

SK Inc.

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

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

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

Report on review of interim condensed separate financial statements

The Shareholders and Board of Directors SK Inc.

We have reviewed the accompanying interim condensed separate financial statements of SK Inc. (the "Company"), which comprise the interim condensed separate statement of financial position as of September 30, 2021, and the related interim condensed separate statements of comprehensive income for the three-month and nine-month periods ended September 30, 2021 and 2020, interim condensed separate statements of changes in equity and interim condensed separate statements of cash flows for the nine-month periods then ended, and a summary of significant accounting policies and other explanatory information.

Management's responsibility for the interim condensed separate financial statements

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

Auditor's responsibility

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

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



Conclusion

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

Other matter

We have audited the separate statement of financial position of the Company as of December 31, 2020, and the related separate statement of comprehensive income, separate statement of changes in equity and separate statement of cash flows for the year then ended (not presented herein) in accordance with KGAAS, and our report dated March 12, 2021 expressed an unqualified opinion thereon. The accompanying separate statement of financial position as of December 31, 2020, presented for comparative purposes is not different, in all material respects, from the above audited separate statement of financial position.

Einst Joung Han Young

November 15, 2021

This review report is effective as of November 15, 2021, the independent auditor's review report date. Accordingly, certain material subsequent events or circumstances may have occurred during the period from the independent auditor's review report date to the time this review report is used. Such events and circumstances could significantly affect the accompanying interim condensed separate financial statements and may result in modifications to this review report.

SK Inc.

Interim condensed separate financial statements for the nine-month periods ended September 30, 2021 and 2020

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

Tae-won Chey, Dong-Hyun Jang and Sungha Park Chief Executive Officers SK Inc.

SK Inc. Interim condensed separate statements of financial position as of September 30, 2021 and December 31, 2020 (Korean won in millions and U.S. dollar in thousands)

			Korea	n won	I	Translation into U.S. dollar (Note 2)				
		Se	eptember 30, 2021				September 30, 2021	-		
	Notes	(Unaudited)	Dece	mber 31, 2020		(Unaudited)	Dec	ember 31, 2020	
Assets										
Current assets:										
Cash and cash equivalents	4	₩	74,890	₩	79,743	\$	63,204	\$	67,299	
Short-term financial instruments	4,30		285,877		238,046		241,267		200,900	
Trade receivables, net	4,5,26,30		428,986		474,735		362,044		400,654	
Other receivables, net	4,26,30		1,008		3,747		851		3,162	
Inventories, net	6		266		142		224		120	
Other current assets	4,17,18,26,30		714,347		58,814		602,875		49,636	
Assets held for sales	27		643,093		697,130		542,740		588,345	
Total current assets			2,148,467	·	1,552,357	·	1,813,205	·	1,310,116	
Non-current assets:										
Long-term investment securities	4,7,30		680,647		674,891		574,434		569,576	
Investments in subsidiaries	8		19,450,377		18,025,048		16,415,206		15,212,295	
Investments in associates and										
joint ventures	9		614,815		354,632		518,875		299,293	
Property, plant and equipment, net	10		538,769		534,196		454,696		450,836	
Right-of-use asset, net	11		126,781		93,981		106,997		79,316	
Investment properties, net	12		7,281		7,845		6,145		6,621	
Intangible assets, net	13		2,171,020		2,154,137		1,832,239		1,817,991	
Other non-current assets	4,17,18,26,30		342,848		195,310		289,348		164,832	
Total non-current assets			23,932,538		22,040,040		20,197,940		18,600,760	
Total assets		₩	26,081,005	₩	23,592,397	\$	22,011,145	\$	19,910,876	
Liabilities and equity										
Liabilities										
Current liabilities:										
Short-term borrowings	4,14,30	₩	1,905,000	₩	715,000	\$	1,607,731	\$	603,426	
Trade payables	4,26,30		102,802		85,276		86,760		71,969	
Other payables	4,26,30		106,126		123,310		89,565		104,068	
Accrued expenses	4,26,30		58,705		78,106		49,544		65,918	
Provisions	15		2,494		6,147		2,105		5,188	
Current portion of long-term debt	4,14,30		1,059,491		1,051,406		894,161		887,337	
Other current liabilities	4,11,17,18,26,30		606,797		450,384		512,108		380,103	
Total current liabilities			3,841,415		2,509,629	_	3,241,974		2,118,009	
Non-current liabilities:										
Bonds payable	4,14,30		5,516,236		5,336,808		4,655,444		4,504,016	
Defined benefit liabilities	16		77,097		42,390		65,066		35,775	
Deferred tax liabilities	24		308,358		324,386		260,240		273,767	
Provisions	15		2,314		2,314		1,953		1,953	
Other non-current liabilities	4,11,17,18,26,30		650,506		545,307		548,997		460,214	
Total non-current liabilities			6,554,511		6,251,205		5,531,700		5,275,725	
Total liabilities			10,395,926		8,760,834		8,773,674		7,393,734	
Equity										
Issued capital	1,19		15,385		15,385		12,984		12,984	
Other paid-in capital	19		3,506,801		3,506,168		2,959,575		2,959,041	
Retained earnings	19		12,154,718		11,301,835		10,258,013		9,538,218	
Other components of equity	19		8,175		8,175		6,899		6,899	
Total equity	10		15,685,079		14,831,563	_	13,237,471	·	12,517,142	
Total lishilities and emitted			00 004 005	111	00 500 007	*	00.044.445	*	40.040.070	
Total liabilities and equity		₩	26,081,005	₩	23,592,397	\$	22,011,145	<u>\$</u>	19,910,876	

SK Inc. Interim condensed separate statements of comprehensive income for the three-month and nine-month periods ended September 30, 2021 and 2020 (Korean won in millions, except earnings per share)

					Korea	an won	1		
			Septembe (Unau	er 30, udited			Septembe (Unau	er 30, udited	
	Notes	Thr	Three-month		ine-month	Three-month		N	ine-month
Operating revenue Operating expenses	20,26 21,22,26	₩	617,852 481,091	₩	1,984,877 1,337,368	₩	988,058 455,359	₩	2,931,090 1,302,437
	21,22,20		401,001		1,001,000		400,000		1,002,401
Operating profit			136,761		647,509		532,699		1,628,653
Finance income	23		29,853		55,136		2,793		9,232
Finance costs	23		108,124		221,836		43,440		139,280
Other non-operating income	23		25,979		1,096,253		264,998		524,129
Other non-operating expenses	23		3,281		13,740		11,088		27,214
Profit before income tax expense			81,188		1,563,322		745,962		1,995,520
Income tax expense	24		13,360		316,269		85,771		299,071
Profit for the period		₩	67,828	₩	1,247,053	₩	660,191	₩	1,696,449
Other comprehensive income (loss): Items that will not to be reclassified to profit or loss in subsequent periods (net of tax): Remeasurement gain (loss) on defined									
benefit plans	16		3,812		2,393		(1,568)		(15,405)
Total comprehensive income for the period		₩	71,640	₩	1,249,446	₩	658,623	₩	1,681,044
Earnings per share (Korean won): Basic earnings per share Diluted earnings per share	25	₩	1,280 1,278	₩	23,776 23,727	₩	12,611 12,596	₩	32,390 32,355

(Continued)

SK Inc. Interim condensed separate statements of comprehensive income for the three-month and nine-month periods ended September 30, 2021 and 2020 (cont'd) (U.S. dollar in thousands, except earnings per share)

				Tr	anslation into l	J.S. (dollar (Note 2)		
			Septembe		•		Septembe		
			(Unau	dite	d)		(Unaเ	udited	l)
	Notes	Th	ree-month		Nine-month	-	Three-month	1	Nine-month
Operating revenue	20,26	\$	521,438	\$	1,675,143	\$	833,875	\$	2,473,702
Operating expenses	21,22,26		406,018		1,128,676		384,302	·	1,099,196
Operating profit			115,420		546,467		449,573		1,374,506
Finance income	23		25,195		46,532		2,357		7,791
Finance costs	23		91,252		187,219		36,661		117,546
Other non-operating income	23		21,925		925,186		223,646		442,340
Other non-operating expenses	23		2,768		11,596		9,358		22,966
Profit before income tax expense			68,520		1,319,370		629,557		1,684,125
Income tax expense	24		11,275		266,916		72,387		252,402
Profit for the period		\$	57,245	\$	1,052,454	\$	557,170	\$	1,431,723
Other comprehensive income (loss): Items that will not to be reclassified to profit or loss in subsequent periods (net of tax): Remeasurement gain (loss) on defined									
benefit plans	16		3,217		2,020		(1,323)		(13,001)
Total comprehensive income for the period		\$	60,462	\$	1,054,474	\$	555,847	<u>\$</u>	1,418,722
Earnings per share (U.S. dollar): Basic earnings per share Diluted earnings per share	25	\$	1 1	\$	20 20	\$	11 11	\$	27 27

SK Inc. Interim condensed separate statements of changes in equity for the nine-month periods ended September 30, 2021 and 2020

(Korean won in millions and U.S. dollar in thousands)

							Oth	er components		
	lss	ued capital	Other	paid-in capital	Re	etained earnings		of equity		Total equity
As of January 1, 2020	₩	15,385	₩	3,504,680	₩	9,870,812	₩	11,685	₩	13,402,562
Total comprehensive income for the period:										
Profit for the period		-		-		1,696,449		-		1,696,449
Remeasurement loss on defined benefits plans		-		-		(15,405)		-		(15,405)
Transaction with shareholders recognized directly to equity:										
Dividends		-		-		(264,372)		-		(264,372)
Stock option		-		653		-		-		653
Proceeds from disposal of treasury shares		-		608		-		-		608
As of September 30, 2020 (Unaudited)	₩	15,385	₩	3,505,941	₩	11,287,484	₩	11,685	₩	14,820,495
As of January 1, 2021	₩	15,385	₩	3,506,168	₩	11,301,835	₩	8,175	₩	14,831,563
Total comprehensive income for the period:						4 0 47 050				4 0 47 0 50
Profit for the period		-		-		1,247,053		-		1,247,053
Remeasurement gain on defined benefits plans		-		-		2,393		-		2,393
Transaction with shareholders recognized directly to equity:						(000 500)				(200 502)
Dividends		-		-		(396,563)		-		(396,563)
Stock option		-		514		-		-		514
Proceeds from disposal of treasury shares		-		119		-		-		119
As of September 30, 2021 (Unaudited)	₩	15,385	₩	3,506,801	₩	12,154,718	₩	8,175	₩	15,685,079

	ls	sued capital	Oth	er paid-in capital	 Retained earnings	0	other components of equity	 Total equity
As of January 1, 2020	\$	12,984	\$	2,957,785	\$ 8,330,502	\$	9,862	\$ 11,311,133
Total comprehensive income: Profit for the period Remeasurement loss on defined benefits plans Transaction with shareholders recognized directly to equity:		:		:	1,431,723 (13,001)		:	1,431,723 (13,001)
Dividends		-		-	(223,118)		-	(223,118)
Stock option		-		551	-		-	551
Proceeds from disposal of treasury shares		-		513	-		-	513
As of September 30, 2020 (Unaudited)	\$	12,984	\$	2,958,849	\$ 9,526,106	\$	9,862	\$ 12,507,801
As of January 1, 2021 Total comprehensive income:	\$	12,984	\$	2,959,041	\$ 9,538,218	\$	6,899	\$ 12,517,142
Profit for the period		-		-	1.052.454		-	1,052,454
Remeasurement gain on defined benefits plans		-		-	2,020		-	2,020
Transaction with shareholders recognized directly to equity: Dividends		-		-	(334,679)		-	(334,679)
Stock option		-		434	-		-	434
Proceeds from disposal of treasury shares		-		100	 -		-	 100
As of September 30, 2021 (Unaudited)	\$	12,984	\$	2,959,575	\$ 10,258,013	\$	6,899	\$ 13,237,471

SK Inc. Interim condensed separate statements of cash flows for the nine-month periods ended September 30, 2021 and 2020 (Korean won in millions and U.S. dollar in thousands)

			For th	ne ni	ne-month peri	ods	ended Septem	ber 3	30
	-				•		Translation in		
	-		Korea	an we	on		(Not	te 2)	
			2021		2020		2021		2020
	Notes	(L	Jnaudited)	(Unaudited)		(Unaudited)	(Unaudited)
Cash flows from operating activities:									
Profit for the period		₩	1,247,053	₩	1,696,449	\$	1,052,454	\$	1,431,723
Non-cash adjustments	28		(1,044,241)		(1,455,029)		(881,290)		(1,227,976)
Working capital adjustments	28		44,119		(30,685)		37,234		(25,897)
Interest received			9,848		3,528		8,311		2,977
Interest paid			(124,399)		(136,630)		(104,987)		(115,309)
Dividends received			555,830		1,472,885		469,094		1,243,046
Income taxes paid	-		(419,763)	·	(10,281)		(354,260)	-	(8,677)
Net cash provided by operating activities	-		268,447		1,540,237		226,556		1,299,887
Cash flows from investing activities:									
Changes in short-term and long-term financial instruments, net			(47,831)		12,756		(40,367)		10,765
Decrease (increase) in loans, net			(430,341)		3,036		(363,188)		2,562
Proceeds from disposal of long-term investment securities			5,096		-		4,301		-
Proceeds from disposal of investments in subsidiaries			1,390,210		303,255		1,173,272		255,933
Proceeds from disposal of investments in associates			42.537		470.067		35,899		396,714
Proceeds from disposal of property, plant and equipment			36		338		30		285
Proceeds from disposal of intangible assets			1,996		700		1,685		591
Acquisition of long-term investment securities			(33,272)		(109,896)		(28,080)		(92,747)
Acquisition of investments in subsidiaries			(1,731,200)		(388,628)		(1,461,052)		(327,984)
Acquisition of investments in associates			(298,271)		(82,647)		(251,727)		(69,750)
Acquisition of property, plant and equipment			(40,156)		(47,628)		(33,890)		(40,196)
Acquisition of intangible assets			(40,363)		(44,495)		(34,064)		(37,552)
Decrease (increase) in guarantee deposits, net			(27,112)		(2,418)		(22,881)		(2,041)
Decrease (increase) in guarantee deposits, net	-		(27,112)	·	(2,410)		(22,001)	-	(2,041)
Net cash provided by (used in) investing activities	-		(1,208,671)	·	114,440		(1,020,062)		96,580
Cash flows from financing activities:									
Increase (decrease) in short-term borrowings, net			1,190,000		(1,260,000)		1,004,304		(1,063,381)
Issuance of bonds payable			1,005,898		955,928		848,931		806,758
Payment of dividends			(396,557)		(264,372)		(334,676)		(223,118)
Repayment of current portion of long-term debt			(820,000)		(690,000)		(692,042)		(582,328)
Decrease in lease liabilities			(44,548)		(42,073)		(37,596)		(35,508)
Proceeds from disposal of treasury shares	-		-	·	608		-		513
Net cash provided by (used in) financing activities	-		934,793		(1,299,909)		788,921		(1,097,064)
Net increase (decrease) in cash and cash equivalents			(5,431)		354,768		(4,585)		299,403
Net foreign exchange effects			578		(2)		490		(2)
Cash and cash equivalents at the beginning of the period			79,743		57,805		67,299		48,785
Cash and cash equivalents at the end of the period	-	₩	74,890	₩	412,571	\$	63,204	\$	348,186
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1. Corporate information

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

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

As of September 30, 2021, the issued capital of the Company amounts to \$15,385 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 18.44%, 8.16% and 6.85%, respectively, as of September 30, 2021.

2. Summary of basis of preparation and significant accounting policies

2.1 Basis of preparation

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

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

The accompanying interim condensed separate financial statements are stated in Korean won, the currency of the country in which the Company is incorporated and operates. The translation of Korean won amounts into U.S. dollar amounts is included solely for the convenience of readers of the interim condensed separate financial statements and has been made at the rate of W1,184.90 to USD 1.00, the basic exchange rate in the Seoul Money Brokerage Service for cable transfers in Korean won on the last business day of the year ended September 30, 2021. Such translations into U.S. dollar should not be construed as representations that the Korean won amounts could be converted into U.S. dollar at that or any other rate.

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

2.2 Significant accounting policies

The accounting policies adopted in the preparation of the interim condensed separate financial statements are consistent with those followed in the preparation of the Company's annual separate financial statements for the year ended December 31, 2020, except for the adoption of new standards and interpretations effective as of January 1, 2021.

2.2.1 New and revised KIFRSs adopted in the current period

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

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

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

2.2.2 New and revised KIFRSs issued, but not yet effective

KIFRS 1001 Presentation of Financial Statements (Amended)

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

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

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

KIFRS 1016 - Property, Plant and Equipment (Amended)

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

KIFRS 1103 - Business Combinations (Amended)

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

2.2.2 New and revised KIFRSs issued, but not yet effective (cont'd)

KIFRS 1116 Leases (Amended)

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

2018-2020 Annual improvements to KIFRS

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

The Company is reviewing the possible effects of the above listed amendments on the separate financial statements.

3. Significant accounting judgments, estimates and assumptions

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

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

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

4. Financial instruments

4.1 Financial assets

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

		September 30	0, 2021	
	Financial assets measured	Financial assets measured	Financial assets measured at	- / /
	at FVTPL	at FVOCI	amortized cost	Total
Current assets:				
Cash and cash equivalents	₩ 54,397	₩ -	₩ 20,493	₩ 74,890
Short-term financial instruments	260,977	-	24,900	285,877
Trade receivables (*1)	-	-	212,948	212,948
Other receivables	-	-	1,008	1,008
Short-term loans	-	-	460,334	460,334
Accrued income	-	-	1,379	1,379
Guarantee deposits	-	-	2,173	2,173
Lease receivables	-	-	35,655	35,655
Derivative financial assets	175,982			175,982
	491,356		758,890	1,250,246
Non-current assets:				
Long-term financial instruments	-	-	3,268	3,268
Long-term investment securities	376,075	304,134	438	680,647
Long-term guarantee deposits	-	-	42,408	42,408
Long-term lease receivables	-	-	297,045	297,045
-	376,075	304,134	343,159	1,023,368
	₩ 867,431	₩ 304,134	₩ 1,102,049	₩ 2,273,614

(*1) Contract assets (unbilled receivables) amounting to ₩216,038 million as of September 30, 2021 are not included in the financial instruments.

				December 31	, 202	20		
	Fir	ancial assets measured at FVTPL	Fi	nancial assets measured at FVOCI	m	nancial assets neasured at nortized cost		Total
Current assets:								
Cash and cash equivalents	₩	61,919	₩	-	₩	17,824	₩	79,743
Short-term financial instruments		205,146		-		32,900		238,046
Trade receivables (*1)		-		-		359,109		359,109
Other receivables		-		-		3,747		3,747
Accrued income		-		-		66		66
Guarantee deposits		-		-		8,886		8,886
Lease receivables		-		-		33,189		33,189
Derivative financial assets		1,237		-				1,237
		268,302		-		455,721		724,023
Non-current assets:								
Long-term financial instruments		-		-		3,268		3,268
Long-term investment securities		374,753		299,730		408		674,891
Long-term guarantee deposits		-		-		16,002		16,002
Derivative financial assets		<u> 175,913</u>		-		-		<u> 175,913</u>
		550,666		299,730		<u> 19,678</u>		870,074
	₩	818,968	₩	299,730	₩	475,399	₩	1,594,097

(*1) Contract assets (unbilled receivables) amounting to #115,626 million as of December 31, 2020 are not included in the financial instruments.

4.2 Financial liabilities

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

		September 30, 202	1
	Financial liabilities	-	
	measured at FVTPL	Other financial liabilities	Total
Current liabilities:			
Short-term borrowings	₩ -	₩ 1,905,000	₩ 1,905,000
Trade payables	-	102,802	102,802
Other payables	-	106,126	106,126
Accrued expenses	-	58,705	58,705
Dividends payable	-	162	162
Current portion of	-	1,059,491	1,059,491
long-term debt			
Deposits withheld	-	222	222
Lease liabilities	-	66,633	66,633
Derivative financial liabilities	254,904		254,904
	254,904	3,299,141	3,554,045
Non-current liabilities:			
Bonds payable	-	5,516,236	5,516,236
Deposits withheld	-	23,740	23,740
Long-term lease liabilities	-	375,295	375,295
Derivative financial liabilities	241,808		241,808
	241,808	5,915,271	6,157,079
	₩ 496,712	₩ 9,214,412	₩ 9,711,124

		December 31, 2020	
	Financial liabilities		
	measured at FVTPL	Other financial liabilities	Total
Current liabilities:			
Short-term borrowings	₩ -	₩ 715,000	₩ 715,000
Trade payables	-	85,276	85,276
Other payables	-	123,310	123,310
Accrued expenses	-	78,106	78,106
Current portion of	-	1,051,406	1,051,406
long-term debt			
Deposits withheld	-	5,639	5,639
Lease liabilities	-	60,787	60,787
Derivative financial liabilities	133		133
	133	2,119,524	2,119,657
Non-current liabilities:			
Bonds payable	-	5,336,808	5,336,808
Deposits withheld	-	11	11
Long-term lease liabilities	-	67,634	67,634
Derivative financial liabilities	468,032		468,032
	468,032	5,404,453	5,872,485
	₩ 468,165	₩ 7,523,977	₩ 7,992,142

4.3 Fair values of financial instruments by hierarchy level

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

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

Details of fair value of financial instruments by hierarchy level as of September 30, 2021 and December 31, 2020 are as follows (Korean Won in millions):

				Septem	ber 3	30, 2021		
		Level 1		Level 2		Level 3		Total
Financial assets:								
Financial assets measured at FVTPL	₩	315,374	₩	-	₩	376,075	₩	691,449
Financial assets measured at FVOCI		-		-		304,134		304,134
Derivative financial assets		-		69		175,913		175,982
	₩	315,374	₩	69	₩	856,122	₩	1,171,565
Financial liabilities:								
Derivative financial liabilities	₩	-	₩	28,712	₩	468,000	₩	496,712
	_			Decem	ber 3	31, 2020		
	_	Level 1		Decem Level 2	ber 3	31, 2020 Level 3		Total
Financial assets:		Level 1			ber 3			Total
Financial assets: Financial assets measured at FVTPL	₩	Level 1 267,065	₩		<u>ber 3</u> 		₩	<u>Total</u> 641,818
	₩		₩			Level 3	₩	
Financial assets measured at FVTPL	₩		₩			Level 3 374,753	₩	641,818
Financial assets measured at FVTPL Financial assets measured at FVOCI	₩		₩	Level 2 -		Level 3 374,753 299,730	₩	641,818 299,730
Financial assets measured at FVTPL Financial assets measured at FVOCI		267,065 - -		Level 2 - 1,237	₩	Level 3 374,753 299,730 175,913		641,818 299,730 177,150

Changes in Level 3 financial assets for the nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		For the nine-month period ended September 30, 2021										
	В	eginning							Ending			
	b	alance	A	cquisition		Valuation		Transfer	balance			
Financial assets measured at FVTPL	₩	374,753	₩	23,301	₩	49	₩	(22,028) ₩	376,075			
Financial assets measured at FVOCI		299,730		9,971		-		(5,567)	304,134			
Derivative financial asset	S	175,913		-		-		-	175,913			
	₩	850,396	₩	33,272	₩	49	₩	<u>(27,595)</u> ₩	856,122			
			For	the nine-mor	nth p	period ended S	Septe	ember 30, 2020				
	В	eginning						·	Ending			
	b	alance	A	cquisition		Valuation		Transfer	balance			
Financial assets measured at FVTPL	₩	286,497	₩	106,523	₩	213	₩	(17,505) ₩	375,728			
Financial assets measured at FVOCI		296,095		3,554		-		-	299,649			
Derivative financial asset	s	384,580		_		_			384,580			

5. Trade receivables

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

	Septer	mber 30, 2021	December 31, 2020		
Trade receivables:					
Trade receivables	₩	214,016	₩	360,505	
Contract assets (unbilled receivables)		216,038		115,626	
		430,054		476,131	
Allowance for doubtful accounts:					
Trade receivables		<u>(1,068)</u>		<u>(1,396</u>)	
	₩	428,986	₩	474,735	

6. Inventories

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

		September 30, 2021					December 31, 2020					
	Ac	Acquisition Valuation				A	cquisition	Valuation				
		Cost	allowance	Book	Book value		Cost	allowance	Book value			
Raw materials	₩	266	₩ -	₩	266	₩	142	₩ -	₩	142		

7. Investment securities

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

	<u> </u>	Septembe	er 30	, 2021	December 31, 2020			
	A	cquisition Cost		Book value		Cost		Book value
Financial assets								
measured at FVTPL:								
Equity instruments	₩	90,790	₩	-	₩	90,790	₩	-
Debt securities (*1)		304,459		317,297		298,621		311,459
Money invested and others		57,320		58,778		61,886		63,294
Financial assets measured at FVOCI:								
Equity instruments (*2)		293,348		304,134		288,943		299,730
Financial assets measured at amortized cost:								
Debt securities		322		438		322		408
	₩	746,239	₩	680,647	₩	740,562	₩	674,891

(*1) Represents convertible redeemable preference shares of GRAB Holdings Inc. and others, convertible bonds of Halio, Inc. (formerly, Kinestral Technologies Inc.) and others.

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

7. Investment securities (cont'd)

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

	Septembe	er 30, 2021	December 31, 2020			
	Acquisition cost	Book value	Acquisition cost	Book value		
Non-marketable equity instruments	₩ 384,138	₩ 304,134	₩ 379,733	₩ 299,730		
Debt securities	304,781	317,735	298,943	311,867		
Money invested and others	57,320	58,778	61,886	63,294		
	₩ 746,239	₩ 680,647	₩ 740,562	₩ 674,891		

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

	F	For the nine-month periods ended								
	Septen	<u>nber 30, 2021</u>	Septer	<u>mber 30, 2020</u>						
Beginning balance	\mathbb{W}	674,891	₩	583,027						
Acquisitions		33,272		110,077						
Gain on valuation and amortized		79		246						
Transfer and others		<u>(27,595)</u>		<u>(17,505</u>)						
Ending balance	₩	680,647	₩	675,845						

8. Investments in subsidiaries

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

			c	September 30, 2	021	December 31, 2020
		—	Equity	September 30, 2	021	2020
		Principal	ownership	Acquisition		
	Domicile	business activity	(%) (*1)	cost	Book value	Book value
SK Innovation Co., Ltd. (*2)	Korea	Resource development	33.40	₩ 3,072,937		
SK Telecom Co., Ltd. (*2)	Korea	Mobile	30.01	5.416.019	5.416.019	5,416,019
SK Telecolli Co., Liu. (2)	Kulea	Tele-communication	30.01	5,410,019	5,410,019	5,410,019
SK Networks Co., Ltd. (*2)	Korea	Trading and distribution	39.14	706.229	706.229	706.229
SKC Co., Ltd. (*2)	Korea	Petrochemicals	40.64	548,654	548,654	548,654
SK E&S Co., Ltd.	Korea	City gas business	90.00	2.600.000	2,600,000	2,600,000
SK ecoplant Co., Ltd. (formerly, SK	Korea	Construction	44.48	545,300	545,300	2,000,000
Engineering & Construction Co., Ltd.) (*2)	Rolea	Construction	44.40	040,000	545,500	040,000
SK Siltron Co., Ltd.	Korea	Manufacturing and sales	51.00	622,606	622,606	622,606
or oniton co., Etc.	Norea	of silicon thin sheet	51.00	022,000	022,000	022,000
SK Materials Co., Ltd. (*2)	Korea	Special-gas	49.10	473,335	473,335	473,335
Sit Materials CO., Etc. (2)	Norea	manufacturing and sales	43.10	470,000	470,000	475,555
SK Biopharmaceuticals Co., Ltd. (*3)	Korea	Medicine and life science	64.02	369,226	369,226	432,562
SK REITS Co., Ltd.(*4)	Korea	Real estate development	50.00	387,551	387,551	402,002
	Roica	and trading	00.00	007,001	007,001	
Hweechan Co., Ltd.	Korea	Resort business	100.00	335,912	335,912	335,912
Signet EV Inc. (*5)	Korea	Manufacturing of motors,	0.00	293,236	293,236	-
		generators, and electrical	0.00	200,200	200,200	
		conversion devices				
SK Forest Co., Ltd.	Korea	Landscape construction	100.00	61,387	61,387	61,387
SK REITs Management Co., Ltd. (*4)	Korea	Real estate acquisition	100.00	7,000	7,000	-
or rent wanagement oo., Etd. (4)		and rental and development		1,000	1,000	
SK Pharmteco Inc. (*6)	USA	Investment	100.00	1,224,950	1,224,950	875.245
Plutus Capital NY I, Inc. (*6)	USA	Investment	100.00	847,076	847,076	587,542
SK China Company, Ltd. (*7)	Hong Kong		27.42	557,117	557,117	557,117
or onna company, Eta. (7)	riong riong	and investment	27.12	001,111	007,117	001,111
SK South East Asia Investment Pte. Ltd. (*7)	Singapore	Investment	20.00	345.010	345,010	345,010
Golden Pearl EV Solutions Limited	Hong Kong		100.00	281,360	281,360	281,360
Einstein Cayman Limited	Cayman	Investment	100.00	181,728	181,728	181,734
Tellus Investment Partners, Inc.	USA	Investment	100.00	107,013	107,013	52,667
(formerly, I Cube Capital II, Inc.) (*6)				,	,	,:
Plutus Fashion NY, Inc.	USA	Fashion	100.00	74.113	74.113	74.113
Saturn Agriculture Investment Co., Ltd.	Hong Kong		81.00	67,093	67,093	67,093
Plutus Capital NY II, Inc. (*4)	ŬSA	Investment	100.00	57,049	57,049	-
SK Japan Investment Inc. (*4,7)	Japan	Investment	25.00	50,940	50,940	-
I Cube Capital, Inc. (*6)	USA	Investment	100.00	40,289	40,289	37.275
Energy Solution Holdings Inc. (*7)	USA	Investment	39.97	36,432	36,432	36,432
Socar Mobility Malaysia, SDN, BHD.	Malaysia	Rental of cars	66.30	29,221	29,221	29,221
SK S.E.Asia Pte. Ltd.	Singapore	Investment	100.00	25,847	25.847	25.847
SK C&C Beijing Co., Ltd.	China	Computer system	100.00	25,481	25,481	25,481
Castanea Bioscience Inc. (*4)	USA	Investment	100.00	23,883	23,883	-
SK Investment Management Co., Ltd. (*6)	Hong Kong	Investment	80.76	10,099	10,099	9,201
SK GI Management	Cayman	Investment	100.00	9,523	9.523	9.523
Gemini Partners Pte. Ltd. (*6)	Singapore	Consulting	20.00	6,018	2,601	2,601
SK MENA Investment B.V. (*6)	Netherlands	Investment	11.54	5,178	5,178	5,178
SK Latin Americas Investment S.A. (*6)	Spain	Investment	11.54	5,135	5,135	5,135
SK C&C India Pvt. Ltd.(*8)	India	Computer system	100.00	3,442	-	382
SK C&C USA, Inc. (*4)	USA	IT service	100.00	1,971	1,971	-
SK Technology Innovation Company (*7)	Cayman	Research and	2.12	1,876	1,876	1,876
	-	development				
S&G Technology (*8)	Saudi Arabia	a Computer system	51.00	74		74
				₩ 19,457,310	₩ 19,450,377	₩ 18,025,048
					·	

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

- (*2) SK Innovation Co., Ltd. and 5 other companies were classified as investments in subsidiaries as the Company is able to exercise de facto control. The remaining voting rights of SK Innovation Co., Ltd. and 5 other companies are widely dispersed, and the Company's voting rights are sufficient to give it power.
- (*3) During the nine-month period ended September 30, 2021, the shares of subsidiary SK Biopharmaceuticals Co., Ltd. changed from 75.00% to 64.20%.
- (*4) Newly established during the nine-month period ended September 30, 2021.
- (*5) During the nine-month period ended September 30, 2021, the Company acquired the entity's convertible preferred shares with voting rights and resulted in holding 53.38% of the voting rights.
- (*6) Additional investment was made during the nine-month period ended September 30, 2021.

8. Investments in subsidiaries (cont'd)

(*7) Classified as investments in subsidiaries as control can be exercised using indirect equity ownership through the Company's subsidiaries.

(*8) Recognized 100% as impairment during the nine-month period ended September 30, 2021.

(2) Fair value of marketable investments in subsidiaries as of September 30, 2021 is as follows (Korean won in millions):

	Sept	ember 30, 2021
SK Innovation Co., Ltd.	\mathbb{W}	8,184,204
SK Telecom Co., Ltd.		7,006,215
SK Networks Co., Ltd.		501,257
SKC Co., Ltd.		2,600,910
SK Materials Co., Ltd.		2,148,056
SK Biopharmaceuticals Co., Ltd.		5,113,764
SK REITS CO., LTD.		463,511
Signet EV Inc.		442,603

9. Investments in associates and joint ventures

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

			:	Septer	mber 30, 20	021		Deo	cember 31, 2020
		Principal business	Equity		cquisition		Book		Book
	Domicile	activity	ownership (%)		cost		value		value
Investments in associates:									
Socar, Inc. (*1)	Korea	Rental of cars	22.16	₩	109,304	₩	109,304	₩	109,304
SMCore Inc.	Korea	Manufacturing and	26.60		39,419		39,419		39,419
		sales of automated logistics system			,		,		
Yespowertechnix (*2)	Korea	Semiconductor manufacturing	34.61		26,977		26,977		-
K-solar 2 Co., Ltd. (*3)	Korea	Solar power generation							20,588
Standigm Inc. (*1,4,5)	Korea	medicine development	- 12.14		- 14,410		14.410		9,402
Cloocus Co., Ltd. (*1,5)	Korea	Information and	16.75		6,500		6,500		9,402 6,500
Clobcus Co., Ltd. (1,5)	Norea	communication service	10.75		0,500		0,500		0,500
Begas Co., Ltd. (*1,5)	Korea	Management consulting	17.86		5,000		5,000		5,000
Degas 66., Etd. (1,5)	Roica	Management consulting	17.00		5,000		5,000		5,000
THiRA-UTECH Co., Ltd. (*5)	Korea	Service manufacturing	13.80		4,200		4,200		4,200
PUMP Co., Ltd. (*1,5)	Korea	Electric kickboard rental	12.17		3.000		3.000		3,000
ACRYL Inc. (*1,5)	Korea	Information service	17.14		2,500		2,500		2,500
TWO LINE CODE Inc.	Korea	Software development	33.77		2,500		2,500		2,500
The Wave Talk, Inc. (*2,5)	Korea	Manufacturing and	4.65		2,038		2,038		2,000
	Rorod	technical services	1.00		2,000		2,000		
Todo Works Corp. (*2,5)	Korea	Handicapped aids and medical device sales	10.52		2,037		2,037		-
Daehan Kanggun	Korea	Wired communication	0.20		58		_		_
BcN Co., Ltd. (*1,6)	Roica	When communication	0.20		50		-		_
ProteoVant Sciences, Inc. (*2)	USA	Medicine research	40.00		222,370		222,370		-
	-								
SES Holdings Pte. Ltd. (*1,4,5)	Singapore	Investment	12.86		69,735		69,735		28,791
Belstar Superfreeze (*1,4) Holdings, LLC	Cayman	Warehouse business	25.00		36,839		36,839		25,232
9352-7281 Quebec Inc.	Canada	Investment	40.09		31,558		31,558		31.558
Hummingbird Bioscience (*1,4,5)	Singapore	Antibody drugs	8.14		13,150		13,150		7,434
Holdings Pte. Ltd.	Olligapore	and development	0.14		10,100		10,100		7,404
FSK Holdings Co., Ltd.	Hong Kong		30.00		11,937		6,245		6,245
Halio, Inc. (foremly, Kinestral	USA	Manufacturing	2.13		8,498		8,498		8,498
Technologies Inc.) (*1,5)		discolored glass			-,		-,		_,
Visible Patient S.A.S (*1,4,5)	France	Pharmaceutical	22.14		7,507		7,507		4,461
		manufacturing			.,		.,		.,
Mozido Corfire, Inc. (*5)	USA	System consulting related to medicine	19.94		6,767		-		-
DSK EV Investment Limited. (*2,5) Cavman	Investment	3.32		1,028		1,208		-
(,	,,			₩	627,332	₩	614,815	₩	314,632
Investments in joint ventures:									. ,
Hana Land Chip PEF 33 (*7)	Korea	Real estate	-	₩	-	₩	-	₩	40,000
1 \ /				₩	627,332	₩	614,815	-	354,632

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

(*2) Newly acquired during the nine-month period ended September 30, 2021.

(*3) During the nine-month period ended September 30, 2021, the Company sold all of its holdings.

(*4) Additional investment was made during the nine-month period ended September 30, 2021.

(*5) As the Company is able to exercise significant influence over the entity although its ownership

- interest is less than 20%, the investment in the entity was classified as investments in associates.(*6) The investment in the entity was classified as investments in associates and joint ventures based on the indirect ownership interest of the Company's subsidiary.
- (*7) During the nine-month period ended September 30, 2021, the Company obtained additional 34.80% shares of Hana Land Chip PEF 33, resulted in acquisition of control and liquidated the entity.

10. Property, plant and equipment

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

			September 30, 20)21	December 31, 2020						
	A	cquisition	Accumulated				cquisition	Accumulated			
	-	cost	depreciation	Book val	le		cost	depreciation		<u>Book value</u>	
Land	₩	100,179	₩ -	₩ 100,	179	₩	96,251	₩ .	•₩	96,251	
Buildings		356,558	(75,102)	281,4	156		353,116	(67,346	5)	285,770	
Structures		9,734	(1,821)	7,9	913		9,734	(1,524	.)	8,210	
Vehicles		12,467	(3,873)	8,	594		12,533	(3,288	5)	9,245	
Furniture and fixtures		400,632	(283,512)	117,	120		385,412	(264,132	2)	121,280	
Construction-in-progress		23,507		23,	<u>507</u>	-	13,440		·	13,440	
	₩	903,077	₩ (364,308)	₩ 538.	769	₩	870,486	₩ (336,290)₩	534,196	

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

		For the nine-month period ended September 30, 2021									
		Beginning									
	-	balance	Acquisition	Depreciation	Disposal	Transfe	er (*1)	balance			
Land	₩	96,251	₩ -	₩ -	₩	- ₩	3,928 ₩	100,179			
Buildings		285,770	-	(7,756))	-	3,442	281,456			
Structures		8,210	-	(297))	-	-	7,913			
Vehicles		9,245	-	(651))	-	-	8,594			
Furniture and fixtures		121,280	23,341	(27,602)) (1	5)	116	117,120			
Construction-in-progress		13,440	17,555				(7,488)	23,507			
	₩	534,196	₩ 40,896	₩ (36,306)	₩ (1	<u>5)</u> ₩	<u>(2)</u> ₩	538,769			

			For the	nine-month perio	d ended Septen	nber 30, 2020	
		Beginning				— • • • •	Ending
		balance	Acquisition	Depreciation	Disposal	Transfer (*1)	balance
Land	₩	95,831	₩ -	₩ -	₩ (303	3)₩ 819 ₩	96,347
Buildings		281,589	1,706	(7,415)		- 12,464	288,344
Structures		8,606	-	(296)			8,310
Vehicles		9,882	191	(644)			9,429
Furniture and fixtures		104,251	25,652	(25,955)	(45	5) 14,185	118,088
Construction-in-progress		20,063	20,622			- (27,468)	13,217
	₩	520,222	₩ 48,171	₩ (34,310)	₩ (348	<u>B)₩ -₩</u>	533,735

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

11. Right-of-use assets and lease liabilities

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

			September 30, 20)21	December 31, 2020					
	A	cquisition	Accumulated		Acquisition	Accumulated				
		cost	depreciation	Book value	cost	depreciation	Book value			
Land and buildings	₩	176,424	₩ (54,665)	₩ 121,759	₩ 126,107	′ ₩ (37,522) ₩	₹ 88,585			
Vehicles		8,446	(3,680)	4,766	8,239	(3,158)	5,081			
Furniture and fixtures		361	(105)	256	367	(52)	315			
	₩	185,231	₩ (58,450)	₩ 126,781	₩ 134,713	<u>₩ (40,732)</u> ₩	<i>∛</i> 93,981			

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

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

			For the nine-month period ended September 30, 2021									
		Beginning							Ending			
		balance		Increase	D	epreciation		Others (*1)	balance			
Land and buildings	₩	88,585	₩	379,616	₩	(21,310)	₩	(325,132) ₩	121,759			
Vehicles		5,081		3,840		(2,396)		(1,759)	4,766			
Furniture and fixtures		315		31		(57)		(33)	256			
	₩	93,981	₩	383,487	₩	(23,763)	₩	(326,924) ₩	126,781			

			For the nine-month period ended September 30, 2020									
	E	Beginning							Ending			
		balance		Increase	De	preciation	Others (*1)		balance			
Land and buildings	₩	36,474	₩	22,880	₩	(22,338) ₩	₩ 14,720	₩	51,736			
Vehicles		3,575		5,025		(1,965)	(736)		5,899			
Machinery		122		-		-	(122)		-			
Furniture and fixtures		222		-		(126)	(3)		93			
	₩	40,393	₩	27,905	₩	<u>(24,429)</u> ₩	₩ 13,859	₩	57,728			

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

(3) Changes in lease liabilities for the nine-month period ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		For the nine-month period ended September 30, 2021									
	Beginning		Interest	Decrease		Ending					
	balance	Increase	expenses	(payment)	Others (*1)	balance					
Lease liabilities	₩ 128,421	₩ 375,955	₩ 3,399	₩ (47,947)	₩ (17,900) ₩	441,928					
		For the nine-	-month period	d ended Septe	mber 30, 2020						
	Beginning		Interest	Decrease		Ending					
	balance	Increase	expenses	(payment)	Others (*1)	balance					
Lease liabilities	₩ 76,582	₩ 27,625	₩ 1,204	₩ (43,277)	₩ 15,877 ₩	78,011					

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

The Company recognized lease payments of \$5,440 and \$1,848 million in relation to short-term lease and \$1,095 and \$905 million in relation to leases of low-value assets during the nine-month period ended September 30, 2021 and 2020. The total cash outflow of leases during the period ended is \$54,482 and \$46,030 million during the nine-month period ended September 30, 2021 and 2020.

12. Investment properties

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

		9	September 30, 2	021		December 31, 2020				
	Acquisition		Accumulated		Acquisition		Accumulated			
		cost	depreciation	Book value	C	ost	depreciation	Book	value	
Buildings	₩	10,223	₩ (2,942)₩ 7,281	₩	10,183	₩ (2,338	3) ₩	7,845	

12. Investment properties (cont'd)

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

	For the nine-month period ended September 30, 2021									
		Beginning							Ending	
		balance		Transfer			Depreciation		balance	
Buildings	₩	7,845	₩		40	₩	(604)	₩	7,281	
		Fo	r the	nine-month pe	eriod	end	led September 30, 2	2020		
		Beginning		Increase					Ending	
		balance		(decrease)			Depreciation		balance	
Buildings	₩	7,927	₩		-	₩	(320)	₩	7,607	

13. Intangible assets

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

		September 30, 2021							December 31, 2020							
	A	cquisition	uisition Accumulated Accumulated							quisition	Ac	cumulated	Ac	cumulated		
		cost	am	ortization	im	pairment	Bo	ok value		cost	am	nortization	in	npairment	Boo	ok value
Development costs	₩	209,751	₩	(89,510)	₩	(3,210)	₩	117,031	₩	170,983	₩	(71,217)	₩	(3,210)₩		96,556
Memberships		64,515		-		(13,648)		50,867		65,551		-		(13,648)		51,903
Brand-related assets		1,975,000		-		-	1	,975,000	1	,975,000		-		-		1,975,000
Others		46,500		(18,378)		_		28,122		44,881		(14,203)				30,678
	₩ 2	2,295,766	₩	(107,888)	₩	(16,858)	₩2	,171,020	₩2	2,256,415	₩	(85,420)	₩	<u>(16,858)</u> ₩		2,154,137

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

		For the nine-month period ended September 30, 2021										
		Beginning							Ending			
		balance		Acquisitions	A	Mortization	Disposals		balance			
Development costs	₩	96,556	₩	38,768	₩	(18,293) ₩	-	₩	117,031			
Memberships (*1)		51,903		5		-	(1,041)		50,867			
Brand-related assets (*1))	1,975,000		-		-	-		1,975,000			
Others		30,678		1,619		(4,175)			28,122			
	₩	2,154,137	₩	40,392	₩	<u>(22,468</u>) <u>₩</u>	<u>(1,041</u>)	₩	2,171,020			

			For the nine-month period ended September 30, 2020									
		Beginning			-				Ending			
		balance	Acquisitions		Amortization		Disposals		balance			
Development costs	₩	72,421	₩	34,050	₩	(15,347) ₩	-	₩	91,124			
Memberships (*1)		42,991		6,752		-	(715)		49,028			
Brand-related assets (*1))	1,975,000		-		-	-		1,975,000			
Others		31,691		3,693		(3,785)			31,599			
	₩	2,122,103	₩	44,495	₩	<u>(19,132)</u> ₩	(715)	₩	2,146,751			

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

14. Borrowings and bonds payable

(1) Short-term borrowings

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

Description	Financial institution	Interest rate (%)	September 30, 2021	December 31, 2020
Working capital loan	Industrial & Lommercial	1.92	₩ 100,000	₩ -
	bank of china			
Working capital loan	Woori Bank	2.16 ~ 2.21	95,000	-
Working capital loan	Shinhan Bank	1.99 ~ 2.08	70,000	-
Working capital loan	KB Bank	2.11 ~ 2.17	50,000	-
Working capital loan	Hana Bank	2.00 ~ 2.05	50,000	-
Working capital loan	Credit Agricole Corporate	1.88	50,000	-
	& Investment Bank			
Commercial paper	SK Securities	0.95 ~ 1.59	850,000	245,000
Commercial paper	KB Securities	1.12 ~ 1.40	360,000	210,000
Commercial paper	Samsung Securities	1.04 ~ 1.40	110,000	-
Commercial paper	Shinyoung Securities	1.04 ~ 1.40	90,000	100,000
Commercial paper	Shinhan Bank	1.04 ~ 1.40	80,000	50,000
Commercial paper	Woori investment bank	-		110,000
			₩ 1,905,000	₩ 715,000

(2) Bonds payable

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

Issuance September 30, number Interest rate (%) Maturity Security 2021	December 31, 2020
262-2nd - 2021-02-12 Unsecured ₩	- ₩ 100,000
263-2nd - 2021-05-30 Unsecured	- 100,000
264-2nd - 2021-08-05 Unsecured	- 170,000
265-3rd 2.66 2021-12-02 Unsecured 100.00	
266-2nd 2.39 2022-02-06 Unsecured 100,00	,
270-3rd 3.80 2022-11-02 Unsecured 50,00 273-2nd - 2021-03-25 Unsecured	- 100,000
273-3rd 4.26 2024-03-25 Unsecured 100.00	
273-31d 4.26 2024-03-25 Onsecured 100,00 274-3rd 2.34 2022-09-30 Unsecured 80,00	
	,
	0 60,000 - 120,000
	,
276-3rd 2.26 2023-03-07 Unsecured 150,00	
277-2nd - 2021-06-01 Unsecured	- 120,000
277-3rd 2.16 2023-06-01 Unsecured 120,00	,
277-4th 2.43 2026-06-01 Unsecured 60,00	
278-2nd - 2021-09-07 Unsecured	- 110,000
278-3rd 1.80 2023-09-07 Unsecured 110,00	
279-2nd 2.34 2022-03-06 Unsecured 190,00	,
279-3rd 2.58 2024-03-06 Unsecured 120,00	,
280-2nd 2.39 2022-06-01 Unsecured 200,00	
280-3rd 2.67 2024-06-01 Unsecured 110,00	
281-2nd 2.40 2022-08-04 Unsecured 130,00	
281-3rd 2.62 2024-08-04 Unsecured 70,00	
282-2nd 2.79 2022-10-25 Unsecured 150,00	
282-3rd 2.86 2024-10-25 Unsecured 80,00	,
283-1st 2.88 2023-02-27 Unsecured 150,00	,
283-2nd 2.99 2025-02-27 Unsecured 60,00	
283-3rd 3.26 2028-02-27 Unsecured 100,00	
284-1st 2.87 2023-06-08 Unsecured 170,00	,
284-2nd 3.01 2025-06-08 Unsecured 60,00	
284-3rd 3.09 2028-06-08 Unsecured 100,00	0 100,000
285-1st 2.36 2023-09-06 Unsecured 150,00	,
285-2nd 2.47 2025-09-06 Unsecured 60,00	0 60,000
285-3rd 2.55 2028-09-06 Unsecured 120,00	
286-1st 2.20 2021-11-29 Unsecured 130,00	0 130,000
286-2nd 2.37 2023-11-29 Unsecured 100,00	0 100,000
287-1st 2.17 2024-02-27 Unsecured 150,00	0 150,000

14. Borrowings and bonds payable (cont'd)

Issuance		N A = A = m ² A = c	O a surit s	September 30,	December 31,
number	Interest rate (%)	Maturity	Security		2020
287-2nd	2.23	2026-02-27	Unsecured	70,000	70,000
287-3rd	2.35	2029-02-27	Unsecured	80,000	80,000
288-1st	1.81	2024-06-04	Unsecured	170,000	170,000
288-2nd	1.83	2026-06-04	Unsecured	60,000	60,000
288-3rd	1.87	2029-06-04	Unsecured	110,000	110,000
289-1st	1.62	2022-09-20	Unsecured	130,000	130,000
289-2nd	1.76	2024-09-20	Unsecured	120,000	120,000
289-3rd	1.84	2029-09-20	Unsecured	70,000	70,000
290-1st	1.74	2022-11-28	Unsecured	80,000	80,000
290-2nd	1.83	2024-11-28	Unsecured	90,000	90,000
290-3rd	1.89	2029-11-28	Unsecured	70,000	70,000
291-1st	1.52	2023-02-20	Unsecured	70,000	70,000
291-2nd	1.63	2025-02-20	Unsecured	160,000	160,000
291-3rd	1.70	2027-02-20	Unsecured	40,000	40,000
291-4th	1.80	2030-02-20	Unsecured	60,000	60,000
292-1st	1.50	2023-06-03	Unsecured	110,000	110,000
292-2nd	1.69	2025-06-03	Unsecured	120,000	120,000
292-3rd	1.79	2030-06-03	Unsecured	50,000	50,000
293-1st	1.57	2025-09-07	Unsecured	200,000	200,000
293-2nd	1.74	2027-09-07	Unsecured	30,000	30,000
293-3rd	1.83	2030-09-07	Unsecured	120,000	120,000
294-1st	1.61	2025-12-03	Unsecured	150,000	150,000
294-2nd	1.93	2030-12-03	Unsecured	90,000	90,000
295-1st	1.24	2024-02-24	Unsecured	60,000	-
295-2nd	1.60	2026-02-24	Unsecured	150,000	-
295-3rd	1.75	2028-02-24	Unsecured	30,000	-
295-4th	2.03	2031-02-24	Unsecured	80,000	-
296-1st	1.53	2024-06-04	Unsecured	40,000	-
296-2nd	2.07	2026-06-04	Unsecured	220,000	-
296-3rd	2.49	2031-06-04	Unsecured	70,000	-
297-1st	1.87	2024-09-13	Unsecured	100,000	-
297-2nd	2.09	2026-09-13	Unsecured	200,000	-
297-3rd	2.28	2031-09-13	Unsecured	60,000	-
				6,590,000	6,400,000
Less: discount on	bonds payable			(14,273)	(11,786)
Less: current porti				(1,059,491)	(1,051,406)
F				₩ 5,516,236 ₩	
					-,,000

(3) The Company's bonds payable repayment schedule as of September 30, 2021 is as follows (Korean won in millions):

Year ending	Amount of repayment	
October 1, 2021 ~ September 30, 2022	\mathbb{W}	1,060,000
October 1, 2022 ~ September 30, 2023		1,370,000
October 1, 2023 ~ September 30, 2024		1,140,000
October 1, 2024 ~ September 30, 2025		830,000
October 1, 2025 and thereafter		2,190,000
	\underline{W}	6,590,000

15. Provisions

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

	For the nine-month period ended September 30, 2021							
	Beg	ginning				Ending		
	ba	lance	Increase		Decrease	balance	Current	Non-current
Provision for service warranties	₩	3,802 ₩	1,252	₩	(2,825) ₩	2,229 \	₩ 2,229	₩ -
Other provisions		4,659	-		(2,080)	2,579	265	2,314
	₩	<u>8,461</u> ₩	1,252	₩	(4,905) ₩	4,808	₩ 2,494	₩ 2,314
	_		For the n	ine-r	month period en	ded September	⁻ 30, 2020	
	Beg	ginning		Ending				
	ba	lance	Increase		Decrease	balance	Current	Non-current
Provision for service warranties	₩	3,948 ₩	1,058	₩	(2,095) ₩	2,911 \	₹ 2,911	₩ -
Other provisions		2,598	280		(608)	2,270	109	2,161
	₩	<u>6,546</u> ₩	1,338	₩	<u>(2,703)</u> ₩	5,181	₩ 3,020	₩ 2,161

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

16. Defined benefit liabilities

(1) Defined contribution plans

The Company partly operates a defined contribution plan for certain employees. The expenses related to the defined contributions plans recognized for the nine-month period ended September 30, 2021, were \$53 million.

(2) Defined benefit plans

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

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

	Septer	<u>mber 30, 2021</u>	Decer	<u>mber 31, 2020</u>
Present value of defined benefit obligation	\mathbb{W}	440,659	₩	414,384
Fair value of plan assets		(363,562)		<u>(371,994</u>)
	₩	77,097	₩	42,390

16. Defined benefit liabilities (cont'd)

(4) Changes in defined benefit liabilities for the nine-month period ended September 30, 2021 and 2020 are as follows (Korean won in millions):

	For the nine-month period ended September 30, 202				
	Present value of defined	Fair value of			
	benefit obligatio		Total		
Beginning balance	₩ 414.38				
Provision for pension benefits:	,	(01.1,00.1)	,		
Current service cost	35,77	4 -	35,774		
Net interest expense (income)	7,32	1 (7,099)) 222		
Remeasurement:					
Return on plan assets (excluding amounts		- 6,748	6,748		
included in net interest expense)			(
Actuarial changes arising from changes in financial assumptions and others	(15,73	3) -	(15,733)		
Experience adjustments and others	5,82	8 -	5,828		
Benefit paid	(12,71	0) 12,681	(29)		
Others	5,79	5 (3,898)	1,897		
Ending balance	₩ 440,65	<u>9 ₩ (363,562)</u>) <u>₩ </u>		

	For the nine-month period Present value of defined Fair va			od ended Septen value of		<u>ber 30, 2020</u>
	bene	fit obligation	plan assets			Total
Beginning balance	₩	355,114	₩	(322,967)	₩	32,147
Provision for pension benefits:						
Current service cost		30,810		-		30,810
Net interest expense (income)		5,609		(5,428)		181
Remeasurement:						
Return on plan assets (excluding amounts included in net interest expense)		-		482		482
Actuarial changes arising from changes in financial assumptions and others		6,331		-		6,331
Experience adjustments and others		13,510		-		13,510
Benefit paid		(19,231)		19,085		(146)
Others		7,654		<u>(5,655</u>)		1,999
Ending balance	₩	399,797	₩	(314,483)	₩	85,314

17. Other assets and liabilities

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

	<u>September 30, 2021</u>		December 31, 2020	
Current assets:				
Accrued income	₩	1,379	₩	66
Advanced payments		2,707		1,301
Prepaid expenses		36,041		14,135
Short-term loans		460,334		-
Guarantee deposits		2,173		8,886
Lease receivables		35,655		33,189
Derivative financial assets		175,982		1,237
Others		76		-
	₩	714,347	₩	58,814
Non-current assets:				
Long-term financial instruments	₩	3,268	₩	3,268
Long-term guarantee deposits		42,408		16,002
Long-term lease receivables		297,045		-
Derivative financial assets		-		175,913
Others		127		127
	₩	342,848	₩	195,310

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

	September 3	30, 2021	December 3	31, 2020
Current liabilities:				
Advances received	₩	71,117	W	66,660
Withholdings		15,904		32,249
Current tax liabilities		197,855		284,916
Deposits withheld		222		5,639
Dividends payable		162		-
Lease liabilities		66,633		60,787
Derivative financial liabilities		254,904		133
	₩	606,797	₩	450,384
Non-current liabilities:				
Long-term deposits withheld	₩	23,740	₩	11
Long-term lease liabilities		375,295		67,634
Derivative financial liabilities		241,808		468,032
Long-term employee benefits		9,663		9,630
	₩	650,506	₩	545,307

18. Derivative financial assets and liabilities

The Company has entered into foreign currency forward contracts to manage fluctuations in currency exchange rates relating to its contracts denominated in foreign currencies and has entered total return swap contracts with certain of subsidiaries' common share investors and others. Details of assets and liabilities after valuation as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

		September 30, 2021			December 31, 2020			, 2020
		Assets		Liabilities		Assets		iabilities
Forward contract Total return swap contract	₩	69	₩	28,712	₩	1,237	₩	165
(see Note 29)		175,913		468,000		175,913		468,000
, , , , , , , , , , , , , , , , , , ,	₩	175.982	₩	496.712	₩	177.150	₩	468,165

19. Equity

19.1 Issued capital

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

	Sep	tember 30, 2021	Dec	ember 31, 2020
Number of shares authorized for issue		400,000,000		400,000,000
Par value per share (Korean won)	₩	200	₩	200
Number of shares issued:				
Ordinary share		70,360,297		70,360,297
Preferred share		566,135		566,135
Issued capital:				
Ordinary share	₩	15,272	₩	15,272
Preferred share		113		113
	₩	15,385	₩	15,385

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

19.2 Other paid-in capital

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

	Septen	nber 30, 2021	December 31, 2020		
Additional paid-in capital (*1)	\mathbb{W}	5,605,831	₩	5,605,831	
Treasury share (*2)		(1,811,340)		(1,811,454)	
Stock option		5,177		4,663	
Others		(292,867)		(292,872)	
	\overline{W}	3,506,801	₩	3,506,168	

- (*1) During the year ended December 31, 2015, the Company repurchased treasury shares of ₩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 September 30, 2021, treasury share consists of those acquired to increase the enterprise value and to stabilize share price (7,033,831 ordinary shares), and those acquired from repurchase of shares from dissenting shareholders on business combination and shares arising from odd lot shares (11,019,129 ordinary shares and 1,787 preferred shares) during the year 2015.

19.3 Retained earnings

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

	Septen	<u>nber 30, 2021</u>	December 31, 2020		
Legal reserve (*1)	\mathbf{W}	7,693	₩	7,693	
Voluntary reserve		62,897		62,897	
Unappropriated retained earnings		12,084,128		11,231,245	
	₩	12,154,718	₩	11,301,835	

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

19.4 Other components of equity

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

	<u>Septer</u>	<u>mber 30, 2021</u>	December 31, 2020		
Gain on financial assets measured at FVOCI	₩	8,175	₩	8,175	

19.5 Stock option

	1-1		1-2	1	-3		2					
Grant date	2017-03-24	201	7-03-24	2017-0	3-24	2020-0)3-25					
Type of shares to be issued	Ordinary sha	ares										
Grant method	Reissue of t	reasury sh	ares, but if th	ne stock	option's	exercis	e price is					
	lower than the stock's real price (evaluated based on exercise date),											
	the Company may settle the difference in cash or with treasury shar											
	equivalent to the difference amount.											
Number of shares (shares)	41	,429	41,430		41,431	214,03						
Exercise price (Korean won)	₩ 226	3,290 ₩	244,400	₩	263,950	₩	153,450					
Contractual life of options	2019.03.25	202	0.03.25	2021.0	3.25	2023.0)3.26					
	~2022.0)3.24	~2023.03.24	~202	24.03.24	~20	27.03.25					
Vesting conditions	2 year servic	ce 3 ye	ear service	4 year	service	2 year service						
-	from the	fro	om the	from	the	from the						
	grant date	gr	ant date	grant	date	grant date						

Share compensation expense recognized during the current reporting period is \$514 million (accumulated share compensation expense: \$5,177 million) and the remaining share compensation expense to be recognized in later periods are \$817 million. Apart from the above share options, the Company has entered into a Stock Grant in which the employees are granted with treasury shares free of charge. For the Stock Grant, there is no separate vesting condition, and may not be transferred within the term. As of September 30, 2021, the stock compensation expenses recognized in relation to Stock Grant are \$119 million.

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

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

20. Operating revenues

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

		September 3	0, 20	21	September 30, 2020						
		Three-month	Nine-month			Three-month	Nine-month				
Revenue from contracts with customers:											
IT service (*1)	₩	452,781	₩	1,261,901	₩	449,645	₩	1,273,883			
Trademark usage income		55,526		166,610		60,601		181,892			
		508,307		1,428,511		510,246		1,455,775			
Revenue from other sources	:										
Dividend income		109,154		555,510		477,566		1,474,542			
Rental income		391		856		246		773			
		109,545		556,366		477,812		1,475,315			
	₩	617,852	₩	1,984,877	₩	988,058	₩	2,931,090			

(*1) Includes contract revenue of ₩786,510 and ₩817,794 million recognized from the cost-based input method for the nine-month period ended September 30, 2021 and 2020.

(2) Details of revenue from contracts with customers for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

		September	30, 2	021	September 30, 2020					
	Three-month		Nine-month			Three-month		Nine-month		
Revenue from contracts with customers:										
IT service	₩	452,781	₩	1,261,901	₩	449,645	₩	1,273,883		
Trademark usage income		55,526		166,610		60,601		181,892		
	₩	508,307	₩	1,428,511	₩	510,246	₩	1,455,775		
Geographical location:										
Korea	₩	487,325	₩	1,376,655	₩	488,069	₩	1,373,405		
Asia		10,169		22,369		11,178		46,762		
Europe		5,700		17,738		6,420		19,335		
North America		5,113		11,749		4,579		16,273		
	₩	508,307	₩	1,428,511	₩	510,246	₩	1,455,775		
Timing of revenue recognition	n:									
Recognized at a point in time	₩	25,582	₩	69,479	₩	40,428	₩	121,618		
Recognized over a period		482,725		1,359,032		469,818		1,334,157		
	₩	508,307	₩	1,428,511	₩	510,246	₩	1,455,775		

20. Operating revenues (cont'd)

(3) Details of contract assets, contract liabilities related to revenue from contracts with customers as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	Septem	ber 30, 2021	Dee	cember 31, 2020
Contract assets from IT service contract	\overline{W}	216,038	₩	115,626
Contract liabilities from IT service contract (*1)		56,115		66,660

(*1) The amount recognized as revenue in the current period in relation to the contract liabilities as of December 31, 2020 is ₩52,556 million (previous period: ₩58,679 million).

(4) Details of profit variation by changes in accounting estimates related to the cost-based input method contracts as of September 30, 2021 are as follows (Korean won in millions):

	Change in	estimated			Impa	act on	Impact or	า
	const	uction	Cha	ange in	curren	t period	future period	
	reve	enue	estim	ated cost	pr	ofit	profit	
IT Service contracts	₩	19	₩	(668)	₩	1,181	₩	(494)

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

21. Operating expenses

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

		Septembe	er 30,	2021	September 30, 2020				
	Three-month		11	Nine-month		Three-month		Nine-month	
Material costs	₩	23,492	₩	60,973	₩	33,974	₩	104,747	
Outsourcing costs		200,209		568,211		214,314		599,281	
Salaries		108,506		307,314		96,834		276,295	
Provision for pension benefits		9,984		35,616		8,932		30,682	
Depreciation		20,621		60,277		19,672		58,219	
Amortization		775		10,004		3,298		9,960	
Rents		2,854		4,669		1,541		2,549	
Communications		5,230		15,339		5,055		14,038	
Employee welfare benefits		21,865		58,788		14,089		43,147	
Commissions		42,564		87,622		18,799		41,680	
Education and training		6,748		18,861		6,315		18,390	
Research and development		11,080		28,319		7,744		28,600	
Office management		10,785		29,067		9,312		26,630	
Travel		3,127		8,196		2,305		7,221	
Others		13,251		44,112		13,175		40,998	
	₩	481,091	₩	1,337,368	₩	455,359	₩	1,302,437	

22. Expenses classified based on nature of expense

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

	September 30, 2021					September 30, 2020				
		Three-month		Nine-month		Three-month		Nine-month		
Material costs	₩	23,477	₩	60,978	₩	33,974	₩	104,755		
Outsourcing costs		200,109		568,343		214,314		599,300		
Salaries		111,048		318,702		99,948		290,114		
Provision for pension benefits		10,357		36,838		9,410		32,057		
Depreciation and aamortization		28,296		83,084		26,371		78,104		
Rents		2,854		4,669		1,541		2,549		
Communications		5,230		15,340		5,055		14,039		
Employee welfare benefits		22,357		60,262		14,717		45,011		
Commissions		43,392		88,753		18,815		42,706		
Education and training		6,794		19,000		6,374		18,582		
Office management		10,785		29,067		9,312		26,630		
Travel		3,129		8,206		2,311		7,247		
Others		13,263		44,126		13,217		41,343		
	₩	481,091	₩	1,337,368	₩	455,359	₩	1,302,437		

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

23.1 Finance income and costs

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

		September	30, 2	2021	September 30, 2020			
	Т	Three-month		Nine-month	Thre	ee-month	N	ine-month
Financial income:								
Interest income	₩	7,703	₩	13,655	₩	1,207	₩	3,855
Gain on foreign currency transactions		388		6,477		1,141		3,485
Gain on foreign currency translation		21,661		32,108		(203)		299
Gain on valuation of financial assets measured at FVTPL		-		49		-		213
Gain on valuation of derivative instruments		(28)		102		30		592
Gain on transactions of								
derivative instruments		129		2,745		618		788
	₩	29,853	₩	55,136	₩	2,793	₩	9,232
Financial costs:								
Interest expenses	₩	44,975	₩	125,124	₩	42,239	₩	135,026
Loss on foreign currency transactions		2,458		6,368		1,140		2,464
Loss on foreign currency translation		18		1,450		(33)		370
Loss on valuation of financial assets measured at FVTPL		38,257		54,037		-		-
Loss on valuation of derivative instruments		22,082		28,712		(74)		236
Loss on transactions of								
derivative instruments		334		6,145		168		1,184
	₩	108,124	₩	221,836	₩	43,440	₩	139,280

23.2 Other non-operating income and expenses

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

		Septembe	er 30,	2021		September 30, 2020				
		Three-month		Nine-month		Three-month		line-month		
Other non-operating income:										
Gain on disposal of investments in subsidiaries and associates	₩	-	₩	1,066,744	₩	264,719	₩	521,834		
Gain on disposal of property, plant and equipment		1		24		51		53		
Gain on disposal of intangible assets		-		967		-		-		
Others		25,978		28,518		228		2,242		
	₩	25,979	₩	1,096,253	₩	264,998	₩	524,129		
Other non-operating expenses:										
Impairment loss on investments in subsidiaries and associates	₩	456	₩	456	₩	-	₩	-		
Loss on disposal of property, plant and equipment		-		3		-		63		
Loss on disposal of intangible assets		-		12		15		15		
Donations		435		7,932		10,492		25,350		
Others		2,390		5,337		581		1,786		
	₩	3,281	₩	13,740	₩	11,088	₩	27,214		

24. Income taxes

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

Effective tax rates for the nine-month periods ended September 30, 2021 and 2020 were 20.23% and 14.99%, respectively.

25. Earnings per share

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

	September 30, 2021			September 30, 2020				
	TI	nree-month	N	Nine-month	Th	ree-month	N	line-month
Profit for the period	₩	67,828	₩	1,247,053	₩	660,191	₩	1,696,449
Less: Preferred share dividends		<u>(853</u>)		<u>(3,407</u>)		<u>(571</u>)		<u>(2,279</u>)
Profit for the period attributable to ordinary share owners of the Company Weighted-average number of	₩	66,975	₩	1,243,646	₩	659,620	₩	1,694,170
issued shares outstanding (*1)		52,307,337		52,307,184		52,306,283		52,304,997
Basic earnings per share								
(Korean Won)	₩	1,280	₩	23,776	₩	12,611	₩	32,390

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

The weighted-average number of issued shares outstanding for the three-month periods and ninemonth periods ended September 30, 2021 and 2020 are as follows:

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

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

		September 30, 2021				September 30, 2020			
		Three-month		Nine-month		Three-month		Nine-month	
Profit for the period attributable to ordinary shares	₩	66,975	₩	1,243,646	₩	659,620	₩	1,694,170	
Weighted-average number of diluted common shares outstanding Diluted earnings per common		52,407,962		52,415,377		52,367,905		52,361,621	
share (Korean Won)	₩	1,278	₩	23,727	₩	12,596	₩	32,355	

25. Earnings per share (cont'd)

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

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

26. Transactions with related parties

Details of significant transactions with related parties for the nine-month period ended September 30, 2021 and 2020, and significant balances with related parties as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

(1) The subsidiaries of the Company as of September 30, 2021, are as follows:

	Subsidiary
Ultimate controlling party Subsidiary (total 366)	Subsidiary Tae-won, Chey and related parties SK Innovation Co., Ltd., SK Energy Co., Ltd., Netruck Co., Ltd., Jeju United FC Corporation, Happy Didim Co., Ltd., Green & Co. Asia Ltd., SK Energy Road Investment Co., Ltd., SK Energy Hong Kong Co., Ltd., Green & Co. Asia Ltd., SK Energy Road Investment Co., Ltd., SK Energy Hong Kong Co., Ltd., Goods Core, Goods Post Co., Ltd., Open Garden, SK Geo Centric Co., Ltd., formerly, SK Global Chemical Co., Ltd.), SK Global Chemical (China) Holding Co., Ltd., SK Global Chemical China Limited., Sino- Korea Green New Material (Jiangsu) Limited., SK Global Chemical China Limited., Sino- KK Global Chemical Americas, Inc., SK Primacor Americas LLC, SK Primacor Europe, S.L.U., SK Saran Americas, Inc., SK Global Chemical Japan Co., Ltd., SK Global Chemical Singapore Pte. Ltd., SK Global Chemical Investment Hong Kong Ltd., Ningbo SK Performance Rubber Co., Ltd., Happymoeum Co., Ltd., SK Functional Polymer, S.A.S, Green & Connect Capital, Inc., SK Incheon Petrochem Co., Ltd., SK Trading International Co., Ltd., SK Energy Lubricants Tianjin) Co., Ltd., SK Lubricants & Marufacturing Asia Corporation, SK Energy Lubricants Japan Co., Ltd., SK Lubricants & Oils India Pvt. Ltd., Iberian Lube Base Oils S.A., SK Lubricants Russia LLC, SK intovation Nstricants Europe B.V., SK Lubricants Russia LLC, SK interestican, Inc., SK SK Hi-tech Battery Mater
	Innovation Private Equity Joint Venture, Panasia Semiconductor Materials LLC, SK Shieldus Co., Ltd.(formerly, ADT Caps Co., Ltd.), CAPSTEC Co., Ltd., SK infosec Information Technology (Wuxi) Co., Ltd., CAPS America Inc., SK Planet Co., Ltd., SK M & Service Co., Ltd., SK Planet Global Holdings Pte. Ltd., SKP America, LLC, K-Net Culture & Contents Venture Fund, SK Telecom China Holdings Co., Ltd.,

Subsidiary (total 366)

Subsidiary

SK Global Healthcare Business Group, Ltd., SKT Americas, Inc., YTK Investment, Ltd., Atlas Investment, Ltd., SK Telecom Innovation Fund, L.P., SK Telecom China Fund I L.P., SK Telecom TMT Investment Corp., Dreamus Company Co., Ltd., Iriver Enterprise Ltd., Iriver China Co., Ltd., Dongguan iriver Electronics Co., Ltd., Life Design Company Japan Inc., Studio Dolphin Co., Ltd., SK Telecom Japan Inc., SK Planet Japan, K. K., Id Quantique SA, id Quantique Ltd., FSK L&S Co., Ltd., FSK L&S(Shanghai) Co., Ltd., FSK L&S(Hungary) Co., Ltd., FSK L&S Vietnam Co., Ltd., FSK L&S(Jiangsu) Co., Ltd., Incross Co., Ltd., Infra Communications Co., Ltd., Mindknock Co., Ltd., Happy Hanool Co., Ltd., SK MENA Investment B.V., SK Latin Americas Investment S.A., SK Technology Innovation Company, Tmap Mobility Co., Ltd., YLP Co., Ltd., Good Service Co., Ltd., SK Networks Co., Ltd., SK Networks Service Co., Ltd., SK Magic Co., Ltd., SK Magic Service Co., Ltd., SK Magic Vietnam Company Limited, SK Networks Retails Malaysia Sdn. Bhd., SK Rent-a-Car Co., Ltd., SK Rent-A-car Service Co., Ltd., SK Networks (China) Holdings Co., Ltd., Shenyang SK Bus Terminal Co., Ltd., SK Networks (Liaoning) Logistics Co., Ltd., SK Networks (Dandong) Energy Co., Ltd., SK Networks (Shanghai) Co., Ltd., POSK (Pinghu) Steel Processing Center Co., Ltd., SK Networks Hong Kong Ltd., SK (Guangzhou) Metal Co., Ltd., SK Networks (Xiamen) Steel Processing Center Co., Ltd., SK Networks Japan Co., Ltd., SK Networks Deutschland GmbH, SK BRASIL LTDA, SK Networks Trading Malaysia Sdn. Bhd., SK Networks America, Inc., SK NETWORKS BRASIL INTERMEDIACAO DE NEGOCIOS LTDA., Networks Tejarat Pars, MINTIT Co., Ltd., MINTIT VINA, TenX Capital, SK Networks Resources Australia (Wyong) Pty. Ltd., SK Networks Resources Pty Ltd., Cartini Co., Ltd., SKC Co., Ltd., Woori Fine Chem Co., Ltd., SK Telesys Co., Ltd., Techdream Co., Ltd., SKC Solmics Co., Ltd., Solmics Taiwan Co., Ltd., Solmics Shanghai Co., Ltd., SKC Solmics Hong Kong Co., Ltd., SKC Semiconductor Materials (Wuxi) Co., Ltd., SKC (Jiangsu) High Tech Plastics Co., Ltd., SKC, Inc., SKC Europe GmbH, SKC Hi-Tech&Marketing Co., Ltd., SKC Hi-Tech&Marketing (Suzhou) Co., Ltd., SKC Hi-Tech&Marketing Polska SP.Z.O.O, SKC Hi-Tech&Marketing USA LLC, SKC Hi-Tech&Marketing Vina Co., Ltd., SKC PU Specialty Co., Ltd., SKC (Nantong) PU Specialty Co., Ltd., SKC-ENF Electronic Materials Ltd., SKC (Nantong) Semiconductor Materials Technology Co., Ltd., SE (JIANGSU) Electronic Materials Co., Ltd., SK PIC Global Co., Ltd., SKCFTH Co., Ltd., SK Nexilis Co., Ltd., SK NEXILIS MALAYSIA SDN. BHD., SK TBMGEOSTONE Co., Ltd., SK E&S Co., Ltd., Kangwon City Gas Co., Ltd., Yeongnam Energy Service Co., Ltd., Ko-one Energy Service Co., Ltd., Narae Energy Service Co., Ltd., Busan City Gas Co., Ltd., Jeonbuk Energy Service Co., Ltd., Chonnam City Gas Co., Ltd., Chungcheong Energy Service Co., Ltd., Paju Energy Service Co., Ltd., Yeoju Energy Service Co., Ltd., Shinanjeungdo Sunlight Co., Ltd., SK E&S Hong Kong Co., Ltd., SK E&S Australia Pty. Ltd., SK E&S Americas, Inc., SK E&S LNG, LLC, DewBlaine Energy, LLC, CAILIP Gas Marketing, LLC, Rnes Holdings, LLC, Pnes Investments, LLC, Prism Energy International China Limited, Prism Energy International Zhoushan Limited, Prism Energy International Pte. Ltd., Fajar Energy International Pte. Ltd., Prism Energy International Hong Kong, Ltd., PT Prism Nusantara International, SK E&S Dominicana S.R.L, Hae-Ssal Solar Power Co., Ltd., Prism DLNG Pte. Ltd., BU12 Australia Pty. Ltd., BU13 Australia Pty. Ltd., Energy Solution Holdings Inc., Ariul Solar Power Co., Ltd., Busan Jungkwan Energy Co., Ltd., IGE Co., Ltd., New&Company Two Pte. Ltd., Jeonnam II Offshore Wind Power Co., Ltd., Jeonnam III Offshore Wind Power Co., Ltd., Dangjin Haengbok Solar Co., Ltd., Grid Solution, LLC., Storage Solution, LLC., SK ecoplant Co. Ltd. (formerly, SK Engineering & Construction Co., Ltd.), Seosuwon Development Company, SKEC Nanjing Co., Ltd., SKEC (Thai), Ltd., Thai Woo Ree Engineering Co., Ltd., SKEC Anadolu, LLC, SK E&C Betek Corporation, Mesa Verde RE Ventures, LLC, SKEC Consultores Ecquador, S.A., Sunlake Co., Ltd., SK HOLDCO PTE. LTD., Silvertown Investco Limited, SEONGJU TECH Co., Ltd., DDS Co., Ltd., SAMWON ENT Co., Ltd., The Eco Platform Co., Ltd., Environment Management Corporation Co., Ltd., Maeripji Management Co., Ltd., YS TEC Co., Ltd., Seonam Environment Energy Co., Ltd., Honam Environmental Energy Co., Ltd., Green Hwasun Inc., Green Sunchang Co., Ltd., Gyeongsan Clear Mulgil Co., Ltd., Dalseong Maleunmulgil Co., Ltd., Goksung Environment Co., Ltd., Environment Energy Company Co., Ltd., Chungcheong Environment Energy Co., Ltd., Gyeonggi Environment Energy Co., Ltd., Gyeongbuk Environment Energy Co., Ltd., Gyeongin Environment Energy Company, Saehan Environment Co., Ltd., Daewon Green Energy Co., Ltd., Daewon Hitech Co., Ltd., KS Investment B.V., SK Materials Co., Ltd., SK Materials Japan Co., Ltd., SK Materials Taiwan Co., Ltd., SK Materials Jiangsu Co., Ltd.,

Subsidiary (total 366)

Sub<u>sidiary</u>

SK Materials (Xian) Co., Ltd., SK Materials (Shanghai) Co., Ltd., SK Tri Chem Co., Ltd., SK Tri Chem Co., Ltd., SK Showa Denko Co., Ltd., Happy Companion Co., Ltd., SK Materials airplus Inc., SK Meterials Ri New Tech Co., Ltd. (formerly, Hanyu chemical Co., Ltd.), SK Materials Performance Co., Ltd., SK Materials JNC Co., Ltd., SK JNC Japan Co., Ltd., SK Siltron Co., Ltd., SK Siltron America, Inc., SK Siltron Japan, Inc., SK Siltron Shanghai Co., Ltd., SK Siltron USA, Inc., Beijing Lizhi Weixin Technology Co., Ltd., Shanghai SKY Real Estate Development Co., Ltd., SK China Investment Management Co., Ltd., SK International Agro-Products Logistics Development Co., Ltd., SK International Agro-Sideline Products Park Co., Ltd., SK Auto Service Hong Kong Co., Ltd., Skyline Auto Financial Leasing Co., Ltd., SK Financial Leasing Co., Ltd., SK China (Beijing) Co., Ltd., SKY Property Management Ltd., SKY Investment Co., Ltd., SK China Real Estate Co., Ltd., SK C&C Beijing Co., Ltd., SK C&C Chengdu Co., Ltd., SK C&C India Pvt. Ltd., SK C&C USA, Inc., S&G Technology, Saturn Agriculture Investment Co., Ltd., SK Investment Management Co., Ltd., SK Mobility Investments Company Limited, SK Semiconductor Investments Co., Ltd., Gemini Partners Pte. Ltd., Solaris Partners Pte. Ltd., Solaris GEIF Investment, SK GI Management, Plutus Capital NY, Inc., Hudson Energy NY, LLC, Hudson Energy NY II, LLC, Hudson Energy NY III, LLC, Grove Energy Capital LLC, Plutus Capital NY II, Inc, Grove Energy Capital II, LLC, Plutus Fashion NY, Inc., Wonderland NY, LLC, Atlas NY LLC, SK South East Asia Investment Pte. Ltd., SK Investment Vina I Pte. Ltd., SK Investment Vina II Pte. Ltd., SK Investment Vina III Pte. Ltd., MSN Investment Pte. Ltd., SK Investment Vina IV Pte. Ltd., SK Malaysia Investment I Pte. Ltd., SK Pharmteco Inc., SK Biotek Co., Ltd., SK BIOTEK IRELAND LIMITED, SK BIOTEK USA, Inc., Crest Acquisition LLC, Yposkesi, SAS, Abrasax Investment Inc., Fine Chemicals Holdings Corp., AMPAC Fine Chemicals, LLC, AMPAC Fine Chemicals Texas, LLC, AMPAC Fine Chemicals Virginia, LLC, Golden Pearl EV Solutions Limited, Socar Mobility Malaysia, Sdn. Bhd., Future Mobility Solutions Sdn. Bhd., PT Future Mobility Solutions, Einstein Cayman Limited, I Cube Capital Inc., I Cube Capital Hong Kong 1. LP Limited, Tellus Investment Partners, Inc.(formerly, I Cube Capital II, Inc.), Primero Protein LLC, Terra LLC, Castanea Bioscience Inc., SK Forest Co., Ltd., Hweechan Co., Ltd., SK Pinx Co., Ltd., SK REITs Co., Ltd., Clean Energy REITs Co., Ltd., SK REITs Management Co., Ltd., SK Japan Investment Inc., Signet EV Inc., Signet Energy Inc., SIGNET EV America Inc.

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

		September 30, 2021					
		Sales	and c	others (*1)	Purchase ar	nd others (*2)	
	Company name			Nine months		Nine months	
Subsidiary	SK Innovation Co., Ltd.	₩ 29	,694 [•]	₩ 85,887	₩ 2,729	₩ 6,933	
-	SK Energy Co., Ltd.	20	,815	66,035	-	-	
	SK Geo Centric Co., Ltd. (formerly, SK Global		,706	24,855	-	-	
	Chemical Co., Ltd.)						
	SK Incheon Petrochem Co., Ltd.	3	,807	11,470	-	-	
	SK Lubricants Co., Ltd.	2	,966	9,051	-	-	
	SK USA, Inc.		12	36	917	1,696	
	SK Hi-tech Battery Materials (Jiang su) Co., Ltd.		717	2,933	-	-	
	SK Battery America, Inc.	3	,309	8,512	-	-	
	SK ecoplant Co., Ltd. (formerly, SK Engineering &	9	,253	36,479	-	-	
	Construction Co., Ltd.)						
	SKC Co., Ltd.	2	,831	28,101	-	-	
	SK E&S Co., Ltd.	7	,277	151,906	-	-	
	SK Biopharmaceuticals Co., Ltd.		647	1,935	-	-	
	Hana Land Chip PEF 33 (*4)	55	,094	58,966	527	9,121	
	SK REITs Co., Ltd.		-	-	9,286	9,286	
	SK Sheildus Co., Ltd.	3	,908	13,598	2,998	10,241	
	(formerly, ADT Caps Co., Ltd.)						
	SK C&C Beijing Co., Ltd.		739	6,315	2,857	6,258	
	SK S.E.ASIA Pte. Ltd.		-	51,580	-	-	
	SK Networks Co., Ltd.	8	,864	42,951	611	3,333	
	SK Telecom Co., Ltd.	140	,260	491,763	3,126	9,497	
	SK Broadband Co., Ltd.	23	,081	65,542	1,937	5,875	
	SK Planet Co., Ltd.	3	,459	10,623	1	115	
	SK Matrials Co., Ltd.	4	,267	29,263	-	-	
	SK Siltron Co., Ltd.	6	,595	21,338	-	-	
	Others	41	,314	116,821	2,088	8,123	
Other	SK hynix Inc.	114	,643	334,537	3,654	10,946	
related	Happynarae Co., Ltd.		249	997	1,898	7,628	
parties	THiRA-UTECH Co., Ltd.		-	-	2,816	8,032	
	Others	2	,057	6,381	777	1,965	
Others (*3)	SK Gas Co., Ltd.	4	,420	13,130	-	-	
	SK Chemicals Co., Ltd.	2	,038	4,434	-	-	
	Others		,305	9,283	114	432	
		₩ 503	<u>,327 '</u>	₩ 1,704,722	₩ 36,336	₩ 99,481	

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

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

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

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

		September 30, 2020					
		S	Sales and of			nd others (*2)	
	Company name	Three	e months I	Nine months	Three months	Nine months	
Subsidiary	SK Innovation Co., Ltd.	₩	26,615 ∛	₩ 119,642	₩ 1,623	₩ 5,497	
	SK Energy Co., Ltd.		28,836	81,570	-	62	
	SK Geo Centric Co., Ltd. (formerly, SK Global Chemical Co., Ltd.)		10,397	26,761	-	-	
	SK Incheon Petrochem Co., Ltd.		6,657	17,036	-	-	
	SK Lubricants Co., Ltd.		4,953	12,136	-	-	
	SK Hi-tech Battery Materials (Jiang su) Co., Ltd.		1,658	7,815	-	-	
	SK Battery America, Inc.		3,253	9,876	-	-	
	SK ecoplant Co., Ltd. (formerly, SK Engineering & Construction Co., Ltd.)		8,723	34,467	150	150	
	SKC Co., Ltd.		2,725	22,993	-	-	
	SK E&S Co., Ltd.		459,554	1,127,413	-	-	
	SK Biopharmaceuticals Co., Ltd.		1,246	5,085	-	-	
	SK Sheildus Co., Ltd. (formerly, ADT Caps Co., Ltd.)		707	2,250	2,960	10,282	
	SK C&C Beijing Co., Ltd.		847	11,466	694	4,905	
	SK S.E.ASIA Pte. Ltd.		-	37,219	-	-	
	SK Networks Co., Ltd.		13,108	45,881	1,441	4,173	
	SK Telecom Co., Ltd.		103,898	451,108	3,061	10,391	
	SK Broadband Co., Ltd.		22,292	67,172	2,166	6,075	
	SK Planet Co., Ltd.		3,725	12,195	1	65	
	SK Matrials Co., Ltd.		1,789	24,837	-	-	
	SK Siltron Co., Ltd.		8,685	21,003	-	-	
	Others		42,202	92,512	3,495	13,046	
Other	Hana Land Chip PEF 33		1,657	3,350	9,724	26,911	
related	SK hynix Inc.		121,013	342,514	3,731	11,129	
parties	SK hynix Semiconductor (China) Ltd.		558	4,876	-	-	
	Socar, Inc. (*4)		-	-	-	15,000	
	THIRA-UTECH Co., Ltd.		-	-	3,522	8,220	
	Others		2,546	8,259	1,879	7,754	
Others (*3)	SK Gas Co., Ltd.		3,780	10,825	-	-	
	SK Chemicals Co., Ltd.		2,713	6,119	-	-	
	Others		2,250	9,476	112	428	
		₩	886,387	<u>₩ 2,615,856</u>	<u>₩ 34,559</u>	₩ 124,088	

- (*1) Consists of dividends income received from subsidiaries and others, trademark usage income, rental income and others.
- (*2) Consists of rental expenses, outsourcing costs and others.

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

(*4) For the nine-month period ended September 30, 2020, the Company acquired equity ownership of Socar Mobility Malaysia, SDN. BHD. from Socar, Inc.

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

		September 30, 2021									
			F	Rece	eivables				Payables		
			Trade		Other			Trade	Other		
	Company name		<u>ceivables</u>	rec		Total		payables	payables	Total	
Subsidiaries	SK Innovation Co., Ltd.	₩	22,747	₩	339,667	₩ 362,4	14	₩ -	₩ 29,752	₩ 29,752	
	SK Energy Co., Ltd.		8,592		-	8,5		-	4	4	
	SK Geo Centric Co., Ltd.		3,060		-	3,0	60	-	787	787	
	(formerly, SK Global Chemical										
	Co., Ltd.)										
	SK Incheon Petrochem Co., Ltd.		1,168		-	1,1		-	-	-	
	SK Lubricants Co., Ltd.		332		-		32	-	-	-	
	SK USA, Inc.		13		-		13	-	975	975	
	Plutus Capital NY, Inc.		-		460,334	460,3		-	-	-	
	SK Hi-tech Battery Materials (Jiang su) Co., Ltd.		1,959		-	1,9	59	-	-	-	
	SK Battery America, Inc.		3,896		-	3,8	96	-	427	427	
	SK ecoplant Co., Ltd. (formerly,		5,167		-	5,1	67	-	19	19	
	SK Engineering & Construction Co., Ltd.)										
	SKC Co., Ltd.		4,659		-	4,6	59	-	48	48	
	SK E&S Co., Ltd.		3,116		-	3,1	16	-	6	6	
	SK Biopharmaceuticals Co., Ltd.		257		-	2	57	-	-	-	
	SK REITS Co., LTD.		-		25,289	25,2	89	-	362,833	362,833	
	SK Sheildus Co., Ltd.		12,070		-	12,0	70	1,152	1,227	2,379	
	(formerly, ADT Caps Co., Ltd.)										
	SK C&C Beijing Co., Ltd.		1,087		-	1,0		31	36	67	
	SK Networks Co., Ltd.		7,019		-	7,0		-	761	761	
	SK Telecom Co., Ltd.		43,966		361	44,3		835		4,247	
	SK Broadband Co., Ltd.		20,573		-	20,5		353	1,311	1,664	
	SK Planet Co., Ltd.		2,223		-	2,2		-	-	-	
	SK Materials Co., Ltd.		2,612		-	2,6		-	6	6	
	SK Siltron Co., Ltd.		7,046		-	7,0			248	248	
	Others		41,190		626	41,8		545	19,663	20,208	
Other related	SK hynix Inc.		133,805		8,046	141,8	351	-	60,862	60,862	
parties	THIRA-UTECH Co., Ltd.		-		-		-	642	-	642	
	Others		1,937		147)84	586	2,855	3,441	
Others (*1)	SK Gas Co., Ltd.		1,414		-	,	114	-	211	211	
	SK Chemicals Co., Ltd.		2,308		-		808	-	246	246	
	Others	***	3,993	117	-		993	42	618	660	
		₩	336,209	₩	834,470	<u>₩1,170,6</u>	579	<u>₩ 4,186</u>	<u>₩486,307</u>	<u>₩490,493</u>	

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

		December 31, 2020						
			Receivab				Payables	
		Trade	Othe	er		Trade	Öther	
	Company name	receivable	<u>s</u> receiva	ables	Total	payables	payables	Total
Subsidiary	SK Innovation Co., Ltd.	₩ 24,31	5₩ 3	3,894	₩ 58,209	₩ -	₩ 17,183	₩ 17,183
	SK Energy Co., Ltd.	8,12	3	-	8,123	-	708	708
	SK Geo Centric Co., Ltd.	4,14	5	-	4,145	-	3,515	3,515
	(formerly, SK Global Chemical							
	Co., Ltd.)							
	SK Incheon Petrochem Co., Ltd.	2,42		-	2,422	-	62	62
	SK Lubricants Co., Ltd.	2		-	27	-	1,589	1,589
	SK USA, Inc.	-	4	-	14	-	1,557	1,557
	SK Hi-tech Battery Materials	7,08	5	-	7,085	-	458	458
	(Jiang su) Co., Ltd.							
	SK Battery America, Inc.	1,57		-	1,578	-	1,336	1,336
	SK ecoplant Co., Ltd. (formerly,	6,29	5	-	6,295	-	1,001	1,001
	SK Engineering Construction							
	Co., Ltd.)		•		0 000			
	SKC Co., Ltd.	3,28		-	3,282	-	717	717
	SK E&S Co., Ltd.	5,09		-	5,091	-	205	205
	SK Biopharmaceuticals Co., Ltd.	46		-	461	-	94	94
	ADT Caps Co., Ltd. (formerly, SK infosec Co., Ltd.)	1,15	0	-	1,156	2,006	2,086	4,092
	SK C&C Beijing Co., Ltd.	1,28	4	-	1,284	849	124	973
	SK Networks Co., Ltd.	6,61	3	-	6,613	-	1,119	1,119
	SK Telecom Co., Ltd.	46,74	5	361	47,106	740	7,497	8,237
	SK Broadband Co., Ltd.	20,37	9	-	20,379	344	969	1,313
	SK Planet Co., Ltd.	2,28	3	-	2,283	353	107	460
	SK Materials Co., Ltd.	49	5	-	495	-	229	229
	SK Siltron Co., Ltd.	10,55	9	-	10,559	-	441	441
	Others	53,09	0	133	53,223	584	20,000	20,584
Other related	Hana Land Chip PEF 33		-	5,983	5,983	-	8,579	8,579
parties	SK hynix Inc.	177,57		7,929	185,501	-	75,940	75,940
	SK hynix system ic (Wuxi)	70	3	-	703	-	26	26
	Co., Ltd.							
	THIRA-UTECH Co., Ltd.	a	-	-	-	1,304		1,314
O (1) (1) (1)	Others	2,70		135	2,841	350	2,146	2,496
Others (*1)	SK Gas Co., Ltd.	2,65		-	2,653	-	51	51
	SK Chemicals Co., Ltd.	1,42		-	1,428	-	3	3
	Others	4,62	-		4,628	215	409	624
		₩ 395,13	2 ₩ 4	8,435	<u>₩ 443,567</u>	<u>₩ 6,745</u>	<u>₩ 148,161</u>	<u>₩ 154,906</u>

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

(4) Compensation for key management personnel of the Company for the three-month and nine-month periods ended September 30, 2021 and 2020 are as follows (Korean won in millions):

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

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

(5) Details of significant transactions with related parties in relation to the investments for the ninemonth period ended September 30, 2021 are as follows (Korean Won in millions, and USD, EUR in thousands):

	Currency	Amount	Transactions
SK Pharmteco Inc.	USD	305,957	Share capital increase
Plutus Capital NY, Inc.	USD	234,300	Share capital increase
Belstar Superfreeze Holdings, LLC	USD	10,273	Share capital increase
SK Investment Management Co., Ltd.	USD	808	Share capital increase
I Cube Capital, Inc.	USD	2,619	Share capital increase
Tellus Investment Partners Inc.	USD	47,610	Share capital increase
(formerly, I Cube Capital II, Inc.)			
SES Holdings Pte. Ltd.	USD	36,000	Share capital increase
Hummingbird Bioscience Holdings Pte. Ltd.	USD	4,999	Share capital increase
Visible Patient S.A.S	EUR	2,240	Share capital increase
SK REITs Co., Ltd.	KRW	387,251	Share capital increase

(6) Details of significant financial transactions with related-parties for the nine-month period ended September 30, 2021 and 2020 are as follows (Korean Won in millions and USD in thousands):

		For the nine-month periods ended						
		September	r 30, 2021	September 30, 2020				
	Currency	Loan	Withdraw	Loan	Withdraw			
Plutus Capital NY, Inc.	USD	388,500	-	-	-			
Hana Land Chip PEF 33	KRW	-	281,773	-	-			
Halio, Inc. (formerly, Kinestral								
Technologies Inc.)	USD	-	-	-	2,483			

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

27. Assets held for sale

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

		Sep	tember 30, 2021	De	cember 31, 2020
Investment securities	ESR Cayman Limited (*1)	₩	643,093	₩	697,130

(*1) The Company has decided to sell the investment stock of the related company, ESR Cayman Limited, during the year ended December 31, 2020. The Company has sold some of the shares in the year ended December 31, 2020, and the sale of remaining shares is underway as of September 30, 2021. Meanwhile, the carrying amount as of September 30, 2021 includes the valuation loss of \$54.037 million on investment securities.

28. Cash flow information

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

	For the nine-month periods ended				
	September 30, 2021	September 30, 2020			
Provision for pension benefits	₩ 35,996	₩ 30,991			
Depreciation	60,073	59,059			
Amortization	22,468	19,132			
Bad debt expenses (return)	(97)	120			
Provisions transferred in	1,252	1,058			
Interest expenses	125,124	135,026			
Loss on foreign currency translation	1,450	370			
Loss on valuation of financial assets measured at FVTPL	54,037	-			
Loss on valuation of derivative instruments	28,712	236			
Impairment loss on investments in subsidiaries and associates	457	-			
Loss on disposal of property, plant and equipment	3	63			
Loss on disposal of intangible assets	12	15			
Share-based payment expenses	633	653			
Income tax expense	316,269	299,071			
Dividends income	(555,510)	(1,474,542)			
Interest income	(13,655)	(3,855)			
Gain on foreign currency translation	(32,108)	(299)			
Gain on valuation of financial assets measured at FVTPL	(49)	(213)			
Gain on valuation of derivative instruments	(102)	(592)			
Gain on disposal of investments in subsidiaries, associates and joint ventures	(1,066,744)	(521,834)			
Gain on disposal of property, plant and equipment	(24)	(53)			
Gain on disposal of intangible assets	(967)	-			
Others	(22,071)	565			
	<u>₩ (1,044,241</u>)	₩ (1,455,029)			

28. Cash flow information (cont'd)

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

	For the nine-month periods ended					
	September 30, 2021	September 30, 2020				
Trade receivables	₩ 46,012	₩ (35,303)				
Other receivables	3,114	(3,260)				
Inventories	(125)	(104)				
Advanced payments	(1,408)	606				
Lease receivables	26,235	25,157				
Prepaid expenses	(21,685)	(15,968)				
Trade payables	16,299	(73,236)				
Advances received	4,456	116,016				
Withholdings	(16,351)	(6,564)				
Other payables	(16,790)	(16,164)				
Accrued expenses	(18,854)	(21,099)				
Deposits withheld	25,280	62				
Provision	(4,905)	(2,703)				
Defined benefit obligation	(6,915)	(11,577)				
Plan assets	8,783	13,430				
Others	973	22				
	₩ 44,119	<u>₩ (30,685</u>)				

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

	For the nine-month periods ended				
	September 30, 2021	September 30, 2020			
Transfer of long-term bonds payable to current-portion	₩ 829,534	₩ 822,102			
Decrease in other payables regarding the acquisition of property, plant and equipment	740	543			
Transfer of investments in joint ventures to investments in subsidiaries	(40,000)	-			
Transfer of investment in associates due to the the exercise of convertible bonds	(22,500)	-			

29. Commitments and contingencies

(1) Guarantees provided by others for the Company's obligations and indebtedness as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions):

	Currency	September 30, 2021	December 31, 2020
Seoul Guarantee Insurance	KRW	5,729	7,623
Korea Software Financial Cooperative	KRW	406,145	379,526

(2) Pending litigation

There are no major pending litigations as of September 30, 2021.

- (3) Significant commitments
- SK Innovation Co., Ltd., SK Energy Co., Ltd., SK Geo Centric Co., Ltd(formerly, SK Global Chemical Co., Ltd.,) SK Lubricants Co., Ltd., SK Incheon Petrochem Co., Ltd., SK Trading International Co., Ltd. and SK ie technology Co., Ltd. are collectively responsible for any obligations arising before the spin-off on July 1, 2007. The Company and SK Biopharmaceuticals Co., Ltd. are collectively responsible for any obligations that occurred before the spin-off on April 1, 2011.
- 2) The Company entered into a contract to lease the headquarter building from SK REIT Co,.Ltd. Under the terms of the lease, the lease period is until July 5, 2026, and the Company has an option to extend the lease term for 5 years before the termination of contract. Meanwhile, the Company has the preemptive right to purchase the building at the fair value when the lessor elects to dispose the property.
- 3) The Company holds IT outsourcing and IT system maintenance agreements to provide hardware and information systems maintenance, and development service entered into between the Company and the affiliates of SK Group companies and others.
- 4) The Company entered into a contract with Gyeonggi province on May 31, 2011 to purchase land located in Pangyo Land Development District. The total agreement amount is ₩82,964 million (the Company's portion: ₩45,536 million (54.9%)), which will be used for the construction of urban infrastructure facilities ("designated purpose" of the land). On the other hand, the building was completed and registered to preserve ownership in August, 2014, and the transfer of destination land and buildings to third parties is limited for 10 years from the time of registration of preservation of ownership.

29. Commitments and contingencies (cont'd)

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

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

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

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

29. Commitments and contingencies (cont'd)

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

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

- 8) SK E&S LNG, LLC, one of the subsidiaries, is scheduled to be provided with liquefaction service for 20 years from FLNG Liquefaction 3, LLC, Which plans to operate natural gas liquefaction plants in Texas starting from 2019. As of June 30, 2021, SK E&S Co., Ltd., one of the subsidiaries, is responsible for performance guarantee in case of SK E&S LNG, LLC's inability to make payments for service or for claims against breach of obligation. In regard to this, the Company provides performance guarantee for SK E&S Co., Ltd.'s guarantee.
- 9) The Company entered into a cash deficiency support agreement with Hudson Energy NY, LLC, a subsidiary of Plutus Capital NY, Inc., to lend funds for the shortfall of payment for loans and credit limit of USD 226,000 thousand.
- 10) The Company entered into a cash deficiency support agreement with Abrasax Investment Inc., a subsidiary of subsidiary SK Pharmteco Inc., which is a subsidiary of the Company, to lend funds for the shortfall of payment for loans and credit of up to USD 315,000 thousand.
- 11) The Company signed a contract with certain shareholders of SIGNET EV Inc., a subsidiary, in which the shareholders can sell their shares to the Company at \$50,000 per share when certain conditions are met.

(4) The Company has provided 7 blank checks and 10 blank notes as collateral in relation to sales and other transactions as of September 30, 2021.

30. Financial risk management

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

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

30.1 Market risk

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

30.1.1 Interest rate risk

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

30.1.2 Foreign currency risk

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

Significant monetary assets and liabilities denominated in foreign currencies as of September 30, 2021 and December 31, 2020 are as follows (Korean won in millions, and USD, EUR and Others in thousands):

		Septemb	er 30,	2021	December	r 31, 2020		
		Foreign	K	orea won	Foreign	Ko	rea won	
	Currency	currencies	e	quivalent	currencies	eq	uivalent	
Assets	USD	396,358	₩	469,645	14,344	₩	15,606	
	EUR	266		366	638		853	
	Others			6,105			4,043	
			₩	476,116		₩	20,502	
Liabilities	USD	1,508	₩	1,787	2,429	₩	2,643	
	EUR	-		-	12		16	
	Others			49			2,130	
			₩	1,836		₩	4,789	

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

	Se	ptembe	er 30, 20	021	December 31, 2			2020
	Increa	se by	Decrease by		Increase by		Dec	rease by
	10)%	1	0%	10%	-		10%
Increase (decrease) in income before tax expense	₩ 4	7,428	₩	(47,428)	₩ 1	,571	₩	(1,571)

30.1.3 Other price risk

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

30.2 Credit risk

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

The carrying amount of financial assets represents the maximum credit exposure. The maximum exposure to credit risk as of September 30, 2021 and December 31, 2020 is as follows and for cash and cash equivalents, credit risk exposure is low (Korean won in millions):

	Septer	mber 30, 2021	Decer	<u>nber 31, 2020</u>
Short-term and long-term financial instruments	₩	289,145	₩	241,314
Trade receivables		212,948		359,109
Other receivables		1,008		3,747
Accrued income		1,379		66
Long-term investment securities		376,513		375,161
Short-term and long-term guarantee deposits		44,581		24,888
Short-term and long-term lease receivables		332,700		33,189
Short-term loans		460,334		-
Financial derivatives asset		175,982		177,150
	\overline{W}	1,894,590	₩	1,214,624

30.2.1 Trade and other receivables

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

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

30.2.2 Other financial assets

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

30.2.3 Liquidity risk

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

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

	В	ook value		Contractual cash flow		Less than 3 months	3	3-12 months		1-5 years		ore than 5 years
Borrowings ₩		1,905,000	₩	1,907,752	₩	1,827,707	₩	80,045	₩	-	₩	-
Bonds payable		6,575,727		7,083,444		266,228		928,655		4,528,229		1,360,332
Derivative financial liabilities		496,712		496,712		28,417		226,487		241,808		-
Trade payables		102,802		102,802		102,802		-		-		-
Lease liabilities		441,928		492,473		14,086		52,920		217,593		207,874
Other liabilities		188,955		188,955		129,469		35,746		23,740		-
	₩	9.711.124	₩	10.272.138	₩	2.368.709	₩	1.323.853	₩	5.011.370	₩	1.568.206

30.2.4 Capital management

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

The Company maintains a debt ratio of 66.28% as of September 30, 2021. The maturity of the debt is dispersed in the long-term and the borrowings mainly consist of long-term bonds, which do not present significant risks for unexpected payment for debts.

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

	Septe	ember 30, 2021	December 31, 2020
Total liabilities	₩	10,395,926	₩ 8,760,834
Total equity		15,685,079	14,831,563
Debt ratio		66.28%	59.07%

31. Events after the reporting period

31.1 Merger of SK Materials Co., Ltd..

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

Surviving company after merger: SK, Inc Extinct company after merger: SK Materials Co., Ltd.. Date of merger: December 1, 2021 Merging ratio: Ordinary share of SK, Inc. : Ordinary share of SK Materials Co., Ltd.. = 1.000000 : 1.5778412