Ltd.	Seoul Guarantee Insurance	USD EUR	29,839,618 3,648,576	Performance guarantees for domestic construction and others
SK ecoengineering Co., Ltd.	Construction Guarantee	USD		Performance guarantees for domestic construction
	Cooperative	EUR	2,522,186	and others
		PLN	69,655,631	
	Seoul Guarantee Insurance	USD	317,366	
Facility and Management	Ctti	PLN	11,896,139	
Environment Management Corporation Co., Ltd.	Construction Guarantee Cooperative	KRW	80,338	Performance guarantees, performance insurances for warranties and others
_ 5.p5.a.s 66., Etc.	Seoul Guarantee Insurance	KRW	106,802	Guarantees for contract, payment, and others
	Engineering Financial Cooperative	KRW		Guarantees for contract, pre-payment, and others
SK Specialty Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees and others
SK Materials Performance Co., Ltd.	Korea Trade Insurance Corporation.	USD	6,000	Insurance of short-term export
SK Signet Inc.	Seoul Guarantee Insurance	KRW	4.661	Performance guarantees and others
SK Pinx Co., Ltd.	Seoul Guarantee Insurance	KRW		Performance guarantees for sales contract
SK Tri Chem Co., Ltd.	Seoul Guarantee Insurance	KRW	1,185	Performance guarantees and others
ONEPOL Co., Ltd.	Seoul Guarantee Insurance	KRW	776	Performance guarantees and others

(2) Guarantees provided to others as of June 30, 2023 are as follows (Korean won in millions and foreign currencies in thousands):

Guarantee	Guarantor	Currency	Amount	Description of guarantee
SK Geo Centric Co., Ltd.	SABIC SK Nexlene	USD	180,000	Guarantee of debt
	Company Pte. Ltd.			
Iberian Lube Base Oils S.A.	Puertos del Estado	EUR		Guarantees for construction
	Railway Administration and others	EUR		Guarantee for installing facilities and others
Netruck Co., Ltd.	Seoul Guarantee Insurance	KRW		Guarantees for payment of electricity and others
SK Innovation Co., Ltd.	Terra Power, LLC	USD		Performance guarantees for investment
SK Telink Co., Ltd.	IOT Wave Co., Ltd. and others	KRW		Performance guarantees for insurance and others
SK Communications Co., Ltd.	Purchaser or right holder of electronic payment method	KRW	310	Protection of user funds from electronic financiers and others
Dreamus Company Co., Ltd.	Youngkwang Precision Industry Co., Ltd. and others	KRW	230	Performance guarantees for contract
SKC Co., Ltd.	PI Advanced Materials Co., Ltd.	USD	7.836	Guarantee for litigation
2.12 2.1, 2	SK Microworks America, Inc.	USD		Local finance payment guarantee
	SK microworks high tech	USD		Local finance payment guarantee
	Plastics(Jiangsu) Co., Ltd	CNY		Local finance payment guarantee
SK E&S Co., Ltd.	Boryeong LNG Terminal Co., Ltd.	KRW	310,000	Guarantee of debt
Environment Management Corporation Co., Ltd.	Dongbugwon Puleunmul Co., Ltd. and others	KRW	29,860	Guarantee of debt
	Geochang Malgunmool Sarang Co., Ltd. and others	KRW	46,962	Guarantee for loan agreement
	Gyeongsan Pure Water Co., Ltd.	KRW	2,271	Performance guarantees for business
SK Ecoplant Co., Ltd.	SBC General Trading & Contracting Co. WLL and others	KWD	3,500	Performance guarantees for contract and others
	Pohang Clean Water Co., Ltd.	KRW	1,053,927	Cash deficiency support agreement
	Gweonseon District 6 redevelopment maintenance business association and others	KRW	204,542	Guarantees for reconstruction project financing
	Customers of Pangyo SK view and others	KRW	912,362	Guarantee of payment of intermediate payment and moving expenses loan
	Lu 1 City SK leaders view and others	KRW	3 685 131	Guarantee of completion
	Fuel cell power generation project	KRW		Performance assurance related to long-term
	. 3 ,			maintenance contracts and others
	Fuel cell power generation project	USD	206,330	Performance assurance related to long-term maintenance contracts and others
	Contractor issuing guarantee for sale	KRW	2,084,171	Joint surety

(3) Pending litigations

The Group's significant pending litigations as of June 30, 2023, in which the Group is a plaintiff are as follows (Korean won in millions):

Plaintiff	Defendant	Description	С	laim	Status
SK Shieldus Co., Ltd.	In Vision Co., Ltd. and others	Claim for payment of sales and others	KRW	1,134	First trial in progress
SK Planet Co., Ltd.	Fair Trade Commission	Claim for revocation of corrective order and others	KRW	335	First trial in progress
11 street Co., Ltd	Individual and others	Claim for payment and others	KRW	8,300	Third trial in progress and others
SK Broadband Co., Ltd.	The head of Namdaemun Tax office and others	Claim for cancellation of imposition disposition of comprehensive real estate tax and others	KRW	5,986	First trial in progress and others
SK Telecom Co., Ltd.	Individual and others	Claim for payment and others	KRW	2,784	First trial in progress and others
Dreamus Company Co., Ltd. SK Networks Co., Ltd.	Ebo Tech Individual and others	Claim for payment of goods Claim for payment and others	KRW KRW		First trial in progress First trial in progress and others
SK Magic Co., Ltd.	CUCKOO Homesys Co., Ltd. and others	Claim for prohibition of patent infringement	KRW	230	First trial in progress
SK Specialty Co., Ltd. SK Rent-a-Car Co., Ltd.	Byuckwoo Co.,Ltd. Individual and others	Claim for payment and others Claim for for accounts receivable	KRW KRW		First trial in progress First trial in progress and others
SK E&S Co., Ltd.	Gwangyang City mayor	Claim for cancellation of imposition of refusal of request for correction	KRW	1,176	First trial in progress
Narae Energy Service Co., Ltd.	Hanam City Hall	Claim for cancellation of the imposition of the contribution to the water supply cause	KRW 1	3,171	Second trial in progress and others
Paju Energy Service Co., Ltd.	Paju City mayor	Claim for cancellation of imposition of refusal of request for correction	KRW	1,703	First trial in progress
SK Incheon Petrochem Co., Ltd.	Dongatanker Co., Ltd.	Claim for payment	KRW	10,075	First trial in progress
SK Ecoplant Co., Ltd.	Korea Rail Network Authority	Claim for payment of construction and others	KRW	4,279	Second trial in progress and others
	Plant & Mechanical Contractors Financial Cooperative and others	Claim for deposit of construction performance and others	KRW	5,796	First trial in progress
	Korea National Oil Corporation	Claim for payment of construction and others	KRW	13,294	First trial in progress and others
	Korea Land & Housing Corporation	Claim for payment of constructio	KRW	860	Second trial in progress
	NSRP	Claim for payment of construction	KRW		Arbitration in progress
	PNPC	Claim for payment of construction	KRW	,	Arbitration in progress
	KB Insurance Co., Ltd.	Claim for payment of Insurance and others	KRW		First trial in progress
	Seongchang ENC Co., Ltd. and others	A final and conclusive bond investigation trial of rehabilitation bond	KRW	204,753	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
	Goseong Green Power Co., Ltd.	Claim for payment of construction		,	First trial in progress
Environment Management Corporation Co., Ltd.	Dohwa Engineering Co., Ltd. and others	Claim for payment	KRW		First trial in progress and others
SK Oceanplant Co.,Ltd.	Green ST Co., Ltd. and others	Claim for return of payment and others	KRW	2,583	First trial in progress
Topsun Co., Ltd. E-MEDI ONE Co., Ltd.	KOCECO Co., Ltd. Individual and others	Claim for settlement Claim for a loan and others	KRW KRW		First trial in progress First trial in progress

The Group's significant pending litigations as of June 30, 2023, in which the Group is a defendant are as follows (Korean won in millions):

Defendant	Plaintiff	Description	C	laim	Status
SK Shieldus Co., Ltd.	Oliveland Ltd.	Claim for damages and others	KRW	1,714	First trial in progress
Dreamus Company Co., Ltd.	Individual	A lawsuit for infringement of copyright	KRW	217	and others First trial in progress
Tmap Mobility Co., Ltd. 11Street Co., Ltd.	ELUON CMS Corporation Individual and others	Litigation for license contract Litigation for Claims for	KRW KRW		First trial in progress Second trial in progress
SK Broadband Co., Ltd.	KISTI and others	Settlement and others Claim for damages and others	KRW		and others First trial in progress
SK Broaubariu Co., Ltu.	KISTI and others	Ciaiiii ioi dairiages and others	KKVV		and others
SK Telecom Co., Ltd.	HSF and others	Claim for damages and others	KRW	20,356	Second trial in progress and others
SK M&Service Co., Ltd.	Individual	A lawsuit for confirmation of invalidity of dismissal and others	KRW	50	Second trial in progress
SK Networks Co., Ltd.	Individual and others	Claim for damages and others	KRW	3,455	First trial in progress and others
SK Magic Co., Ltd.	Individual and others	Claim for invalidation of contract termination	KRW	267	First trial in progress and others
SK Rent-a-Car Co., Ltd.	Individual and others	Claim for return of unjust enrichment and others	KRW	1,337	First trial in progress and others
SK Nexilis Co., Ltd.	Individual and others	Claim for damages	KRW	6,531	Second trial in progress and others
Ko-one Energy Service Co., Ltd.	Korea Land & Housing corporation	Claim for cancellation of allotted charges	KRW	1,286	Second trial in progress
Busan City Gas Co., Ltd.	HDC-labs Co., Ltd.	Claim for payment of construction	KRW	534	Second trial in progress
Narae energy service Co., Ltd.	Korea Electric Power Corporation	Claim for cancellation of imposition disposition of property tax and others	KRW	2,694	First trial in progress
SK Ecoplant Co., Ltd.	K-Water Resources Corporation	Claim for design compensation cost return and others	KRW	3,004	Third trial in progress
	Incheon Metropolitan City	Claim for design compensation cost return	KRW	7,156	Second trial in progress and others
	Woryeong SK Ocean View residents representative and others	Claim for damages and others	KRW	17,035	Second trial in progress and others
	NSRP	Claim for payment of construction	KRW	115,264	First trial in progress
	PNPC	Claim for payment of construction	KRW	426,660	Arbitration in progress
	IMCO and others	Claim for payment of construction and others	KRW	150,284	First trial in progress and others
	Korea Gas Corporation Co., Ltd. Republic of Korea	Claim for damages Claim for damages and others	KRW KRW		Second trial in progresss First trial in progress and others
	Woori Bank	Claim for payment of construction	KRW	15,000	Second trial in progress
Environment Management Corporation Co., Ltd.	Siheung City and others	Claim for cost share and others	KRW	2,303	First trial in progress and others
SK Oceanplant Co.,Ltd.	JEONJIN OCEAN DEVELOPMENT Co., Ltd. and others	Claim for payment of construction	KRW	5,951	First trial in progress and others
Green Environment	Daesang Co., Ltd.	Claim for payment of construction	KRW	196	Firts trial in progress
Topsun Co., Ltd.	Individual and others	Claim for damages and others	KRW	1,575	First trial in progress and others

On May 15, 2021, SK Innovation Co., Ltd., a subsidiary of the Group, LG Chem Co., Ltd. and LG Energy Solution Co., Ltd., which split-off from LG Chem Co., Ltd. agreed to withdraw all domestic and foreign disputes, be exempt from all related obligations, prohibit similar or identical disputes for 10 years, and permanent licenses for trade secrets and patents. Accordingly, $\mbox{$\mathbb{W}$1}$ trillion in cash throughout 2021 and 2022 and royalties up to $\mbox{$\mathbb{W}$1}$ trillion corresponding to a certain percentage of sales from 2023 will be paid to LG Energy Solution Ltd. $\mbox{$\mathbb{W}$1}$ trillion out of the total paybles to LG Energy Solution Co., Ltd., has been paid in cash as of December 31, 2022, and the amount of royalties is expensed during period ended June 30, 2023.

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. Among these series of litigation cases, the California State Court's civil action is under discussion between the California Atony General Office, SK Trading International Co., Ltd., SK Energy Americas Inc., and Vitol Inc. On the other hand, in the case of class action in federal courts, the duration and final result are unpredictable at this time.

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 before the period ended December 31, 2022 and the Peruvian Environmental Assessment and Supervision Authority (OEFA) fined the operator related to the restoration of the workplace and environmental pollution charge for the year ended December 31, 2022. Accordingly, SK Innovation Co., Ltd. paid expenses of \$1,626 million for the six-month period ended June 30, 2023, the cumulative amount charged to SK Innovation CO., Ltd. is \$4,765 million.

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 December 31, 2022, 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, 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 June 30, 2023, 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 Global Chemical Co., Ltd., SK EnmoveCo., Ltd., SK Incheon Petrochem Co., Ltd., SK Trading International Co., Ltd., SK ie technology Co., Ltd., SK On Co., Ltd, and SK Earthon Co., Ltd. are collectively responsible for any obligations of the Company arising before the spin-off. 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 and the Company and SK Specialty Co., Ltd. are collectively responsible for any obligations of SK Materials Co., Ltd. (formerly) that occurred before the spin-off on December 1, 2021.
- 2) The Company has signed a lease contract for the head office building from SK REIT Co., Ltd. The lease contract period under this lease contract is until July 5, 2026, and we have the option of extending the lease contract by five years before the end of the contract. On the other hand, we have been granted preferential purchase rights for landlords to purchase at fair prices when selling the building.

- 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 ₩82,964 million (the Company's portion: ₩45,536 million (54.9%)), which will be used for the construction of urban infrastructure facilities ("designated purpose" of the land). Meanwhile, the building was completed and registered for ownership preservation in August 2014, and the transfer of destination land and buildings to a third party is restricted for 10 years from the time of ownership preservation registration.
- 5) The Company has total return swap contracts in regards to SK Shipping Co., Ltd.'s issuance of ordinary shares and sale of existing shares, and details are as follows:

Description	Subscription of new shares	Sale of existing shares	
Investor	Special Situation 1st Fund	Corporate Turnaround 1st Fund	
Number of shares	6,548,672	4,808,259	
Contract date	March 30, 2022	March 30, 2022	
Expiry date	April 13, 2027	May 11, 2027	
Settlement	The Company and the investor make 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 case where the sale is not complete, the selling price		
	of the shares is considered to be nil.		
Premium	The Company pays to the investor the amount equivalent to 3.899% of the		
	total shares held by the investor quarterly. When the investor receives		
	dividends on the shares held, the am	ount is paid to the Company.	
Call option	On every first year between the end of	of the investment and the expiration date,	
the Company has the right to purchase the shares held by the inves			
	contract price of the ordinary shares with 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:

Description	Total return swap contracts	
Investor	Warmachine Sixth Co., Ltd. and others	
Number of shares	13,140,440	
Contract date	August 16, 2022	
Expiry date	August 30, 2027	
Settlement	The Company and the investors settle the amount that deducts the issue price from the net selling price in cash. If the amount is positive, the investor shall pay to the Company, and if the amount is negative, the Company shall pay to the investor. In case where the sale is not complete, the selling price of the shares is considered to be 0.	
Premium	The Company shall pay 0.5% of the initial contract amount within 5 operating day from the effective date of contract and shall pay to the investors the amount equivalent to 4.948% of the total shares held by investors on a three-month basis. When the investor receives dividends on the shares held, the amount shall be paid to the Company.	
Call option	On a three-month basis from the effective date of contract ("the quarterly payment day"), the Company has the right to purchase the shares held by the investors at the initial contract price of the ordinary shares with certain level of additional charges.	

As of June 30, 2023, the value of the agreements amounting to \$169,131 million is recognized in current portion of 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:

Description	Total return swap	
Investor	MD Prime 1st Co., Ltd.	
Number of shares	4,640,199	
Contract date	November 4, 2022	
Expiry date	November 16, 2027	
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	At the date when three months passed after the last premium payment date or the effective date ("premium payment date") during the period from the effective date to the expiration date of this Agreement, the Company shall pay the remaining contract amount of the remaining shares multiplied by the TRS Premium (rate of return on final asking price of 91-day Transferable Certificate of Deposit (CD) plus 1.80% of annual rate). On the other hand, if an investor receives dividends or other receivables from holding the target stock, the relevant amount must be paid to the Company.	
Call option	On each premium payment date (every three months from the effective date of this contract), the Company may claim all remaining underlying assets (ordinary shares that SK E&S issued and an investor purchased from the Company) to the remaining contract amount of the underlying assets plus the call option exercise fee, securities exchange tax, and special tax for rural development.	

As of June 30, 2023, the value of the agreements amounting to \$\psi\$677,775 million is recognized in current portion of 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) The Company has a shareholder-to-share agreement with Showa Denko K.K. in relation to the investment of subsidiary SK Resonac Corporation, and Showa Denko K.K. has the right to sell 630,000 shares (15%) of SK Resonac Corporation at ₩5,000 per share in the event of a specific case of this agreement.
- 11) Areca, Inc., Chamaedorea, Inc., and Tillandsia, Inc., subsidiaries, acquired stakes in 8 Rivers Capital, LLC during 2022 and 2023, and considered them to be controlling and incorporated them into the consolidated target. The contracts concluded during the acquisition of shares include the following key arrangements.
 - Investor's Tag-along right
 - Investor's Drag-along right
 - 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		
Drag-along Right	When a company's stake is sold to a non-affiliated company or most of the company's assets are sold to a non-affiliated company	The right to sell shares held by the largest shareholder together with shares held by investors		

- 12) The Company have signed a contract between shareholders that allows certain shareholders to sell their shares to us for ₩50,000 per share if certain conditions are met for shares held by certain shareholders of its subsidiary SK Signet Co.. Ltd.
- 13) As of June 30, 2023, SK E&S Co., Ltd., a subsidiary, provides LOU (Letter of Understanding) 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.
- 14) LNG Americas, Inc., 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 June 30, 2023, SK E&S Co., Ltd., one of the subsidiaries, is responsible for performance guarantee in case of LNG Americas, Inc.'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.

15) As of June 30, 2023, 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.	Contract for the supply of long-term.	Korea Gas Corporation	-
and 7 subsidiaries	natural gas (*1)	Co., Ltd.	0000 4 0000 40
SK E&S Co., Ltd.	Contract of supply for natural gas	Tangguh PSC Contractor Parties	2006.1 ~ 2026.12
	Contract for the repair and	GE International Inc.	2004.6 ~ 2026.12
	maintenance of gas turbine		(estimated)
	Contract for the storage and vaporization	POSCO International	2005.6 ~ 2025.12
	service of natural gas	Corporation	2020.7 ~ 2040.12
		(formerly, POSCO ENERGY CO., Ltd.)	
	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
	Direct power transaction contract	SK Specialty Co., Ltd. and others	20 years from the time of supply
	Power supply contract	Dangjin Haengbok Solar Co., Ltd. and others	20 years from the time of supply
Daiu Energy Service Co. Ltd.	Contract for the long term maintenance	Siemens AG and others	2014.6 ~ 2031.6
Paju Ellergy Service Co., Ltd.	Contract for the long-term maintenance program		(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	Siemens AG and others	2015.1 ~ 2032.1
Ivalae Ellergy Service Co., Etc.	program	Siemens AG and others	(estimated)
	Contract for the long-term maintenance program	Doosan Enerbility Co., Ltd.	12 years from 2012
	Contract for the operation and	Jeonbuk Group Energy Co.,	2015.1 ~ 2025.1
	Maintenance program	Ltd. and Gimcheon Energy Service Co., Ltd.	2010.1 2020.1
	Contract for the augusty of long term		20 years from
	Contract for the supply of long-term	Korea Gas Corporation Co., Ltd.	20 years from 2015.5
	natural gas Contract for the REC trading	K Solar E Ho Co., Ltd.	20 years from contract
		and others	
Narae Energy Service Co., Ltd. and Paju Energy	Contract for the use plumbing system	Korea Gas Corporation Co., Ltd.	20 years from 2017
Service Co., Ltd.	0	Damina I NO Tamainal	00 for 0047
SK E&S Co., Ltd. and Narae Energy Service	Contract for the storage and vaporization service of natural gas	Boryeong LNG Terminal Co., Ltd.	20 years from 2017
Co., Ltd. and Paju Energy Service Co., Ltd.			
Yeoju Energy Service	Integrated Environmental Management	SK ecoengineering Co., Ltd.	2019.1 ~ 2023.10
Co., Ltd.	Licensing Service		
	Contract for LTSA	Siemens Gas & Power Gmbh	2019.12 ~ 2047.12
		Siemens Energy Ltd.	(estimated)
	Contract for the use plumbing system	Korea Gas Corporation	2022.11 ~ 2042.10
	Contract for the use manufacturing facilities	Korea Gas Corporation	2022.11 ~ 2042.10
LNG Americas, Inc.	Contract for the liquefaction and	FLNG Liquefaction 3, LLC	20 years from 2020
	storage of natural gas	Kinder Mersen Je-	00 was from 0000
	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	SHELL EASTERN TRADING PTE LTD and others	2019.6 ~ 2041.6
	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.	15 years from service date
	Contract for the liquefaction	(Australia Branch) Darwin LNG Pty. Ltd.	2020.12 (contract)
	service of natural gas	and others	15 years from service date
Prism Energy International Zhoushan Limited	Contract for the storage and vaporization service of natural gas	ENN (Zhoushan) LNG Co., Ltd.	2020.7 ~ 2030.7
GE Co., Ltd.	Contract for liquefied hydrogen	Korea Gas Technology	2023.3 ~ 5 years fro
50.,	facility management	Corporation	the commencemen of commercial
			operation
	Contract for by-product hydrogen sales	SK Incheon Petrochem Co., Ltd.	20 years from from t
	Standard by product hydrogen sales	S. C. Mondon F Shoonlon Go., Ltd.	commencement of
			commercial operation
			commercial operati

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

16) As of June 30, 2023, 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.	Dreamline Co., Ltd and others	2022.04 ~ 2024.06	₩	10,088
Yeoju natural gas power Plant EPC contract (*1)	Yeoju Energy Service Co., Ltd.	SK ecoengineering Co., Ltd.	2019.12 ~ 2023.08	₩	664,091
By-product hydrogen liquefaction	on IGE Co., Ltd.	SK ecoengineering	2021.07 ~ 2023.08	₩	444,950
Plant EPC contract (*1)		Co., Ltd.	(scheduled)		

- (*1) For the purpose of performing the contract, Yeoju Energy Service Co., Ltd., IGE Co., Ltd. received blank checks from SK ecoengineering Co., Ltd.
- 17) As of June 30, 2023, 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 East Timor Bayu-Undan gas field and pipeline asset	Dew Blaine Energy, LLC BU12 Australia Pty. Ltd. BU13 Australia Pty. Ltd. SK E&S Australia Pty. Ltd. Prism DLNG Pte. Ltd.	Continental Resources, Inc. Santos NA Darwin Pipeline Pty. Ltd. and others	49.9% 25.0%

- 18) SK E&S Co., Ltd., a subsidiary of the Group, has agreed to invest a total of ₩10 billion in the Tcha Partners Asset Management Co., Ltd. for hydrogen business cooperation, and has completed 69.22% of the total investment agreement.
- 19) SK Energy Co., Ltd., SK Geo Centric Co., Ltd., SK Incheon Petrochem Co., Ltd. and SK On Co., Ltd. subsidiaries of the Group, pay electricity bills and tariffs through B2B corporate 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 June 30, 2023, the related payables and others are \(\pi_2,248,791\) million, which are classified as current liabilities.
- 20) 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:

Description	Put option (*1)	Call option (*1)	Call option	
Purpose of Contract	Acquisition of equity	01/5	014.5	
Option rights holder Option obligor	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 goodsFLOW Co., Ltd.'s shares held by Tae-jin Jung, Byung-wook Oh, shareholders of goodsFLOW Co., Ltd.		
Time of exercise	The date on which three years have elapse or the date agreed between the parties, where the parties is the contract of the date of of the			
Price of exercise	Price per share ₩33,553		Fair value at the time	

(*1) As of June 30, 2023 and December 31, 2022, the group recognized other payables related to the option contracts amounting to \$3,562 million and \$3,168 million.

- 21) SK Innovation Co., Ltd., a subsidiary of the Group, sold its holdings (40%) of SK Enmove Co., Ltd., a subsidiary of the Group to Eco Solution Holdings Co., Ltd. (the "investor") on July 30, 2021. The shareholder agreement between the Investor and SK Innovation Co., Ltd., the largest shareholder of SK Enmove 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 calculated by applying 10% annual interest rate based on IRR for the investment principal (\text{\psi}1,091,948 million).

SK Innovation Co., Ltd., the Company's subsidiary, has signed a shareholders' agreement with investors related to shares newly issued through the paid-in capital increase of its subsidiary, SK ON Co., Ltd. The agreement between the largest shareholder, SK Innovation Co., Ltd., and investors includes the following key terms:

- Investor's tag-along right
- Investor's drag-along right and largest shareholder's call option responding to drag-along right exercised by investors
- Investor's put option
- Restriction on disposal of shares of the largest shareholder under certain conditions.

Details of rights granted to inv	vestor are as follows: Conditions					
Tag-along right	In the case of transferring all or part of the shares held by the largest shareholder	Investors may sell their own shares on the same conditions as the largest shareholder.				
Drag-along right	When a qualified listing requiring certain conditions, such as 7.5% or higher IRR, is not completed within 4 years of agreement period (which can be extended twice by one year, respectively).	Investors may request the largest shareholder to sell its shares along with shares held by investors.				
Put option	In the event of a serious violation of a specific obligation clause agreed with investors for a deliberate and malicious purpose	Investors may sell their own shares to the largest shareholder at the exercise price of the put option for the investment principal				

SK Innovation Co., Ltd., a subsidiary, recognized \$427,787 million of derivative liabilities for rights included in the shareholders' agreement above, such as the investor's drag-along rights and the largest shareholder's call option.

($\pm 2,809,351$ million).

SK Battery America Inc., a subsidiary, has signed a project agreement with Jackson County Industrial Development Authority hereinafter referred to as "state agency" and the Georgia Department of Economic Development (hereinafter referred to as "contract") to provide incentives such as property tax reduction. Under the contract, SK Battery America, Inc. transferred legal ownership of assets subject to property tax reduction to state agencies and received bonds issued by state agencies. The Group recognized the bonds and financial liabilities generated in the transaction as net amounts as they meet the offsetting criteria of K-IFRS No. 1032, and the amount of bonds and financial liabilities set off as of June 30, 2023 is USD 2,784 million, and the book value after offset is \$0.

- 22) 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 which is recorded as other receivables and long-term other receivables as of June 30, 2023 and December 31, 2022 is \(\pm 254,438\) million and \(\pm 357,467\) million, respectively.
- SK Telecom Co., Ltd., a subsidiary, decided to purchase and sell shares to strengthen strategic cooperation with Hana Financial Group at its board of directors meeting on July 22, 2022. According to the resolution, on July 27, 2022, SK Telecom Co., Ltd. sold all of Hana Card Co., Ltd.'s common shares (39,902,323 shares) and Finnq Inc.'s common shares (6,370,000 shares) to Hana Financial Group Inc. for \(\pm330,032\) million and \(\pm5,733\) million, respectively. By the agreement with Hana Financial Group Inc., SK Telecom Co., Ltd. is obligated to purchase Hana Financial Group Inc.'s common shares from July 27, 2022 to January 31, 2024, after depositing \(\pm330,032\) million in a specific money trust and has completed the purchase during the year ended December 31, 2022. As part of the above transaction, SK Telecom Co., Ltd. sold all of its common shares (767,011 shares) in SK Square to Hana Card Co., Ltd. for \(\pm31,563\) million on July 27, 2022, and Hana Card Co., Ltd. is obligated to purchase SK Telecom Co., Ltd.'s common shares from July 27, 2022 to January 31, 2024 after depositing \(\pm68,437\) million in a specific money trust. The shares acquired by SK Telecom Co., Ltd., Hana Financial Group Inc. and Hana Card Co., Ltd. cannot be sold until the end of March 2025.
- 24) SK Ecoplant Co., Ltd., a subsidiary, settles the trade payables arising from main business activities by the arrangement for corporate purchase only card entered into with some financial institutions, and the payment is made to the credit card company at the end of the credit offering period. As of June 30, 2023, the related outstanding amount is \W134,737 million.
- 25) SK Ecoplant Co., Ltd., a subsidiary, holds call options for shares held by non-controlling shareholders of its subsidiary, Eco Frontier PTE. LTD., and has signed a shareholders' agreement prescribing that when SK Ecoplant Co., Ltd. does not excercis the call option and non-controlling shareholders sell their shares to the third party, the difference between the exercise price of call option and sale price of non-controlling shareholders' share shall be preserved.
- 26) SK Ecoplant Co., Ltd., a subsidiary, has signed an agreement with Eco Energy Holdings, the buyer of SK ecoengineering Co., Ltd. redeemable convertible preferred shares, which was sold during the previous period. If certain conditions are met in the future under the agreement, EcoEnergy Holdings may exercise its Drag-along right to redeem its convertible preferred shares.

27) The technology transfer contract status of SK Biopharmaceuticals Co., Ltd., a subsidiary, is as follows (Foreign currencies in thousands)

		Transferred			Contract
The other party of a contract	Contract Date	technology	Region	am	ount (*1)
Arvelle Therapeutics International GmbH	2019.02	Cenobamate	Europe	USD	530,000
Ono Pharmaceutical Co., Ltd.	2020.10	Cenobamate	Japan	JPY	53,100,000
Ignis Therapeutics	2021.11	Cenobamate	China	USD	185,000
		and 5 new medicine	Hong Kong and Macao		
Endo Ventures Limited	2021.12	Cenobamate	Canada	USD	20,000
				CAD	21,000
DEXCEL LTD.	2022.05	Cenobamate	Israel, Palestine	USD	3,000
Eurofarma Laboratorios S.A	2022.07	Cenobamate	Latin America (*2)	USD	62,000

- (*1) Upfront and Milestone amounts
- (*2) There are 17 Latin American countries, including Brazil and Mexico.
- 28) SK Biopharmaceuticals Co., Ltd., a subsidiary, is a limited partner in the LifeSci Venture Partners Fund in the United States. As of June 30, 2023, investments in the fund amount to USD 9,362,718.20 (investments in money: USD 8,217,818.20, revenue distributions reinvested: USD 1,144,900), and the investment period agreed between the parties has ended, but additional investments can be made up to USD 1,363,636.35 for subsequent investments in existing investments.
- 29) SK Nexilis Co., Ltd., a subsidiary, has entered into an inter-shareholder agreement with non-controlling shareholders, a financial investor holding convertible preferred shares, in connection with convertible preferred shares issued by Nexilis Management Malaysia Sdn. Bhd. and NEXILIS MANAGEMENT EUROPE B.V.. Financial investors may sell common shares of Nexilis Management Malaysia Sdn. Bhd. and NEXILIS MANAGEMENT EUROPE B.V. at any time, but if sold during a specified contractual period, they must settle the difference between the sale price and the initial investment price of the financial investor. A financial investor may claim settlement from SK Nexilis Co., Ltd., for convertible preferred or common shares issued by Nexilis Management Malaysia Sdn. Bhd. and NEXILIS MANAGEMENT EUROPE B.V. in the event of a specific reason, even during the specified period in the contract. Financial investors may not transfer or dispose of convertible redeemable preferred shares to a third party without the prior consent of SK Nexilis Co., Ltd. except in the event of a specific reason.

In addition, SK Nexilis Co., Ltd. pays a certain percentage of the issuance of convertible preferred shares of Nexilis Management Malaysia Sdn. Bhd. and NEXILIS MANAGEMENT EUROPE B.V. to financial investors every three months from the date of initial payment. If the convertible preferred stock is not repaid or 'settled', the financial investor shall return the amount received by that time to SK Nexilis Co., Ltd.

Meanwhile, in connection with the above transactions, SK Nexilis Co., Ltd. has signed a fund supplement agreement to cover the shortfall in the event of a lack of funds for repayment or early repayment of convertible preferred stocks of Nexilis Management Malaysia Sdn. Bhd. and NEXILIS MANAGEMENT EUROPE B.V.

(5) Hybrid bonds

Details of hybrid bonds as of June 30, 2023 and December 31, 2022 are as follows (Korean won in millions):

					For the pe	riods ended
			Maturity date	Interest	June 30,	December 31,
Issue segment	Description	Issue date	(*1)	rate (%) (*2)	2023	2022
Group of SK Innovation	1st private equity bond type	2019.03.15	2049.03.15	4.20	₩ 600,000	₩ 600,000
Group of SK Telecom (*3)	2-1 private equity bond type	2018.06.07	2078.06.07	3.70	-	300,000
	2-2 private equity bond type	2018.06.07	2078.06.07	3.65	-	100,000
	3rd public equity bond type	2023.06.05	2083.06.05	4.95	400,000	-
Group of SK E&S	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

^(*1) The issuing Company may decide on early repayment and extension of maturity date when certain period is lapsed.

(6) Others

As of June 30, 2023, 40 notes (including 38 blank notes) and 88 checks (including 87 blank checks) are provided to financial institutions as collateral for borrowings.

^(*2) After a certain period from the issue date, the interest rate will fluctuate in accordance with the contract.

^(*3) It changed due to early repayment and new issuance during the period ended June 30, 2023.

32. Pledged assets

The following assets were pledged as collateral for the Group's borrowings and others as of June 30, 2023 (Korean won in millions and foreign currencies in thousands):

			Collateralized		
Company	Asset	Currency	amount (*1)	Provided to	Description
SK Innovation Co., Ltd.	Investments in associates	KRW	-	Yemen LNG Company and others	Collateral for project financing
Netruck Co., Ltd.	Property, plant and equipment	KRW	1,430	Shinhan Bank and others	Collateral for borrowing
ONEPOL Co., Ltd.	Property, plant and equipment	KRW	3,360	Shinhan Bank	Collateral for borrowing
SK Broadband Co., Ltd.	Property, plant and equipment	KRW	1,228	Industrial Bank of Korea	Restricted real rights for
Panasia Semiconductor	Investment securities	KRW	26,620	and others Hana Securities Co., Ltd.	office lease Collateral for borrowing
Materials, LLC Incross Co., Ltd.	Financial instruction	KRW	20,850	and others Naver Co., Ltd. and others	Performance guarantees
One store Co., Ltd.	Investment property	KRW	510	Shinhan Bank	for contract Collateral for borrowing
SK Networks Co., Ltd.	Property, plant and equipment	KRW	390,921	Korea Development Bank	Collateral for sales
SK Magic Co., Ltd.	Property, plant and equipment	KRW	96,000	and others Korea Development Bank	and others Collateral for borrowing
SK Magic Co., Ltd.	Property, plant and equipment	KRW	272,621	Korea Development Bank and others	Collateral for borrowing
	Financial instruction	KRW	300	Kodit 2022 the 5 th Securitization Specialty Co., Ltd.	Collateral for borrowing
		KRW	300	Kodit Global 2022-1 Co., Ltd.	Collateral for borrowing
SK Enpulse Co., Ltd.	Property, plant and equipment	KRW	51,500	Korea Development Bank	Collateral for borrowing
SK pucore Co., Ltd.	Property, plant and equipment	KRW	73,880	Korea Development Bank	Collateral for borrowing
SKCFTH Co., Ltd.	Investments in subsidiaries	KRW	828,000	and others Korea Development Bank	Collateral for stock
SK Nexilis Co., Ltd.	Property, plant and equipment	KRW	474,768	and others Korea Development Bank	Collateral for borrowing
OK NOXIIIS GO., Eta.	Investments in subsidiaries	KRW		and others	Collateral for stock
	investinents in subsidiaries	KIXVV	369,282	and others	Collateral for Stock
SK PIC Global Co., Ltd.	Property, plant and equipment	KRW	33,600	Korea Development Bank	Collateral for borrowing
SKC Co., Ltd.	Financial instruction	KRW	165,868	KEB Hana Bank	Collateral for pledging
SK E&S Co., Ltd.	Investments in subsidiaries	KRW	470,000	Korea Development Bank	and others Collateral for PF
		VND	1,059,600,000	and others Joint Stock Commercial Bank	Collateral for PF
	Investments in joint ventures	KRW	181,260	For Foreign Trade of Vietnam Korea Development Bank	Collateral for PF
	, , , , , , , , , , , , , , , , , , ,			and others	
		USD	14,000	BANGKOK BANK PUBLIC COMPANY LIMITED	Collateral for PF
	Investments in associates	KRW	18,621		Collateral for PF
Ko-one energy service Co., Ltd.	Investments in associates	KRW	2,711	Kookmin Bank and others	Collateral for PF
New Renewable Energy	Investments in the application	VND	1,042,074,648	Joint Stock Commercial Bank	Collateral for PF
No.1 JSC Busan City Gas Co., Ltd.	of equity method Investments in associates	KRW	3,484	For Foreign Trade of Vietnam Shinhan Bank and others	Collateral for PF
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
Name Transport Continue Co. 144	December along and a major and	KDW	505.000	Kanaa Bassalannaant Bassla	received
Narae Energy Service Co., Ltd.	Property, plant and equipment and others	KRW	505,000	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	Property, plant and equipment	KRW	100,800	NH Bank and others	Collateral for borrowing
Energy Co., Ltd. IGE Co., Ltd.	Property, plant and equipment	KRW	493,800	Korea Development Bank	Collateral for borrowing
SK Ecoplant Co., Ltd.	and others Debt instrument	KRW	27.791	CAPE Investment & Securities	Collateral for borrowing
ort Zoopiaint Go., Zta.	Dog: monament		2.,	Co., Ltd. and others	and others
	Investments in the application of	KRW	1,352,938	Korea Development Bank	Collateral for borrowing
Soongiu Took Co. Ltd	equity method	KRW	10 206	and others	Colleteral for barrowing
Seongju Tech Co., Ltd. DDS Co., Ltd.	Property, plant and equipment	KRW	10,206 3,000		Collateral for borrowing Collateral for borrowing
Samwon ENT Co., Ltd.	Property, plant and equipment Others	KRW	71,640	KB Securities	A pledge of insurance and others
Daewon Green Energy Co., Ltd.	Property, plant and equipment	KRW	5,280	Korea Development Bank	Collateral for borrowing
Green Environment Technology	Property, plant and equipment	KRW	9,600	Korea Development Bank	Collateral for borrowing
Co., Ltd. JA Green Co., Ltd.	Property, plant and equipment	KRW	14,400	Kyongnam Bank	Collateral for borrowing
DY Indus Co., Ltd.	Property, plant and equipment	KRW	6,222	Industrial Bank of Korea	Collateral for borrowing
DY Polymer Co., Ltd.	Property, plant and equipment	KRW	3,800	Industrial Bank of Korea	Collateral for borrowing
SK Oceanplant Co., Ltd.	Property, plant and equipment	KRW	246,580	Industrial Bank of Korea and others	Collateral for borrowing
	Financial instruction	KRW	5,000	Industrial Bank of Korea and others	
	Debt instrument	KRW	9,058	Korea Defense Guarantee	and others Collateral for guarantee
	Others	USD	555	Cooperative and others KEB Hana Bank	and others Collateral for guarantee
	Others	KRW	57,666	Seoul Guarantee Insurance	A pledge of Insurance
				and others	and others

32. Pledged assets (cont'd)

			Collateralized		
Company	Asset	Currency	amount (*1)	Provided to	Description
Environment Management Corporation Co., Ltd.	Property, plant and equipment	KRW	33,973	KEB Hana Bank and others	Collateral for borrowing and others
	Investments in associates and others	KRW	529,311	KEB Hana Bank and others	Collateral for borrowing and others
	Investment securities	KRW	9,440	Korea Development Bank and others	Collateral for borrowing and others
	Others	KRW	1,516,344	KEB Hana Bank and others	Collateral for pledging and others
SK Industrial Development China Co., Ltd.	Others	CNY	2,000,000	Bank of China communications	Collateral for borrowing
SK Specialty Co., Ltd.	Property, plant and equipment	KRW	137,000	Korea Development Bank	Collateral for borrowing
		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
	Financial instruction	KRW	60	Kodit 2022 the 9th Securitization Specialty Co., Ltd.	Collateral for borrowing
		KRW	75	Kodit 2022 the 10th Securitization Specialty Co., Ltd.	Collateral for borrowing
		KRW	165	Kodit Global 2022-1 Co., Ltd.	Collateral for borrowing
SK Specialty Japan Co., Ltd.	Property, plant and equipment	JPY	315,000	MUFG Bank	Collateral for borrowing
SK Materials Airplus Inc.	Property, plant and equipment	KRW	208,200	Kyungnam Bank and others	Collateral for borrowing
SK Tri Chem Co., Ltd.	Property, plant and equipment	KRW	3,692	Sejong City	Local investment promotion subsidy support collateral
SK Resonac Corporation	Property, plant and equipment	KRW	30,000	Korea Development Bank	Collateral for borrowing
SK Siltron Co., Ltd.	Property, plant and equipment and others	KRW	467,424	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
SK REITs Co., Ltd.	Investment property	KRW	1,147,466	The lender and the lessor	Collateral for borrowing
Clean Energy REITs Co., Ltd.	Investment property	KRW	572,314	The lender and the lessor	Collateral for borrowing
SK China Company, Ltd.	Financial instruction	USD	2,600	Kookmin Bank (Beijing)	Collateral for Subsidiary stake sale
SK South East Asia Investment Pte. Ltd.	Financial instruction	VND	3,000,000	ADB and Vietcombank	Collateral for borrowing and others
Total Value 1 REIT Co., Ltd.	Investment property	KRW	315,601	The lender and the lessor	Collateral for borrowing
Gangdong Green Complex Co., Ltd.	Property, plant and equipment	KRW	3,840	Suwon-Hwaseong-Osan livestock industry cooperatives	Collateral for borrowing
Topsun Co., Ltd.	Property, plant and equipment	KRW	3,526	KEB Hana Bank	Collateral for borrowing
	Financial instruction	KRW	314	Industrial Bank of Korea, Woori Bank	Collateral for borrowing
	Others	KRW	3,500	Korea Development Bank, Shinhan Bank	Collateral for pledging
	Debt instrument	KRW	850	Electric Contractor's Financial Cooperative	Collateral for pledging
Evertech Enterprise Co., Ltd.	Property, plant and equipment	KRW	4,800	Industrial Bank of Korea	Collateral for pledging

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

SK Sheildus Co., Ltd., a subsidiary, provides its shares in Capstec Co., Ltd. as collateral for its long-term borrowing of 1,713,291 million.

Tmap Mobility Co., Ltd., a subsidiary, has signed a stock pledge establishment contract with the seller in connection with the acquisition of common shares of Seoul Airbus Co., Ltd. The seller has established the shares equivalent to 20% of the total number of shares issued by Seoul Airbus Co., Ltd. as the first priority in order to secure all debts to be borne in the future under Tmap Mobility Co., Ltd.'s stock trading contract and shareholder contract.

33. Guarantees provided among the Group entities

Guarantees provided among the Group entities as of June 30, 2023 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	
SK Innovation Co., Ltd.	SK Battery America, Inc.	USD	1,220,000	Guarantee of debt
	SK On Hungary Kft.	USD	220,000	
	BlueOval SK, LLC	USD	125,000	
	SK Battery Manufacturing Kft.	USD	500,000	
		HUF	34,194,000	Guarantee of local factory construction
	BlueOval SK, LLC and others	USD	4,994,000	Performance guarantees for invest
		USD	7,000,000	Performance guarantee for contract
	SK Earth On Co., Ltd.	USD	34,000	Guarantee of mandatory work load
SK Innovation Co., Ltd. and SK On Co., Ltd.	SK On Hungary Kft.	HUF	9,810,000	Guarantee of local factory construction
SK On Co., Ltd.	SK Battery America, Inc.	USD	2,440,000	Loan-related payment guarantee
,	SK On Hungary Kft.	USD	2,420,000	Loan-related payment guarantee
	SK Battery Manufacturing Kft.	USD	1,050,000	Loan-related payment guarantee
	SK On Yancheng	CNY	4,300,000	Loan-related payment guarantee
SK ie technology Co., Ltd.	SK Hi-Tech Battery Materials(Jiang Su)	CNY	1,180,000	Guarantee of debt
ortio tooimology oo., Ltd.	Co., Ltd.	USD	719.200	Guarantee of debt
	SK hi-tech battery materials Poland sp. z o.o.		-,	
SK Geo Centric Co., Ltd.	SK GC Americas, Inc.	USD		Loan-related payment guarantee
	SK Functional Polymer, S.A.S	EUR	161,000	Loan-related payment guarantee
SK Networks Co., Ltd.	SK Networks Hong Kong Ltd.	USD	90,600	Standing surety for investee
	SK Networks (Shanghai) Co., Ltd.	USD	12,000	
		CNY	54,000	Standing surety for investee
	SK Networks (Xiamen) Steel Processing Center Co., Ltd.	r CNY	68,000	Standing surety for investee
SKC Co., Ltd.	SK Enpulse Co., Ltd.	KRW	10,000	Guarantee of corporate bond
	SKC (Nantong) PU Specialty Co., Ltd.	CNY	106,700	Guarantee of payment
	3, - 1 , - ,	USD	7,000	Guarantee of payment
	SKC (Nantong) Semiconductor Materials Technology Co., Ltd.	USD	3,640	
SK E&S Co., Ltd.	LNG Americas, Inc.	USD	354,000	Guarantee for derivative hedge and others
SK L&S Co., Ltd.		KRW	350,000	
	Paju Energy Service Co., Ltd.	KRW	270,000	Guarantee of debt
	Narae Energy Service Co., Ltd.	KRW	200,000	
	Yeoju Energy Service Co., Ltd.	USD	641,000	
	Prism Energy International Pte, Ltd.			
	IGE Co., Ltd.	KRW	130,000	
	BU12 Australia Pty, Ltd., BU13 Australia Pty, Ltd.	USD	318,476	Guarantee for BU gas field recovery cost
	NEW RENEWABLE ENERGY NO.1 JOINT STOCK COMPANY	USD	20,000	Guarantee of debt
	Grid Solution, LLC	USD	39,600	
SK E&S Americas, Inc.	LNG Americas, Inc.	USD	54,342	Performance guarantee for contract and others
	Grid Solution II, LLC	USD	100,000	
	PassKey, Inc.	USD	52,313	Performance guarantee for contract
SK Ecoplant Co., Ltd.	SKEC Anadolu, LLC	EUR	30,666	Performance guarantee for contract and others
	Silvertown Investco Limited	GBP	10,671	Guarantee of financial obligation
	Sunlake Co., Ltd.	CAD	6,000	Guarantee of financial obligation
	SK E&C Betek Corporation	USD	124,000	Guarantee of financial obligation
	Environment Management Corporation Co., Ltd.	KRW	42,552	Fund supplement agreement for loan agreement
	Samwon ENT Co., Ltd.	KRW	75,700	Conditional debt acquisition
	Eco Frontier (Singapore) Pte. Ltd.	USD	420,000	Guarantee of payment and others
	SK ecoengineering Co., Ltd.	KRW	343,632	
Environment Management	Gyeongsan Clear Mulgil Co., Ltd.	KRW	8.200	
Corporation Co., Ltd.	Honam Environment Energy Co., Ltd.	KRW	4,920	
Topsun Co., Ltd.	TS Energy 10Ho Co., Ltd.	KRW	4,920	Joint surety and others
SK Specialty Co., Ltd.	SK Specialty Jiangsu Co., Ltd.	USD	7,000	
or opecially Co., Liu.	on opecially dialigou co., Liu.	CNY	32,400	
	SK Specialty Taiwan Co. 14d	USD	2,000	
	SK Specialty Japan Co., Ltd.	JPY		
SK Piotok Co. Ltd	SK Specialty Japan Co., Ltd. SK BIOTEK IRELAND LIMITED	USD	276,000	
SK Biotek Co., Ltd.	ON DIOTEN INCLAIND LIMITED		30,000	
CK Ciltum Co. 1 td	CK Ciltura CCC LLC	EUR	10,000	
SK Siltron Co., Ltd.	SK Siltron CSS, LLC	USD	173,000	Guarantee of debt

34. 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 condensed consolidated interim 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 June 30, 2023 and December 31, 2022 is as follows (Korean won in millions):

		June 30, 2023	De	<u>cember 31, 2022</u>
Financial assets measured at FVTPL	₩	11,812,189	₩	9,121,159
Financial assets measured at FVOCI		53,703		663
Financial assets measured at amortized cost		33,090,193		38,367,580
Derivatives designated as hedging instruments		509,004		563,170
	₩	45.465.089	₩	48.052.572

On the other hand, 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 simplification method that recognizes lifetime expected credit losses as a loss allowance for trade and other receivables. To measure expected credit losses, sales receivables and contract assets were divided based on credit risk characteristics and past due dates.

34. Risk management (cont'd)

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 $\mbox{$W$}22,101$ million as of June 30, 2023. The Group recognizes the financial guarantee liabilities related to the payment guarantees contracted with the Group, such as SK Ecoplant Co., Ltd., as of June 30, 2023 and December 31, 2022 (Korean won in millions).

	Jun	<u>e 30, 2023 </u>	December 31, 202	<u> 22 </u>
SK Innovation Co., Ltd.	₩	4 +	₩	321
SK Ecoplant Co., Ltd.		22,101		23,772
SKC Co., Ltd.		87		563
SK Biotek Co., Ltd.		238		237
SK Resonac Corporation		11		15
	$\underline{\mathbf{W}}$	22,441	₩	24,908

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 June 30, 2023 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	₩ 37,592,909 ₩	40,569,635	₩ 7,843,450 ₩	12,728,435 ₩	15,970,626 ₩	4,027,124
Bonds	38,574,590	42,183,491	2,768,624	6,931,532	26,413,461	6,069,874
Derivative financial liabilities	468,847	468,847	57,567	94,497	316,783	-
Trade payables	12,316,382	12,316,382	11,993,452	322,930	-	-
Lease liabilities	5,226,721	7,135,347	247,346	1,115,168	3,449,111	2,323,722
Other liabilities	12,642,072	13,039,761	7,650,271	3,619,333	1,593,517	176,640
	<u>₩ 106,821,521</u> <u>₩</u>	115,713,463	₩ 30,560,710 ₩	<u>24,811,895</u> ₩	<u>47,743,498</u> ₩	12,597,360

In addition to the above financial liabilities, the consolidated entity is exposed to liquidity risks under the financial guarantee contract, and the maximum amount of related liquidity risks is $\mbox{$\mathbb{W}$}$ 3,498,353 million.

34. Risk management (cont'd)

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 June 30, 2023 and December 31, 2022 are as follows (Korean won in millions and foreign currencies in thousands):

		June 30, 2023		December 31, 2022			
		Foreign	Korean won		Foreign	K	orean won
	Currency	currencies	e	quivalent	currencies		equivalent
Assets	USD	9,615,243	₩	12,622,891	7,542,986	₩	8,942,210
	JPY	11,669,272		105,837	16,318,984		168,125
	CNY	3,072,107		556,205	2,468,361		459,757
	EUR	547,915		781,629	400,449		537,539
	Others			621,080			912,134
			₩	14,687,642		₩	11,019,765
Liabilities	USD	16,059,589	₩	21,083,028	11,908,339	₩	14,117,336
	JPY	9,856,364		89,394	10,970,493		113,022
	CNY	6,493,222		1,175,598	1,024,139		190,756
	EUR	312,967		446,463	167,922		225,408
	Others			324,746			531,211
			₩	23,119,229		₩	15,177,733

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

			June 3	0, 2023	December	31, 2022	
	Currency	Increase	by 10%	Decrease by 1	0%	Increase by 10%	Decrease by 10%
USD		₩	(846,014)	₩ 846	,014	₩ (517,513)	₩ 517,513
JPY			1,644	(1	,644)	5,510	(5,510)
CNY			(61,939)	61	,939	26,900	(26,900)
EUR			33,517	(33	3,517)	31,213	(31,213)

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. Risk management (cont'd)

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 164.0% as of June 30, 2023. The maturity of the debt is dispersed in the long term; so, debt-repayments are not demanding.

The Group's debt ratio as of June 30, 2023 and December 31, 2022 is as follows (Korean won in millions):

		June 30, 2023	December 31, 2022
Total liabilities	₩	123,851,358 ₩	122,697,070
Total equity		75,508,916	71,808,790
Debt ratio		164.0%	170.9%

35. Business combination

As of June 30, 2023, details of business combination are as follows.

(1) General information

The Group acquired control as its stake became 51.57% through the acquisition of additional shares in 8 Rivers Capital, LLC on April 30, 2023, to strengthen business in the clean energy sector.

SK Ecoplant Co., Ltd., a subsidiary, acquired a 52.65% stake in SK ecoengineering Co., Ltd. on April 1, 2023, to expand and strengthen its business portfolio. In addition, as it became possible to exercise the conversion right of convertible bonds issued by Topsun Co., Ltd., a subsidiary of SK Ecoplant Co., Ltd. during the period ended June 30, 2023, it was judged that it could exercise real control in consideration of potential voting rights.

The above business combinations that occurred during the period ended June 30, 2023 were accounted for by the acquisition method, and the consolidated financial statements include financial performance for the acquiree from the acquisition date to June 30, 2023.

35. Business combination (cont'd)

(2) Identifiable assets acquired and liabilities assumed

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

			SI	K ecoengineering		
	8 Riv	ers Capital, LLC		Co., Ltd.		Topsun Co., Ltd.
Assets:						
Cash and cash equivalents	₩	92,533	₩	293,400	₩	15,285
Trade and other receivables		602		521,000		90,538
Inventories		-		-		23,384
Property, plant and equipment		404		7,227		130,071
Right-of-use assets		359		12,903		36,380
Intangible assets		1,131		1,346		2,521
Other assets		404,172		300,783		30,873
		499,201		1,136,659		329,052
Liabilities:						
Trade and other payables	₩	-	₩	591,322	₩	16,697
Borrowing liabilities		5,025		82,624		157,448
Lease liabilities		570		14,838		17,607
Current income tax liabilities		-		, -		1,608
Defined benefit liabilities		-		65,229		1,448
Other liabilities		2,599		146,344		61,174
		8,194		900,357		255,982
Fair value of identifiable		,		•		•
net assets	₩	491,007	₩	236,302	₩	73,070

As of June 30, 2023, 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):

		8 Rivers Capital, LLC	SK ecoengineering Co., Ltd.	Topsun (Co., Ltd.
a. The total consideration transferred (*1)	₩	373,658	₩ 504,023	₩	32,091
b. Fair value of proportionate					
share of acquired net assets:					
Fair value of the net identifiable assets		491,007	236,302		73,070
Non-controlling Interests (*2)		(255,625)	(111,891)	· <u></u>	(58,634)
		235,382	124,411		14,436
c. Goodwill (c=a-b)		138,276	379,612		17,655

^(*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.

36. Subsequent events

36.1 Interim dividend

The Company resolved its interim dividend at its board of directors meeting dated July 26, 2023, and the main contents are as follows.

Description

Dividends ₩1,500 per share (total amount : ₩83,649 million)

Market dividend rate
Dividend base date Dividend base date

Description

₩1,500 per share (total amount : ₩83,649 million)

1.0% for ordinary stock, 1.2% for preferred stock

August 10, 2023

Dividend payout date One month from the date of resolution of the board of directors Based on Article

464-2 (1) of the Commercial Act

36.2 SK Telecom Co., Ltd.'s Dividend Resolution

SK Telecom Co., Ltd., a subsidiary, decided on a quarterly dividend at its board of directors meeting on July 26, 2023, and the main contents are as follows.

Dividends
W830 per share (total amount : ₩181,333 million)

Market dividend rate
Dividend base date
Dividend payout date
Dividend payout date

Description

W830 per share (total amount : ₩181,333 million)

1.78%

June 30, 2023

August 14, 2023

36.3 SK Telecom Co., Ltd.'s acquisition and retirement of treasury stock

SK Telecom Co., Ltd., a subsidiary, decided to acquire and retire treasury stocks at its board of directors meeting on July 26, 2023, and plans to acquire treasury stocks worth \$300,000 million through a trust contract from July 27, 2023, to January 26, 2024 and will then retire \$200,000 million of treasury stocks among the stocks acquired through this contract. However, the estimated retirement amount is calculated based on the closing price (\$46,600) on June 30, 2023, and the final retirement stock quantity and incineration amount may vary depending on the stock price.

36.4 SK Square Co., Ltd.'s sold of Korea Security Holdings Co., Ltd.

SK Square Co., Ltd., a subsidiary, completed the sale of 21,870,273 common shares of Korea Security Holdings Co., Ltd., classified as a subsidiary, to Soteria Bidco SCSp on July 20, 2023, after the end of the reporting period.

36.5 SK Square Co., Ltd.'s stake in NanoEntek Inc. changed to transferee

SK Square Co., Ltd., a subsidiary, decided to change the transferee of NanoEnTek, Inc.'s stake from J&W Partners Co., Ltd. to A Plus Life Co., Ltd A Plus Asset Tower, and AAI Health Care Co., Ltd., on July 12, 2023, and notified J&W Partners Co., Ltd. of the termination of the contract.

36.6 SKC Co., Ltd Signs Stock Transfer Agreement

SKC Co., Ltd., a subsidiary, signed a contract on July 7, 2023 to acquire 6,221,758 shares of ISC Co., Ltd. at \W55,850 per share from Helios No. 1 private equity investment joint venture and two others.

36.7 SKC Co., Ltd.'s participation in paid-in capital increase allocated to third parties

SKC Co., Ltd., a subsidiary, signed a contract on July 7, 2023 to acquire 3,322,889 new shares of ISC Co., Ltd. at \wxi52,665 per share through participation in a third-party allocation paid-in capital increase.

36. Subsequent events (cont'd)

36.8 Acquisition of shares in NEXILIS MANAGEMENT EUROPE B.V

NEXILIS MANAGEMENT EUROPE B.V., a subsidiary of SK Nexilis Inc., a subsidiary, acquired 11,144,805 shares of SK NEXILIS POLAND SP.ZO.O., a subsidiary of SK Nexilis Inc., for \$180,841 million as of July 4.

36.9 Issuance of bonds by SK E&S Co., Ltd.

The subsidiary SK E&S Co., Ltd. issued unguaranteed public bonds after the reporting period, and the details of the issuance are as follows (Korean won in millions):

	<u>Issuance Date</u>	Maturity	Interest rate	Issu	<u>ed amount</u>
19-1	2023-07-11	2026-07-11	4.532%	₩	220,000
19-2	2023-07-11	2028-07-11	4.695%		130,000
19-3	2023-07-11	2030-07-11	4.778%		50,000
Total				₩	400,000

36.10 Issuance of bonds by SK Ecoplant Co., Ltd.

SK Ecoplant Co., Ltd., a subsidiary, issued $\pm 68,000$ million of the 177-1st unguaranteed bonds and $\pm 103,000$ million of the 177-2nd unguaranteed bonds as of July 28, 2023. The repayment dates for bond issuance are January 27, 2025 and July 28, 2025, respectively.

36.11 SK Ecoplant Co., Ltd.'s sold of Environment Management Corporation Co., Ltd.'s preferred stock.

On July 27, 2023, SK Ecoplant Co., Ltd., a subsidiary, sold 356,388 shares of Environmental Facility Management Co., Ltd.'s preferred non-voting shares to outside investors for \$111,350 million.

36.12 SK Networks Co., Ltd. acquires EN-CORE Co., Ltd.'s stock

SK Networks Co., Ltd., a subsidiary, decided to acquire a stake in the related company EN-CORE Co., Ltd. to enter the data management consulting and solution business on July 21, 2023, and will acquire 213,304 shares with an 88.47% stake for \(\prec{\pm}{88}\),470 million on September 21, 2023.

36.13 SK Siltron Co., Ltd. provides security for the transfer of mechanical devices

SK Siltron Co., Ltd., a subsidiary, provided about $\mathbb{W}195.3$ billion in mechanical equipment as transfer security on August 10, 2023 to guarantee the performance of the Wafer long-term supply contract with major customers.

36.14 SK Energy Co., Ltd.'s call option exercise for goodsFlow Co., Ltd's common stock

SK Energy Co., Ltd., a subsidiary, exercised call options for common shares of goodsflow Co., Ltd., which were held by Jeong Tae-jin/Oh Byung-wook, shareholders of Goodflow Co., Ltd., and on August 2, 2023, paid $\mbox{$\mathbb{W}$}34$ billion in return for exercising the call options and acquired an additional 1,014,362 common shares (43.83%). After the exercise of the call option, the parent's stake in goodsFlow Co., Ltd. is 84.83%.

36. Subsequent events (cont'd)

36.15 SK Biopharmaceuticals acquires stake in Proteovant Sciences, Inc.

SK Biopharmaceuticals Inc., a subsidiary, is acquiring a 60% stake in ProteoVant Sciences, Inc., classified as a related company investment as of the end of the reporting period, for USD 47.5 million to secure global-level Targeted Protein Degradation (TPD) technology. The company's operating performance and assets and liabilities will be recognised in the third quarter of 2023, and it is difficult to accurately predict the amount as of the end of June 30, 2023.