**Condensed Consolidated Interim Financial Statements** (Unaudited) **September 30, 2021** 

(With Independent Auditors' Review Report Thereon)

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#### Independent Auditors' Review Report

Based on a report originally issued in Korean

The Board of Directors and Shareholders POSCO:

#### **Reviewed financial statements**

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

#### Management's responsibility

Management is responsible for the preparation and fair presentation of these condensed consolidated interim financial statements in accordance with Korean International Financial Reporting Standard ("K-IFRS") No. 1034 "Interim Financial Reporting". The Company's management is also responsible for the internal controls determined necessary to prepare condensed consolidated interim financial statements free of material misstatements due to error or fraud.

#### Auditor's review responsibility

Our responsibility is to issue a report on the condensed consolidated interim financial statements based on our reviews.

We conducted our reviews in accordance with the Review Standards for Quarterly and Semiannual Financial Statements established by the Securities and Futures Commission of the Republic of Korea. A review of interim financial statements consists of making inquiries primarily of persons responsible for financial and accounting matters and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Korean Standards on Auditing 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 reviews, nothing has come to our attention that causes us to believe that the accompanying condensed consolidated interim financial statements referred to above are not prepared, in all material respects, in accordance with K-IFRS No. 1034 "Interim Financial Reporting".

#### Other matters

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

The consolidated statement of financial position of the Company as of December 31, 2020, and the related consolidated statements of comprehensive income, changes in equity and cash flows for the year then ended, which are not accompanying this report, were audited by us in accordance with Korean Standards on Auditing and our report thereon, dated March 4, 2021, expressed an unqualified opinion. The accompanying condensed consolidated statement of financial position of the Company as of December 31, 2020, presented for comparative purposes, is consistent, in all material respects, with the audited consolidated financial statements from which it has been derived.

KPMG Samjang Accounting Corp.

Seoul, Korea November 12, 2021

This report is effective as of November 12, 2021, the review report date. Certain subsequent events or circumstances, which may occur between the review report date and the time of reading this report, could have a material impact on the accompanying condensed consolidated interim financial statements. Accordingly, the readers of the review report should understand that the above review report has not been updated to reflect the impact of such subsequent events or circumstances, if any.

## Condensed Consolidated Interim Statements of Financial Position As of September 30, 2021 and December 31, 2020 (Unaudited)

(in millions of Won)	Notes	September 30, 2021	December 31, 2020
Assets			
Cash and cash equivalents	21 <del>V</del>	5,480,045	4,754,644
Trade accounts and notes receivable, net	4,21,26,27,34	10,468,221	8,120,619
Other receivables, net	5,21,34	1,984,589	1,494,239
Other short-term financial assets	6,21	13,179,186	11,709,209
Inventories	7	13,809,620	9,051,790
Current income tax assets		33,741	49,481
Assets held for sale	8	12,256	34,210
Other current assets	14	737,955	616,623
Total current assets		45,705,613	35,830,815
Long-term trade accounts and notes receivable, net	4,21	80,636	86,423
Other receivables, net	5,21	1,340,277	1,195,962
Other long-term financial assets	6,21	2,395,620	1,561,807
Investments in associates and joint ventures	9	4,158,021	3,876,249
Investment property, net	11	1,090,937	994,781
Property, plant and equipment, net	12	29,414,128	29,400,141
Intangible assets, net	13	4,304,997	4,449,432
Defined benefit assets, net	19	9,120	86,149
Deferred tax assets		1,410,323	1,335,154
Other non-current assets	14	225,385	270,060
Total non-current assets		44,429,444	43,256,158
Total assets	A	490,135,057	79,086,973

## Condensed Consolidated Interim Statements of Financial Position, Continued As of September 30, 2021 and December 31, 2020 (Unaudited)

(in millions of Won)	Notes	_	September 30, 2021	December 31, 2020
Liabilities				
Trade accounts and notes payable	21,34	₩	5,216,238	3,755,513
Short-term borrowings and current installments				
of long-term borrowings	4,15,21		8,502,430	8,677,529
Other payables	16,21,34		1,746,273	1,845,266
Other short-term financial liabilities	17,21		136,346	141,404
Current income tax liabilities			1,634,024	366,476
Liabilities directly associated with the assets held for sale	8		7	25
Provisions	18,35		384,741	443,273
Other current liabilities	20,26,27		1,785,216	1,625,482
Total current liabilities			19,405,275	16,854,968
Long-term trade accounts and notes payable	21		2,305	22,323
Long-term borrowings, excluding current installments	15,21		14,338,622	11,820,078
Other payables	16,21		699,051	558,924
Other long-term financial liabilities	17,21		31,177	133,588
Defined benefit liabilities, net	19		216,877	141,785
Deferred tax liabilities			1,314,574	1,320,726
Long-term provisions	18,35		561,209	522,969
Other non-current liabilities	20,26		44,653	37,020
Total non-current liabilities			17,208,468	14,557,413
Total liabilities			36,613,743	31,412,381
Equity				
Share capital	22		482,403	482,403
Capital surplus	22		1,354,533	1,310,547
Hybrid bonds	23		199,384	199,384
Reserves	24		(704,995)	(1,380,918)
Treasury shares	25		(2,508,294)	(2,391,523)
Retained earnings			50,348,460	46,111,457
Equity attributable to owners of the controlling comp	pany		49,171,491	44,331,350
Non-controlling interests	23		4,349,823	3,343,242
Total equity			53,521,314	47,674,592
Total liabilities and equity		<u>۱۸/</u>	90,135,057	79,086,973

Condensed Consolidated Interim Statements of Comprehensive Income For the three-month and nine-month periods ended September 30, 2021 and 2020 (Unaudited)

			For the three-m ended Septe		For the nine-m ended Septe	
(in millions of Won, except per share information)	Notes		2021	2020	2021	2020
Revenue Cost of sales	26,27,34,37 7,27,31,34	₩	20,636,883 (16,858,368)	14,261,218 (13,054,079)	54,998,072 (46,258,539)	42,528,585 (39,277,221)
Gross profit			3,778,515	1,207,139	8,739,533	3,251,364
Selling and administrative expenses	31,34					
Reversal of (impairment loss) on trade accounts and notes receivable			(16,431)	15,560	(8,908)	(19,764)
Other administrative expenses	28 28		(544,661)	(466,257)	(1,567,051)	(1,399,864)
Selling expenses	28	-	(100,700)	(89,734)	(293,821)	(292,061)
Operating profit			3,116,723	666,708	6,869,753	1,539,675
Share of profit of equity-accounted investees, net	9		287,056	88,894	552,925	109,028
Finance income and costs	21,29					
Finance income			925,999	341,431	2,101,487	1,871,524
Finance costs			(897,663)	(385,199)	(2,197,640)	(1,962,525)
Other non-operating income and expenses	34		(2.004)	40.004	(15 750)	17 107
Reversal of (impairment loss) on other receivables	20		(3,001)	18,224	(15,750)	17,437
Other non-operating income Other non-operating expenses	30 30,31		62,597 (132,298)	66,268 (84,170)	396,395 (390,359)	233,172 (301,605)
	37					
Profit before income tax Income tax expense	32,37		3,359,413 (731,794)	712,156 (198,110)	7,316,811 (1,743,241)	1,506,706 (453,134)
Profit	02,07					
Profit			2,627,619	514,046	5,573,570	1,053,572
Other comprehensive income (loss)						
Items that will not be reclassified subsequently to profit or loss:						
Remeasurements of defined benefit plans	19		(3,447)	2,225	(6,225)	(427)
Net changes in fair value of equity investments at fair value through						
other comprehensive income	21		30,254	11,495	199,143	(154,471)
Items that are or may be reclassified subsequently to profit or loss: Capital adjustment arising from investments in equity-accounted investees			86,979	(12,539)	159,691	69.157
Foreign currency translation differences			204,121	(29,387)	350,890	36,755
Gains or losses on valuation of derivatives	21		108	111	333	(730)
Other comprehensive income (loss), net of tax			318,015	(28,095)	703,832	(49,716)
Total comprehensive income		10/	2,945,634	485,951	6,277,402	1,003,856
		<b>**</b> -	2,940,034	465,951	0,277,402	1,003,650
Profit attributable to:						
Owners of the controlling company		₩	2,429,721	465,457	5,118,800	901,132
Non-controlling interests		_	197,898	48,589	454,770	152,440
Profit		₩	2,627,619	514,046	5,573,570	1,053,572
Total comprehensive income attributable to :						
Owners of the controlling company		w	2,715,538	436,989	5,784,574	849,730
Non-controlling interests			230,096	48,962	492,828	154,126
Total comprehensive income		₩	2,945,634	485,951	6,277,402	1,003,856
Earnings per share (in Won)	33		22.100	F 0F 4	07 500	11 000
Basic earnings per share Diluted earnings per share		10/	32,106 31,571	5,854 5,854	67,536 67,115	11,232 11,232
Diracou currinigo per sinare			51,071	0,004	07,110	11,202

## **POSCO and Subsidiaries** Condensed Consolidated Interim Statements of Changes in Equity For the nine-month periods ended September 30, 2021 and 2020 (Unaudited)

(in millions of Won)		Attributable to owners of the controlling company					Non-			
	_	Share	Capital	Hybrid		Treasury	Retained		controlling	
	-	capital	surplus	bonds	Reserves	shares	earnings	Subtotal	interests	Total
Balance as of January 1, 2020	₩	482,403	1,376,251	199,384	(1,157,980)	(1,508,303)	45,080,117	44,471,872	3,322,835	47,794,707
Comprehensive income:										
Profit		-	-	-	-	-	901,132	901,132	152,440	1,053,572
Other comprehensive income (loss)										
Remeasurements of defined benefit plans, net of tax		-	-	-	-	-	(1,433)	(1,433)	1,006	(427)
Capital adjustment arising from investments										
in equity-accounted investees, net of tax		-	-	-	69,304	-	-	69,304	(147)	69,157
Net changes in fair value of equity investments										
at fair value through other comprehensive income, net of tax		-	-	-	(151,486)	-	(2,985)	(154,471)	-	(154,471)
Foreign currency translation differences, net of tax		-	-	-	35,888	-	-	35,888	867	36,755
Gains or losses on valuation of derivatives, net of tax	_	-		-	(690)		-	(690)	(40)	(730)
Total comprehensive income	_	-	-	-	(46,984)		896,714	849,730	154,126	1,003,856
Transactions with owners of the controlling company,										
recognized directly in equity:										
Year-end dividends		-	-	-	-	-	(320,462)	(320,462)	(60,517)	(380,979)
Interim dividends		-	-	-	-	-	(160,062)	(160,062)	-	(160,062)
Changes in subsidiaries		-	-	-	-	-	-	-	24,197	24,197
Changes in ownership interest in subsidiaries		-	(27,716)	-	-	-	-	(27,716)	166,744	139,028
Repayment of redeemable convertible preferred shares		-	(33,581)	-	-	-	-	(33,581)	(245,000)	(278,581)
Interest of hybrid bonds		-	-	-	-	-	(6,906)	(6,906)	(5,496)	(12,402)
Acquisition of treasury shares		-	-	-	-	(329,677)	-	(329,677)	-	(329,677)
Others	-	-	1,410	-	5,368		(13,173)	(6,395)	(3,292)	(9,687)
Total transactions with owners of the controlling company	_	-	(59,887)	-	5,368	(329,677)	(500,603)	(884,799)	(123,364)	(1,008,163)
Balance as of September 30, 2020	₩_	482,403	1,316,364	199,384	(1,199,596)	(1,837,980)	45,476,228	44,436,803	3,353,597	47,790,400

## **POSCO and Subsidiaries** Condensed Consolidated Interim Statements of Changes in Equity, Continued For the nine-month periods ended September 30, 2021 and 2020 (Unaudited)

(in millions of Won)	Attributable to owners of the controlling company				Non-					
		Share	Capital	Hybrid		Treasury	Retained		controlling	
	_	capital	surplus	bonds	Reserves	shares	earnings	Subtotal	interests	Total
Balance as of January 1, 2021	₩	482,403	1,310,547	199,384	(1,380,918)	(2,391,523)	46,111,457	44,331,350	3,343,242	47,674,592
Comprehensive income:										
Profit		-	-	-	-	-	5,118,800	5,118,800	454,770	5,573,570
Other comprehensive income (loss)										
Remeasurements of defined benefit plans, net of tax		-	-	-	-	-	(8,081)	(8,081)	1,856	(6,225)
Capital adjustment arising from investments in equity-accounted investees, net of tax		-	-	-	157,606	-	-	157,606	2,085	159,691
Net changes in fair value of equity investments at fair value through other comprehensive income, net of tax		-	-	-	201,194	-	(2,067)	199,127	16	199,143
Foreign currency translation differences, net of tax		-	-	-	316,855	-	-	316,855	34,035	350,890
Gains or losses on valuation of derivatives, net of tax	_	-		-	267			267	66	333
Total comprehensive income	_				675,922		5,108,652	5,784,574	492,828	6,277,402
Transactions with owners of the controlling company,										
recognized directly in equity:										
Year-end dividends		-	-	-	-	-	(342,565)	(342,565)	(62,057)	(404,622)
Interim dividends		-	-	-	-	-	(529,379)	(529,379)	-	(529,379)
Changes in subsidiaries		-	-	-	-	-	-	-	16,800	16,800
Changes in ownership interest in subsidiaries		-	49,514	-	-	-	-	49,514	566,539	616,053
Interest of hybrid bonds		-	-	-	-	-	(6,881)	(6,881)	(5,456)	(12,337)
Acquisition of treasury shares		-	-	-	-	(116,771)	-	(116,771)	-	(116,771)
Others	_	-	(5,528)	-	1		7,176	1,649	(2,073)	(424)
Total transactions with owners of the controlling company	_		43,986		1_	(116,771)	(871,649)	(944,433)	513,753	(430,680)
Balance as of September 30, 2021	₩_	482,403	1,354,533	199,384	(704,995)	(2,508,294)	50,348,460	49,171,491	4,349,823	53,521,314

## **POSCO and Subsidiaries** Condensed Consolidated Interim Statements of Cash Flows For the nine-month periods ended September 30, 2021 and 2020 (Unaudited)

(in millions of Won)	Notes	Se	eptember 30, 2021	September 30, 2020
Cash flows from operating activities				
Profit		₩	5,573,570	1,053,572
Adjustments for:				
Depreciation			2,333,660	2,348,977
Amortization			332,988	336,624
Finance income			(1,109,407)	(848,936)
Finance costs			1,145,436	972,462
Income tax expense			1,743,241	453,134
Impairment loss on property, plant and equipment			44,536	21,684
Gain on disposal of property, plant and equipment			(8,406)	(9,542)
Loss on disposal of property, plant and equipment			56,389	105,440
Impairment loss on other intangible assets			27,997	1,225
Gain on disposal of investments				
in subsidiaries, associates and joint ventures			(26,655)	(43,421)
Loss on disposal of investments				
in subsidiaries, associates and joint ventures			7,878	13,659
Share of profit of equity-accounted investees			(552,925)	(109,028)
Impairment loss on assets held for sale			-	5,030
Gain on disposal of assets held for sale			(46,703)	-
Expenses related to post-employment benefit			182,557	183,414
Impairment loss on trade and other receivables			24,658	2,327
Loss on valuation of inventories			44,936	65,575
Increase to provisions			115,351	33,787
Others, net			(60,054)	(28,398)
			4,255,477	3,504,013
Changes in operating assets and liabilities	36		(5,854,540)	2,023,340
Interest received			201,958	286,899
Interest paid			(343,757)	(463,028)
Dividends received			523,564	149,159
Income taxes paid			(548,146)	(566,782)
Net cash provided by operating activities		₩	3,808,126	5,987,173

## **POSCO and Subsidiaries** Condensed Consolidated Interim Statements of Cash Flows, Continued For the nine-month periods ended September 30, 2021 and 2020 (Unaudited)

(in millions of Won)	Notes		September 30, 2021	September 30, 2020
Cash flows from investing activities				
Acquisitions of short-term financial instruments		₩	(28,919,763)	(32,406,269)
Proceeds from disposal of short-term financial instruments			27,375,607	30,171,470
Increase in loans			(736,125)	(589,994)
Collection of loans			769,622	574,267
Acquisitions of securities			(188,670)	(436,237)
Proceeds from disposal of securities			236,447	478,633
Acquisitions of long-term financial instruments			(292,201)	-
Acquisitions of investment in associates and joint ventures			(228,646)	(103,176)
Proceeds from disposal of				
investment in associates and joint ventures			46,178	11,841
Acquisitions of investment property			(91,737)	(908)
Proceeds from disposal of investment property			3,585	250
Acquisitions of property, plant and equipment			(1,906,519)	(2,175,383)
Proceeds from disposal of property, plant and equipment			(19,760)	(28,412)
Acquisitions of intangible assets			(236,668)	(241,819)
Proceeds from disposal of intangible assets			8,869	74,966
Proceeds from disposal of assets held for sale			59,320	36,514
Collection of lease receivables			79,460	45,805
Cash received from				
disposal of business, net of cash transferred			-	77,488
Others, net		_	776	(4,001)
Net cash used in investing activities		_	(4,040,225)	(4,514,965)
Cash flows from financing activities				
Proceeds from borrowings			3,650,451	3,686,119
Repayment of borrowings			(2,495,064)	(1,648,402)
Proceeds from short-term borrowings, net			262,380	918,477
Capital contribution from non-controlling interests			638,911	165,934
Payment of cash dividends			(934,029)	(540,709)
Acquisition of treasury shares			(116,771)	(329,677)
Payment of interest of hybrid bonds			(12,362)	(12,407)
Repayment of lease liabilities			(180,365)	(150,822)
Repayment of redeemable convertible preferred shares			-	(278,581)
Others, net		-	11,973	(18,195)
Net cash provided by financing activities		-	825,124	1,791,737
Effect of exchange rate fluctuation on cash held		_	132,376	(10,073)
Net increase in cash and cash equivalents			725,401	3,253,872
Cash and cash equivalents at beginning of the period	8	_	4,755,578	3,515,246
Cash and cash equivalents at end of the period	8	₩_	5,480,979	6,769,118

#### 1. General Information

General information about POSCO, its 35 domestic subsidiaries including POSCO ENGINEERING & CONSTRUCTION CO., LTD., 131 foreign subsidiaries including POSCO America Corporation (collectively "the Company") and its 129 associates and joint ventures are as follows:

(a) The controlling company

POSCO, the controlling company, was incorporated on April 1, 1968, under the Commercial Code of the Republic of Korea, to manufacture and sell steel rolled products and plates in the domestic and foreign markets.

The shares of POSCO have been listed on the Korea Exchange since June 10, 1988. POSCO owns and operates two steel plants (Pohang and Gwangyang) and one office in Korea and it also operates internationally through five of its overseas liaison offices.

As of September 30, 2021, the shares of the POSCO are listed on the Korea Exchange, while its ADRs are listed on the New York Stock Exchange.

(b) Consolidated subsidiaries newly established during the nine-month period ended September 30, 2021, are as follows:

Company	Date of inclusion	Ownership (%)	Reason
Poland Legnica Sourcing Center Sp. z o.o	February 2021	100.00	New establishment
POSCO Lithium Solution Co., Ltd.	April 2021	100.00	New establishment
POSCO-HY Clean Metal Co., Ltd.	May 2021	65.00	New establishment

(c) Subsidiaries for which the Company lost control during the nine-month period ended September 30, 2021, are as follows:

Company	Date of exclusion	Reason
POSCO E&C Mongolia	January 2021	Liquidation
Suncheon Eco Trans Co. LTD	May 2021	Loss of control due to bankruptcy petition
POSCO AMERICA COMERCIALIZADORA	July 2021	Merged into
S DE RL DE CV	July 2021	POSCO INTERNATIONAL MEXICO S.A. DE C.V

Notes to the Condensed Consolidated Interim Financial Statements, Continued As of September 30, 2021 (Unaudited)

### 2. Statement of Compliance

#### Statement of compliance

The condensed consolidated interim financial statements have been prepared in accordance with Korean International Financial Reporting Standards ("K-IFRS"), as prescribed in the *Act* on *External Audit of Stock Companies, etc. in the Republic of Korea*.

These condensed consolidated interim financial statements have been prepared in accordance with K-IFRS No. 1034 "Interim Financial Reporting" as part of the period covered by the Company's K-IFRS annual financial statements. Selected explanatory notes are included to explain events and transactions that are significant to an understanding of the changes in financial position and performance of the Company since the last annual consolidated financial statements as of and for the year ended December 31, 2020. These condensed consolidated interim financial statements do not include all of the disclosures required for full annual financial statements.

#### Use of estimates and judgments

(a) Judgments, assumptions and estimation uncertainties

The preparation of the condensed consolidated interim financial statements in conformity with K-IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period prospectively.

The significant judgments made by management in applying the Company's accounting policies and the key sources of estimation uncertainty were the same as those described in the last annual financial statements.

(b) Measurement of fair value

The Company's accounting policies and disclosures require the measurement of fair values, for both financial and non-financial assets and liabilities. The Company has an established control framework with respect to the measurement of fair values. This includes a valuation team that has overall responsibility for overseeing all significant fair value measurements, including Level 3 fair values, and reports directly to the financial officer.

The valuation team regularly reviews significant unobservable inputs and valuation adjustments. If third party information, such as broker quotes or pricing services, is used to measure fair values, then the valuation team assesses the evidence obtained from the third parties to support the conclusion that such valuations meet the requirements of K-IFRS including the level in the fair value hierarchy in which such valuation techniques should be classified.

Significant valuation issues are reported to the Company's Audit Committee.

When measuring the fair value of an asset or a liability, the Company uses market observable data as far as possible. Fair values are categorized into different levels in a fair value hierarchy based on the inputs used in the valuation techniques as follows.

- Level 1 unadjusted quoted prices in active markets for identical assets or liabilities.
- Level 2 inputs other than quoted prices included in Level 1 that are observable for the assets or liabilities, either directly or indirectly.
- Level 3 inputs for the assets or liabilities that are not based on observable market data.

If the inputs used to measure the fair value of an asset or a liability might be categorized in different levels of the fair value hierarchy, then the fair value measurement is categorized in its entirety in the same level of the fair value hierarchy as the lowest level input that is significant to the entire measurement. The Company recognizes transfers between levels of the fair value hierarchy at the end of the reporting period during which the change has occurred.

## 3. Summary of Significant Accounting Policies

Except as described in K-IFRS No. 1034 "Interim Financial Reporting" and below, the accounting policies applied by the Company in these condensed consolidated interim financial statements are the same as those applied by the Company in its consolidated financial statements as of and for the year ended December 31, 2020.

#### **Changes in Accounting Policies**

The changes in accounting policies described below will be applied to the consolidated financial statements as of and for the year ended December 31, 2021.

 (a) K-IFRS No. 1109 "Financial Instruments", K-IFRS No. 1039 "Financial Instruments : Recognition and Measurement", K-IFRS No. 1107 "Financial Instruments : Disclosures", K-IFRS No. 1104 "Insurance Contracts", K-IFRS No. 1116 "Lease" – Interest Rate Benchmark Reform

Market-wide interest rate benchmark reform requires disclosure of exceptions to practical expedients and discontinuation of hedge accounting in accordance with K-IFRS No. 1109 "Financial Instruments", K-IFRS No. 1039 "Financial Instruments : Recognition and Measurement", K-IFRS No. 1107 "Financial Instruments : Disclosures", K-IFRS No. 1104 "Insurance Contracts", K-IFRS No. 1116 "Lease". The effect of the amendments to the consolidated financial statements is not significant.

#### New and amended standards not yet adopted

A number of new and amended standards are effective for annual periods beginning after January 1, 2021 and earlier application is permitted but the Company has not early adopted the new or amended standards in preparing these condensed consolidated financial statements.

(a) K-IFRS No. 1016 "Property, Plant and Equipment"

The amendments prohibit deducting from the cost of an item of property, plant and equipment any proceeds from selling items produced while the Company is preparing the asset for its intended use. Instead, the Company will recognize the proceeds from selling such items, and the costs of producing those items, in profit or loss. The amendments should be applied for annual periods beginning on or after January 1, 2022, and earlier application is permitted. The Company does not expect the effect of the amendments to the consolidated financial statements to be significant.

(b) K-IFRS No. 1103 "Business Combination"

The definition of assets and liabilities to be recognized is amended to refer to the revised Conceptual Framework for Financial Reporting. However, the amendments add an exception which allows K-IFRS No. 1037 "Provisions, Contingent Liabilities and Contingent Assets" and K-IFRS No. 2121 "Levies" to be applied to the liabilities and contingent liabilities included in the scope of these standards. The amendments also clarify that contingent assets should not be recognized at the acquisition date. The amendments should be applied for annual periods beginning on or after January 1, 2022, and earlier application is permitted. The Company does not expect the effect of the amendments to the consolidated financial statements to be significant.

#### 4. Trade Accounts and Notes Receivable

Trade accounts and notes receivable as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	Sept	tember 30, 2021	December 31, 2020
Current			
Trade accounts and notes receivable	₩	9,788,906	7,471,916
Finance lease receivables		110	41,841
Due from customers for contract work		1,030,089	948,879
Less: Allowance for doubtful accounts		(350,884)	(342,017)
	₩	10,468,221	8,120,619
Non-current			
Trade accounts and notes receivable	₩	127,502	131,010
Finance lease receivables		-	46
Less: Allowance for doubtful accounts		(46,866)	(44,633)
	₩	80,636	86,423

The Company sold trade accounts and notes receivable with recourse to financial institutions. These trade accounts and notes receivable have not been derecognized from the statement of financial position, because the Company retains substantially all of the risks and rewards associated with the transferred assets. The amounts received on transfer have been recognized as secured borrowings. As of September 30, 2021, and December 31, 2020, the carrying amounts of such secured borrowings are W349,322 million and W328,807 million, respectively, which are presented in the statements of financial position as the short-term borrowings.

Notes to the Condensed Consolidated Interim Financial Statements, Continued As of September 30, 2021 (Unaudited)

#### 5. Other Receivables

Other receivables as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	Sep	tember 30, 2021	December 31, 2020
Current			
Loans	$\overline{W}$	284,674	258,735
Other accounts receivable		1,230,271	835,791
Accrued income		362,424	298,157
Deposits		126,596	82,884
Others		15,490	18,015
Lease receivables		48,263	68,198
Less: Allowance for doubtful accounts		(83,129)	(67,541)
	$\overline{W}$	1,984,589	1,494,239
Non-current			
Loans	$\overline{W}$	901,493	798,287
Other accounts receivable		208,551	197,304
Accrued income		84,027	86,920
Deposits		324,006	284,588
Lease receivables		91,904	128,366
Less: Allowance for doubtful accounts		(269,704)	(299,503)
	₩	1,340,277	1,195,962

#### 6. Other Financial Assets

Other financial assets as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		September 30, 2021	December 31, 2020
Current			
Derivatives assets	W	91,818	99,324
Debt securities		53,144	154,154
Deposit instruments(*1,2)		3,028,331	2,322,327
Short-term financial instruments(*2)		10,005,893	9,133,404
	₩	13,179,186	11,709,209
Non-current			
Derivatives assets	₩	200,155	18,551
Equity securities(*3)		1,388,967	1,120,968
Debt securities		19,406	20,260
Other securities(*3)		459,297	364,404
Deposit instruments(*2)		35,594	37,624
Long-term financial instruments		292,201	
	₩	2,395,620	1,561,807

- (\*1) As of September 30, 2021 and December 31, 2020, W3,599 million and W4,881 million, respectively, are restricted in use for government project.
- (\*2) As of September 30, 2021 and December 31, 2020, financial instruments amounting to W87,317 million and W46,855 million, respectively, are restricted in use for financial arrangements, pledge and others.
- (\*3) As of September 30, 2021 and December 31, 2020, W187,768 million and W113,674 million of equity and other securities, respectively, have been provided as collateral for borrowings, construction projects and others.

## 7. Inventories

Inventories as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		September 30, 2021	December 31, 2020
Finished goods	₩	1,896,223	1,285,552
Merchandise		1,178,417	751,245
Semi-finished goods		2,381,455	1,626,855
Raw materials		3,403,100	1,980,518
Fuel and materials		906,202	876,593
Construction inventories		825,418	936,813
Materials-in-transit		3,267,200	1,664,770
Others		80,988	61,086
		13,939,003	9,183,432
Less: Allowance for inventories valuation		(129,383)	(131,642)
	₩	13,809,620	9,051,790

The amounts of loss on valuation of inventories recognized in cost of sales during the ninemonth period ended September 30, 2021 and the year ended December 31, 2020 were W44,936 million and W54,014 million, respectively.

Notes to the Condensed Consolidated Interim Financial Statements, Continued As of September 30, 2021 (Unaudited)

### 8. Assets Held for Sale

Details of assets held for sale as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		S	eptember 30, 2021		December 31, 2020			
	-	The controlling company (*1, *2, *3)	Subsidiaries	Total	The controlling company(*3)	Subsidiaries	Total	
Asset								
Cash and cash equivalents(*4)	₩	-	934	934	-	934	934	
Other financial assets		-	273	273	-	273	273	
Property, plant and equipment		10,331	-	10,331	32,244	40	32,284	
Others		-	718	718	-	719	719	
	₩	10,331	1,925	12,256	32,244	1,966	34,210	
Liability								
Others	₩	-	7	7	-	25	25	

- (\*1) During the nine-month period ended September 30, 2021, the Company sold the land in the Yanghak Neighborhood Park development reserve area that was classified as held for sale and the Company recognized W43,760 million of gain on disposal.
- (\*2) During the nine-month period ended September 30, 2021, the Company decided to sell the emission rights and reclassified the emission rights to assets held for sale. Upon the sale, the Company recognized W1,316 million loss on disposal.
- (\*3) During the year ended December 31, 2019, the Company decided to dispose individual assets for which use was discontinued, such as CEM plants, and classified the assets as held for sale. During the year ended December 31, 2020 the Company recognized W5,030 million of impairment loss for the difference between the fair value less cost to sell and the carrying amount of the assets. During the nine-month period ended September 30, 2021, the Company disposed of the assets held for sale for W20,793 million.
- (\*4) Cash and cash equivalents in the statement of cash flows include cash and cash equivalents that are classified as assets held for sale.

#### 9. Investments in Associates and Joint ventures

(a) Details of investments in associates as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)			December 31, 2020			
	Number	Ownership		Acquisition		
Company	of shares	(%)		cost	Book value	Book value
[Domestic]						
EQP POSCO Global NO1 Natural Resources						
Private Equity Fund	178,691,901,565	36.34	₩	178,787 ¥	¥ 177,867	175,939
Samcheok Blue Power Co.,Ltd.(*1)	4,507,138	34.00		199,410	155,967	145,092
SNNC	18,130,000	49.00		90,650	174,741	160,332
QSONE Co., Ltd.	200,000	50.00		84,395	86,209	86,004
Chun-cheon Energy Co., Ltd(*1)	17,308,143	49.10		86,541	20,161	23,913
Western Inland highway CO.,LTD.	10,988,115	26.55		53,967	52,423	45,070
NEXTRAIN Co., Ltd.(*2)	-	-		-	-	47,364
Metropolitan Outer Ring Expressway co., ltd.(*1) CHUNGJU ENTERPRISE CITY	5,878,095	23.27		30,364	30,691	13,721
DEVELOPMENT Co.,Ltd	2,008,000	29.53		10,040	19,811	17,137
Daesung Steel(*3)	108,038	17.54		14,000	18,185	16,990
PCC Amberstone Private Equity Fund 1(*3)	8,459,847,946	8.80		8,342	9,443	9,230
Others (59 companies)(*1)					110,453	103,472
					855,951	844,264
[Foreign]						
South-East Asia Gas Pipeline Company Ltd.	135,219,000	25.04		132,907	240,225	199,342
AES-VCM Mong Duong Power						
Company Limited(*1)	-	30.00		164,303	190,347	158,777
9404-5515 Quebec Inc.(*3)	114,452,000	10.40		124,341	136,922	123,296
FQM Australia Holdings Pty Ltd(*4)	186,000,030	30.00		106,621	106,641	-
Eureka Moly LLC	-	20.00		240,123	47,396	43,520
AMCI (WA) PTY LTD	49	49.00		209,664	68,609	71,732
NCR LLC	-	22.10		84,218	88,808	46,608
KOREA LNG LTD.	2,400	20.00		135,205	26,451	42,229
Nickel Mining Company SAS	3,234,698	49.00		157,585	47,370	40,890
ZHEJIANG HUAYOU-POSCO ESM CO., LTD	134,400,000	40.00		22,423	22,940	22,147
Zhongyue POSCO (Qinhuangdao) Tinplate	- , - ,			, -	,	,
Industrial Co., Ltd	10,200,000	34.00		9,517	18,098	15,181
PT. Wampu Electric Power(*1)	8,708,400	20.00		10,054	15,716	12,716
POSCO SeAH Steel Wire(Nantong) Co., Ltd.	50	25.00		4,723	8,860	7,110
Others (25 companies)(*1)				.,. 20	126,810	105,021
					1,145,193	888,569
				7	₹ 2,001,144	1,732,833
				v	× <u>2,001,144</u>	1,752,055

- (\*1) As of September 30, 2021 and December 31, 2020, investments in associates amounting to W424,050 million and W410,573 million, respectively, are provided as collateral in relation to the associates' borrowings.
- (\*2) During the nine-month period ended September 30, 2021, investment in this associate was transferred to equity security at fair value through other comprehensive income due to decline in ownership upon capital increase in the associate in which the Company did not participate.
- (\*3) As of September 30, 2021, it was classified as an associate even though the Company's ownership percentage is less than 20% since the Company has significant influence over the investee when considering the structure of its Board of Directors and others.
- (\*4) During the nine-month period ended September 30, 2021, the Company acquired shares of FQM Australia Holdings Pty Ltd and classified the investment as investment in an associate.

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

(in millions of Won)		December 31, 2020				
Company	Number of shares	Ownership (%)		Acquisition cost	Book value	Book value
[Domestic]						
POSCO MITSUBISHI CARBON TECHNOLOGY	11,568,000	60.00	₩	115,680 <del>W</del>	166,381	153,457
Others (5 companies)				_	8,064	14,014
					174,445	167,471
[Foreign]						
Roy Hill Holdings Pty Ltd(*1)	13,117,972	12.50		1,528,672	1,356,576	1,418,056
POSCO-NPS Niobium LLC	325,050,000	50.00		364,609	385,218	353,725
KOBRASCO	2,010,719,185	50.00		32,950	83,863	54,400
BX STEEL POSCO Cold Rolled Sheet Co., Ltd.	-	25.00		61,961	105,035	91,270
DMSA/AMSA(*1,2)	-	3.87		391,816	21,063	31,104
CSP - Compania Siderurgica do Pecem	1,578,377,432	20.00		676,060	-	-
Others (10 companies)					30,677	27,390
				-	1,982,432	1,975,945
				₩	2,156,877	2,143,416

- (\*1) As of September 30, 2021 and December 31, 2020, the investments in joint ventures are provided as collateral in relation to the joint ventures' borrowings.
- (\*2) All of the shareholders of the joint venture entered into supplemental funding agreement to extend the maturity of the loans to the joint venture by the lenders. However, the Company believed the shareholders' supplemental funding agreement was invalid and was in arbitration process for annulment. Pursuant to the final judgement from the arbitration, the Company received a refund of the previously provided supplement funding which was subsequently converted to shares. Upon receipt of such capital distribution, the Company recognized decrease in the investment on joint venture, which also resulted in decrease in the Company's ownership in the investee.

(c) The movements of investments in associates and joint ventures for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:

#### 1) For the nine-month period ended September 30, 2021

(in millions of Won)		December 31, 2020			Share of	Other increase	September 30, 2021
Company		Book value	Acquisition	Dividends	profits (losses)	(decrease)(*1)	Book value
[Domestic]							
EQP POSCO Global NO1 Natural Resources							
Private Equity Fund	₩	175,939	-	-	1,928	-	177,867
Samcheok Blue Power Co.,Ltd.		145,092	20,000	(206)	(3,568)	(5,351)	155,967
SNNC		160,332	-	(18,243)	32,652	-	174,741
QSONE Co., Ltd.		86,004	-	(1,140)	1,345	-	86,209
Chun-cheon Energy Co., Ltd		23,913	-	-	(383)	(3,369)	20,161
Western Inland highway CO.,LTD.		45,070	4,031	-	(1,255)	4,577	52,423
NEXTRAIN Co., Ltd.		47,364	-	-	(127)	(47,237)	-
Metropolitan Outer Ring Expressway co., ltd.		13,721	13,954	-	(1,775)	4,791	30,691
CHUNGJU ENTERPRISE CITY							
DEVELOPMENT Co.,Ltd		17,137	-	-	2,674	-	19,811
Daesung Steel		16,990	-	-	1,195	-	18,185
PCC Amberstone Private Equity Fund 1		9,230	-	(508)	919	(198)	9,443
POSCO MITSUBISHI CARBON TECHNOLOGY		153,457	-	-	12,924	-	166,381
Others (64 companies)		117,486	33,831	(5,956)	(6,090)	(20,754)	118,517
	_	1,011,735	71,816	(26,053)	40,439	(67,541)	1,030,396
[Foreign]	_						-
South-East Asia Gas Pipeline Company Ltd.		199,342	-	(12,544)	34,545	18,882	240,225
AES-VCM Mong Duong Power Company Limited		158,777	-	(28,623)	26,497	33,696	190,347
9404-5515 Quebec Inc.		123,296	-	(16,999)	19,060	11,565	136,922
FQM Australia Holdings Pty Ltd		-	106,621	-	-	20	106,641
Eureka Moly LLC		43,520	-	-	-	3,876	47,396
AMCI (WA) PTY LTD		71,732	-	-	(4,379)	1,256	68,609
NCR LLC		46,608	30,278	-	(1,264)	13,186	88,808
KOREA LNG LTD.		42,229	-	(6,692)	6,671	(15,757)	26,451
Nickel Mining Company SAS		40,890	-	-	5,289	1,191	47,370
ZHEJIANG HUAYOU-POSCO ESM CO., LTD		22,147	-	-	(1,273)	2,066	22,940
Zhongyue POSCO (Qinhuangdao) Tinplate							
Industrial Co., Ltd		15,181	-	-	1,134	1,783	18,098
PT. Wampu Electric Power		12,716	-	-	1,400	1,600	15,716
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		7,110	-	-	622	1,128	8,860
Roy Hill Holdings Pty Ltd		1,418,056	-	(480,130)	379,002	39,648	1,356,576
POSCO-NPS Niobium LLC		353,725	-	(20,479)	20,434	31,538	385,218
KOBRASCO		54,400	-	(7,422)	33,888	2,997	83,863
BX STEEL POSCO Cold Rolled Sheet Co., Ltd.		91,270	-	-	5,290	8,475	105,035
DMSA/AMSA		31,104	-	-	(13,080)	3,039	21,063
CSP - Compania Siderurgica do Pecem		-	19,176	-	(27,816)	8,640	-
Others (35 companies)		132,411	755	(3,440)	26,466	1,295	157,487
	_	2,864,514	156,830	(576,329)	512,486	170,124	3,127,625
	₩	3,876,249	228,646	(602,382)	552,925	102,583	4,158,021

(\*1) Other increase or decrease represents the changes in investments in associates and joint ventures due to disposals and change in capital adjustments effect from translations of financial statements of foreign investees and others.

#### 2) For the year ended December 31, 2020

(in millions of Won)		December 31, 2019			Share of	Other increase	December 31, 2020
Company		Book value	Acquisition	Dividends	profits (losses)	(decrease)(*1)	Book value
[Domestic]	_						
EQP POSCO Global NO1 Natural Resources							
Private Equity Fund	₩	175,907	-	-	34	(2)	175,939
Samcheok Blue Power Co.,Ltd.		161,280	-	-	(5,262)	(10,926)	145,092
SNNC		142,602	-	(2,901)	18,701	1,930	160,332
QSONE Co., Ltd.		85,887	-	(1,140)	1,257	-	86,004
Chun-cheon Energy Co., Ltd		56,679	-	-	(33,173)	407	23,913
Western Inland highway CO., LTD.		5,115	42,246	-	(2,294)	3	45,070
NEXTRAIN Co., Ltd.		41,447	7,910	-	(2,786)	793	47,364
Metropolitan Outer Ring Expressway co., ltd. CHUNGJU ENTERPRISE CITY		8,343	5,573	-	(195)	-	13,721
DEVELOPMENT Co.,Ltd		17,824	-	-	(687)	-	17,137
Daesung Steel		15,375	-	-	(514)	2,129	16,990
PCC Amberstone Private Equity Fund 1		9,570	-	(715)	589	(214)	9,230
POSCO MITSUBISHI CARBON TECHNOLOGY		182,648	-	(19,401)	(9,794)	4	153,457
Others (65 companies)		135,890	22,145	(1,328)	(28,128)	(11,093)	117,486
		1,038,567	77,874	(25,485)	(62,252)	(16,969)	1,011,735
[Foreign]							
South-East Asia Gas Pipeline Company Ltd.		225,933	-	(56,760)	45,941	(15,772)	199,342
AES-VCM Mong Duong Power Company Limited		178,892	-	(16,053)	37,092	(41,154)	158,777
9404-5515 Quebec Inc.		131,529	-	(11,672)	10,963	(7,524)	123,296
Eureka Moly LLC		85,349	-	-	(39,801)	(2,028)	43,520
AMCI (WA) PTY LTD		72,937	-	-	(6,561)	5,356	71,732
NCR LLC		46,391	4,196	-	(1,452)	(2,527)	46,608
KOREA LNG LTD.		46,557	-	(7,755)	7,681	(4,254)	42,229
Nickel Mining Company SAS		37,940	-	-	1,473	1,477	40,890
ZHEJIANG HUAYOU-POSCO ESM CO., LTD Zhongyue POSCO (Qinhuangdao) Tinplate		22,356	-	-	(384)	175	22,147
Industrial Co., Ltd		15,128	-	-	(80)	133	15,181
PT. Wampu Electric Power		13,363	-	(559)	1,411	(1,499)	12,716
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		6,755	-	-	279	76	7,110
Roy Hill Holdings Pty Ltd		1,235,682	-	(113,985)	234,693	61,666	1,418,056
POSCO-NPS Niobium LLC		376,410	-	(11,244)	11,449	(22,890)	353,725
KOBRASCO		115,641	-	(37,922)	8,443	(31,762)	54,400
BX STEEL POSCO Cold Rolled Sheet Co., Ltd.		88,935	-	-	1,790	545	91,270
DMSA/AMSA		12,189	60,278	-	(33,305)	(8,058)	31,104
CSP - Compania Siderurgica do Pecem		-	62,711	-	(60,708)	(2,003)	-
Others (37 companies)		177,201	-	(12,114)	(23,375)	(9,301)	132,411
	_	2,889,188	127,185	(268,064)	195,549	(79,344)	2,864,514
	₩	3,927,755	205,059	(293,549)	133,297	(96,313)	3,876,249

(\*1) Other increase or decrease represents the changes in investments in associates and joint ventures due to disposals, change in capital adjustments effect from translations of financial statements of foreign investees and others.

(d) Summarized financial information of associates and joint ventures as of and for the ninemonth period ended September 30, 2021 and the year ended December 31, 2020 are as follows:

#### 1) September 30, 2021

(in millions of Won)

(in millions of Won)				Equity		Net income
Company		Assets	Liabilities	(deficit)	Sales	(loss)
[Domestic]						
EQP POSCO Global NO1 Natural Resources						
Private Equity Fund	₩	463,280	560	462,720	-	6,372
Samcheok Blue Power Co.,Ltd.		1,965,409	1,504,154	461,255	-	(3,637)
SNNC		591,775	213,790	377,985	624,524	61,618
QSONE Co., Ltd.		251,190	78,773	172,417	13,412	2,690
Chun-cheon Energy Co., Ltd		606,961	519,179	87,782	224,051	(5,069
Western Inland highway CO.,LTD.		234,421	32,900	201,521	-	(1,531
Metropolitan Outer Ring Expressway co., ltd. CHUNGJU ENTERPRISE CITY		191,235	68,067	123,168	-	(644)
DEVELOPMENT Co., Ltd		60,688	23,911	36,777	45,543	9,056
Daesung Steel		171,037	98,750	72,287	80,557	6,810
PCC Amberstone Private Equity Fund 1		107,356	-	107,356	8,825	10,447
POSCO MITSUBISHI CARBON TECHNOLOGY		464,505	185,430	279,075	112,063	23,297
[Foreign]						
South-East Asia Gas Pipeline Company Ltd.		1,620,063	660,709	959,354	328,175	137,954
AES-VCM Mong Duong Power Company Limited		1,766,927	1,149,039	617,888	285,157	88,322
9404-5515 Quebec Inc.		1,336,516	7,804	1,328,712	-	183,272
FQM Australia Holdings Pty Ltd		1,258,404	894,850	363,554	-	-
KOREA LNG LTD.		132,593	335	132,258	34,911	33,357
Nickel Mining Company SAS		472,172	316,976	155,196	217,245	15,073
ZHEJIANG HUAYOU-POSCO ESM CO., LTD		130,982	73,982	57,000	20,246	(3,344
Zhongyue POSCO (Qinhuangdao) Tinplate						
Industrial Co., Ltd		110,865	52,136	58,729	118,566	3,406
PT. Wampu Electric Power		205,956	130,394	75,562	14,512	7,001
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		79,610	45,110	34,500	80,303	2,386
Roy Hill Holdings Pty Ltd		10,517,930	3,873,916	6,644,014	7,138,591	3,194,345
POSCO-NPS Niobium LLC		770,233	-	770,233	-	35,862
KOBRASCO		219,311	51,585	167,726	108,588	68,048
BX STEEL POSCO Cold Rolled Sheet Co., Ltd.		627,186	233,913	393,273	1,588,495	21,160
DMSA/AMSA		2,612,473	2,073,889	538,584	362,965	(2,220,123
CSP - Compania Siderurgica do Pecem		3,720,116	3,809,008	(88,892)	1,971,873	332,704

## 2) December 31, 2020

(in millions of Won)

(in millions of Won)				Equity		Net income
Company		Assets	Liabilities	(deficit)	Sales	(loss)
[Domestic]						
EQP POSCO Global NO1 Natural Resources						
Private Equity Fund	₩	473,415	575	472,840	-	8,534
Samcheok Blue Power Co.,Ltd.		1,169,343	700,266	469,077	-	(5,994)
SNNC		592,568	238,971	353,597	698,712	39,826
QSONE Co., Ltd.		251,190	79,182	172,008	17,075	2,513
Chun-cheon Energy Co., Ltd		609,815	516,963	92,852	222,066	(24,617)
Western Inland highway CO.,LTD.		158,679	2,534	156,145	-	(1,714)
NEXTRAIN Co., Ltd.		303,359	74,738	228,621	-	(2,636)
Metropolitan Outer Ring Expressway co., ltd. CHUNGJU ENTERPRISE CITY		98,510	34,360	64,150	-	(920)
DEVELOPMENT Co.,Ltd		54,832	27,111	27,721	6,672	(2,326)
Daesung Steel		172,088	106,611	65,477	85,158	(2,930)
PCC Amberstone Private Equity Fund 1		104,933	5	104,928	12,280	6,694
POSCO MITSUBISHI CARBON TECHNOLOGY		446,067	190,289	255,778	112,173	(15,603)
[Foreign]						
South-East Asia Gas Pipeline Company Ltd.		1,515,828	719,745	796,083	458,806	183,465
AES-VCM Mong Duong Power Company Limited		1,599,095	1,086,440	512,655	336,174	121,644
9404-5515 Quebec Inc.		1,197,702	3	1,197,699	-	105,411
KOREA LNG LTD.		211,497	353	211,144	40,086	38,370
Nickel Mining Company SAS		445,140	308,885	136,255	223,427	(8,353)
ZHEJIANG HUAYOU-POSCO ESM CO., LTD Zhongyue POSCO (Qinhuangdao) Tinplate		72,001	16,812	55,189	3,236	(1,086)
Industrial Co., Ltd		71,805	21,486	50,319	104,537	(237)
PT. Wampu Electric Power		199,841	139,264	60,577	20,272	7,057
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		68,036	38,843	29,193	78,954	1,156
Roy Hill Holdings Pty Ltd		9,271,788	2,161,353	7,110,435	5,993,950	2,299,529
POSCO-NPS Niobium LLC		707,247	-	707,247	-	25,406
KOBRASCO		118,676	9,875	108,801	32,854	16,887
BX STEEL POSCO Cold Rolled Sheet Co., Ltd.		873,174	534,961	338,213	1,252,189	7,856
DMSA/AMSA		4,924,371	2,294,881	2,629,490	204,820	(772,396)
CSP - Compania Siderurgica do Pecem		3,142,831	3,657,314	(514,483)	1,402,742	(623,381)

## 10. Joint Operations

Details of significant joint operations that the Company is participating in as a party to a joint arrangement as of September 30, 2021 are as follows:

Joint operations	Operation	Ownership (%)	Location
Myanmar A-1/A-3 mine	Mine development and gas production	51.00	Myanmar
Offshore Midstream	Gas transportation facility	51.00	Myanmar
Greenhills Mine	Mine development	20.00	Canada
Arctos Anthracite Coal Project	Mine development	50.00	Canada
Mt. Thorley J/V	Mine development	20.00	Australia
POSMAC J/V	Mine development	20.00	Australia
Hanam-Gamil package public housing project Hanam-Gamil district B6, C2, C3 Block	Construction	7.70	Korea
public housing lot development project	Construction	27.00	Korea
Yangsan-Sasong district public housing project(private-participation) Yangsan-Sasong district public housing	Construction	19.92	Korea
project	Construction	49.00	Korea
Sejong 2-1 P3 Block public housing project Yongin-Giheung Station	Construction	37.00	Korea
area city development project Korean wave world complex land	Construction	61.00	Korea
multi-purpose building development project	Construction	33.30	Korea
Sejong 4-1 P3 Block public housing project	Construction	60.00	Korea

#### 11. Investment Property, Net

Changes in the carrying amount of investment property for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:

(a) For the nine-month period ended September 30, 2021

(in millions of Won)	-	Beginning	Acquisitions	Disposals	Depreciation	Others(*1)	Ending
Land	₩	279,397	83,497	(1,057)	-	(19,977)	341,860
Buildings		559,584	11,235	(2,077)	(15,894)	29,575	582,423
Structures		1,199	-	-	(453)	198	944
Right-of-use assets	_	154,601			(3,405)	14,514	165,710
	₩	994,781	94,732	(3,134)	(19,752)	24,310	1,090,937

(\*1) Includes reclassifications resulting from changing purpose of use, adjustments of foreign currency translation differences, and others.

#### (b) For the year ended December 31, 2020

(in millions of Won)	-	Beginning	Acquisitions	Disposals	Depreciation(*1)	Others(*2)	Ending
Land	₩	278,465	2,814	(183)	-	(1,699)	279,397
Buildings		598,159	385	-	(9,681)	(29,279)	559,584
Structures		1,178	-	-	(610)	631	1,199
Right-of-use assets	_	425		(56)	(3,206)	157,438	154,601
	₩	878,227	3,199	(239)	(13,497)	127,091	994,781

(\*1) Includes reversal of impairment loss on investment property recognized by POSCO(Dalian) IT Center Development Co., Ltd., a subsidiary, in relation to its office lease amounting to W14,953 million.

(\*2) Includes reclassifications resulting from changing purpose of use, adjustments of foreign currency translation differences, and others.

### 12. Property, Plant and Equipment, Net

- (a) Changes in the carrying amount of property, plant and equipment for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:
  - 1) For the nine-month period ended September 30, 2021

						Impairment		
(in millions of Won)	_	Beginning	Acquisitions	Disposals	Depreciation	loss(*1,3)	Others(*2)	Ending
Land	₩	2,590,087	60,872	(116)	-	-	50,054	2,700,897
Buildings		4,161,400	6,122	(2,907)	(237,681)	(595)	262,392	4,188,731
Structures		3,025,226	11,664	(1,183)	(172,340)	(4)	110,174	2,973,537
Machinery and equipment		16,857,307	136,525	(14,366)	(1,703,112)	(18,313)	663,655	15,921,696
Vehicles		37,156	7,694	(585)	(11,089)	-	3,275	36,451
Tools		60,301	16,241	(150)	(22,568)	-	13,915	67,739
Furniture and fixtures		127,459	16,897	(1,096)	(35,447)	-	32,493	140,306
Lease assets		773,700	169,913	(7,976)	(124,714)	-	68,894	879,817
Bearer plants		149,965	-	(24,596)	(6,956)	-	38,148	156,561
Construction-in-progress	_	1,617,540	1,651,089	(4,627)	-	(25,624)	(889,985)	2,348,393
	₩_	29,400,141	2,077,017	(57,602)	(2,313,907)	(44,536)	353,015	29,414,128

- (\*1) During the nine-month period ended September 30, 2021, the Company recognized impairment losses on individual assets for which operations were discontinued due to fire or other loss.
- (\*2) Represents assets transferred from construction-in-progress to intangible assets and other property, plant and equipment, reclassifications resulting from changing purpose of use, adjustments of foreign currency translation differences and others.
- (\*3) During the nine-month period ended September 30, 2021, evidence of impairment has occurred due to changes in the quality of bituminous coal and changes in production plans at Narrabri Coal Mine where POSCO INTERNATIONAL AUSTRALIA HOLDINGS PTY. LTD, a subsidiary of the Company, participates as a non-operating party. The Company recognized an impairment loss of <del>W</del>27,643 million since recoverable amounts are less than their carrying amounts.
- 2) For the year ended December 31, 2020

(in millions of Won)						Impairment		
	_	Beginning	Acquisitions	Disposals	Depreciation	loss(*1)	Others(*2)	Ending
Land	₩	2,526,059	29,639	(2,633)	-	3,490	33,532	2,590,087
Buildings		4,215,454	13,825	(6,296)	(319,774)	(3,778)	261,969	4,161,400
Structures		2,904,506	85,958	(6,661)	(231,737)	(883)	274,043	3,025,226
Machinery and equipment		17,218,264	138,533	(27,966)	(2,298,951)	(8,080)	1,835,507	16,857,307
Vehicles		32,285	6,475	(546)	(14,599)	-	13,541	37,156
Tools		70,751	20,230	(211)	(38,838)	-	8,369	60,301
Furniture and fixtures		130,132	23,352	(2,908)	(43,832)	(519)	21,234	127,459
Lease assets		774,582	204,699	(9,300)	(172,029)	-	(24,252)	773,700
Bearer plants		124,193	118	(155)	(7,971)	-	33,780	149,965
Construction-in-progress		1,929,747	2,835,921	(7,001)	-	(17,270)	(3,123,857)	1,617,540
	₩	29,925,973	3,358,750	(63,677)	(3,127,731)	(27,040)	(666,134)	29,400,141

- (\*1) The Company estimated the recoverable amount of individual assets that it ceased their use due to the disposal plan and others at fair value less costs to sell based on sale price or scrap value and recognized an impairment loss since recoverable amounts are less than their carrying amounts for the year ended December 31, 2020. During the year ended December 31, 2020, the Company recognized impairment losses on damaged assets due to fire.
- (\*2) Represents assets transferred from construction-in-progress to intangible assets and other property, plant and equipment, reclassifications resulting from changing purpose of use, adjustments of foreign currency translation differences and others.

- (b) Changes in the carrying amount of right of use assets presented as investment property and property, plant and equipment for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:
  - 1) For the nine-month period ended September 30, 2021

(in millions of Won)	-	Beginning	Acquisitions	Depreciation	Others	Ending
Land	₩	371,719	6,008	(11,006)	30,444	397,165
Buildings and structures		171,760	19,817	(47,458)	8,392	152,511
Machinery and equipment		239,181	10,856	(31,153)	37,540	256,424
Vehicles		11,456	9,050	(5,295)	(1,590)	13,621
Ships		106,555	120,217	(12,536)	-	214,236
Others	_	27,630	3,965	(20,671)	646	11,570
	₩_	928,301	169,913	(128,119)	75,432	1,045,527

## 2) For the year ended December 31, 2020

(in millions of Won)	_	Beginning	Acquisitions	Depreciation	Others	Ending
Land	₩	341,767	18,962	(16,397)	27,387	371,719
Buildings and structures		171,112	47,374	(57,593)	10,867	171,760
Machinery and equipment		215,828	86,373	(38,909)	(24,111)	239,181
Vehicles		14,105	6,186	(9,486)	651	11,456
Ships		24,082	111,537	(29,064)	-	106,555
Others	_	8,113	45,803	(23,786)	(2,500)	27,630
	₩	775,007	316,235	(175,235)	12,294	928,301

(c) The amounts recognized in profit or loss related to leases for the three-month and ninemonth periods ended September 30, 2021 and 2020 were as follows:

		For the three-month periods ended September 30		For the nine-mo ended Septe	•
(in millions of Won)		2021	2020	2021	2020
Interest on lease liabilities	₩	7,386	9,720	24,519	27,550
Expenses relating to short-term leases		4,317	2,672	14,247	11,522
Expenses relating to leases of low-value assets		5,822	2,035	13,567	9,959
	₩	17,525	14,427	52,333	49,031

#### 13. Goodwill and Other Intangible Assets, Net

Changes in the carrying amount of goodwill and other intangible assets for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:

(a) For the nine-month period ended September 30, 2021

(in millions of Won)						Impairment		
	_	Beginning	Acquisitions	Disposals	Amortization	loss(*2,4)	Others(*3)	Ending
Goodwill	₩	903,893	-	-	-	-	2,996	906,889
Intellectual property rights		2,170,738	174,994	(485)	(201,495)	(19,985)	58,650	2,182,417
Membership(*1)		138,703	5,711	(3,619)	(101)	57	591	141,342
Development expense		227,111	822	-	(55,033)	(480)	(26,856)	145,564
Port facilities usage rights		236,272	-	-	(16,881)	-	328	219,719
Exploratation and evaluation assets		57,140	2,809	-	-	258	1,079	61,286
Customer relationships		330,247	-	-	(33,359)	-	(92)	296,796
Other intangible assets		385,328	45,696	(14,834)	(26,111)	(7,180)	(31,915)	350,984
	₩	4,449,432	230,032	(18,938)	(332,980)	(27,330)	4,781	4,304,997

- (\*1) Economic useful life of membership is indefinite.
- (\*2) During the nine-month period ended September 30, 2021, the Company decided to sell a portion of emission rights and recognized <del>W</del>7,180 million of impairment loss since book value exceeded fair value less costs to sell.
- (\*3) Represents assets transferred from construction-in-progress to intangible assets and assets transferred from property, plant and equipment, adjustments of foreign currency translation difference and others.
- (\*4) During the nine-month period ended September 30, 2021, evidence of impairment has occurred due to changes in the quality of bituminous coal and changes in production plans at Narrabri Coal Mine where POSCO INTERNATIONAL AUSTRALIA HOLDINGS PTY. LTD, a subsidiary of the Company, participates as a non-operating party. The Company recognized an impairment loss of W19,985 million since recoverable amounts are less than their carrying amounts.

#### (b) For the year ended December 31, 2020

(in millions of Won)	Beginning	Acquisitions	Disposals	Amortization	Impairment loss(*2)	Others(*3)	Ending
Goodwill W	1,097,809	-	-	-	(189,379)	(4,537)	903,893
Intellectual property rights	2,279,210	136,195	(3,617)	(282,594)	(7,727)	49,271	2,170,738
Membership(*1)	148,078	3,416	(12,340)	(107)	244	(588)	138,703
Development expense	94,339	1,315	(16)	(56,329)	(206)	188,008	227,111
Port facilities usage rights	281,398	-	-	(44,893)	-	(233)	236,272
Exploratation and evaluation assets	77,271	14,886	-	-	-	(35,017)	57,140
Customer relationships	374,875	-	-	(44,478)	-	(150)	330,247
Other intangible assets	555,493	159,590	(61,692)	(37,157)		(230,906)	385,328
₩	4,908,473	315,402	(77,665)	(465,558)	(197,068)	(34, 152)	4,449,432

(\*1) Economic useful life of membership is indefinite.

- (\*2) During the year ended December 31, 2020, the Company recognized W188,619 million of impairment loss on goodwill allocated to POSCO INTERNATIONAL Corporation CGU, a subsidiary included in trading segment since the recoverable amount calculated on the basis of value in use is less than the carrying amount of the CGU.
- (\*3) Represents assets transferred from construction-in-progress to intangible assets and assets transferred from property, plant and equipment, adjustments of foreign currency translation difference and others.

Notes to the Condensed Consolidated Interim Financial Statements, Continued As of September 30, 2021 (Unaudited)

#### 14. Other Assets

Other assets as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		September 30, 2021	December 31, 2020
Current			
Advance payments	W	458,214	348,753
Prepaid expenses		210,584	181,985
Firm commitment asset		23,098	23,506
Others		46,059	62,379
	₩	737,955	616,623
Non-current			
Advance payments	W	22,068	21,587
Prepaid expenses		78,843	92,774
Others(*1)		124,474	155,699
	₩	225,385	270,060

(\*1) As of September 30, 2021 and December 31, 2020, the Company recognized tax assets amounting to W67,464 million and W121,225 million, respectively, based on the Company's best estimate of the tax amounts to be refunded when the result of the Company's appeal in connection with the additional income tax payment in prior years' tax audits and claim for rectification are finalized.

#### 15. Borrowings

(a) Short-term borrowings and current portion of long-term borrowings and others as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	Lenders	Interest rate (%)	September 30, 2021	December 31, 2020
Short-term borrowings				
Bank overdrafts	JP Morgan and others	0.51 ~ 6.00	₩ 125,209	146,762
Short-term borrowings	HSBC and others	0.17 ~ 19.00	5,602,479	5,047,633
			5,727,688	5,194,395
Current portion of long-term liabilities				
Current portion of	Export-Import Bank of			
long-term borrowings	Korea and others	0.19 ~ 8.50	960,103	1,067,338
Current portion of debentures	Merrill Lynch and others	0.90 ~ 4.30	1,815,942	2,417,339
Less: Current portion of				
discount on debentures issued			(1,303)	(1,543)
			2,774,742	3,483,134
			₩ 8,502,430	8,677,529

# (b) Long-term borrowings, excluding current portion and others as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	Lenders	Interest rate (%)	September 30, 2021	December 31, 2020
Long-term borrowings	Export-Import Bank of			
	Korea and others	0.45 ~ 4.50	₩ 3,993,877	3,366,400
Less: Present value discount			(14,215)	(16,058)
Bonds	KB Securiest Co., Ltd.			
	and others	0.50 ~ 4.00	8,880,270	8,505,485
Less: Discount on debentures issued			(29,459)	(35,749)
Exchangeable bonds(*1)	Foreign currency			
	exchangeable bonds	-	1,508,149	-
			₩ 14,338,622	11,820,078

(\*1) The major conditions of the exchangeable bonds issued by the Company on September 1, 2021 are as follows.

	Foreign currency exchangeable bonds
Type of bond	Exchangeable bonds
Aggregate principal amount	EUR 1,065,900,000
Interest rate	- Coupon rate : -
	- Yield to maturity : (0.78%)
Maturity date	September 1, 2026
Redemption	- Redemption at maturity: Outstanding bond principal, which is not repaid early or which call
	option is not exercised on, is repaid at maturity as a lump sum
	- Prepayment: The issuer has call option and the bondholders have put option
Exchange rate	100%
Exchange price	494,450
(Won/share)	
Underlying shares	Registered common shares(treasury shares)
Exchange period	From October 12, 2021 to August 22, 2026
Adjustments for exchange price	Adjusting the exchange price according to the terms and conditions of the bond in the events of reason for adjusting the exchange price such as, bonus issue, share split, share consolidation, change of share type, issuance of options or warranties to shareholders, share dividend, cash dividend, rights issue under the market price
Put option by bondholders	- 3 years(September 1, 2024) from the closing date
	- In the event of a change of control of the Company
	- Where the shares issued by the Company are delisted (or suspended for more than 30 consecutive trading days)
Call option by the issuer	- Share price(based on closing price) is higher than 130% of exchange price for more than 20 trading days during 30 consecutive trading days in a row, after 3 years (September 1, 2024) from the closing day to 30 business days before the maturity of bonds
	- When the outstanding balance of outstanding bonds is less than 10% of the total issuance(Clean Up Call)
	- Where additional reasons for tax burden arise due to the amendment of relevant laws and regulations, etc

The Company has designated exchangeable bonds listed on the Singapore Stock Exchange as financial liabilities measured at fair value through profit or loss. The quoted transaction price is used in fair value valuation, and changes in fair value are recognized in profit or loss.

(c) Assets pledged as collateral in regard to the borrowings as of September 30, 2021 are as follows:

(in millions of Won)	Lenders		Book value	Pledged amount
Cash and cash equivalents	Shinhan Bank and others	₩	39,619	39,817
Property, plant and equipment and Investment property Trade accounts and notes receivable	Korea Development Bank and others		4,463,168	5,300,893
I rade accounts and notes receivable	Korea Development Bank and others		350,218	349,851
Inventories	Export-Import Bank of Korea and others		106,231	12,650
Financial instruments	KB Kookmin Bank and others		25,638	25,637
		₩	4,984,874	5,728,848

## 16. Other Payables

Other payables as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	Septe	ember 30, 2021	December 31, 2020
Current			
Accounts payable	$\mathbf{W}$	728,800	800,439
Accrued expenses		731,158	697,087
Dividend payable		2,650	2,703
Lease liabilities		157,317	244,548
Withholdings		126,348	100,489
	₩	1,746,273	1,845,266
Non-current			
Accounts payable	$\mathbf{W}$	19,445	5,572
Accrued expenses		5,000	4,953
Lease liabilities		621,072	495,127
Withholdings		53,534	53,272
	₩	699,051	558,924

Notes to the Condensed Consolidated Interim Financial Statements, Continued As of September 30, 2021 (Unaudited)

#### 17. Other Financial Liabilities

Other financial liabilities as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		September 30, 2021	December 31, 2020
Current			
Derivative liabilities	$\mathbf{W}$	116,786	82,859
Financial guarantee liabilities		19,560	58,545
	W	136,346	141,404
Non-current			
Derivative liabilities	₩	23,722	129,505
Financial guarantee liabilities		7,455	4,083
	₩	31,177	133,588

#### **18. Provisions**

(a) Provisions as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		September 30, 2021		December 31, 2020	
	_	Current	Non-current	Current	Non-current
Provision for bonus payments	₩	58,601	54,763	73,441	48,510
Provision for construction warranties		13,232	223,678	9,662	217,435
Provision for legal contingencies and claims(*1)		26,116	73,657	24,275	63,175
Provision for the restoration(*2)		6,492	149,353	5,307	134,438
Others(*3,*4)	_	280,300	59,758	330,588	59,411
	₩	384,741	561,209	443,273	522,969

- (\*1) The Company recognized probable outflow of resources amounting to W69,424 million and W59,211 million as provisions for legal contingencies and asserted claim in relation to lawsuits against the Company as of September 30, 2021 and December 31, 2020, respectively.
- (\*2) Due to contamination of lands near the Company's magnesium smelting plant located in Gangneung province and others, the Company recognized present values of estimated costs for recovery, ₩14,141 million as provisions for restoration as of September 30, 2021. In order to determine the estimated costs, the Company has assumed that it would use all of technologies and materials available for now to recover the land. In addition, the Company has applied a discount rate of 1.73%~2.01% to measure present value of these costs.
- (\*3) As of September 30, 2021 and December 31, 2020, POSCO ENERGY CO., LTD., and Korea Fuel Cell recognized W75,438 million and W80,842 million of provisions for warranties, respectively, for the service contract on fuel cell based on its estimate of probable outflow of resources.
- (\*4) The Company has recognized emission liabilities of ₩73,888 million and ₩78,646 million for greenhouse gas emissions exceeding the quantity of free quota emission rights expected to be submitted as of September 30, 2021 and December 31, 2020, respectively.

- (b) Changes in provisions for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:
  - 1) For the nine-month period ended September 30, 2021

(in millions of Won)		Beginning	Increase	Utilization	Reversal	Others(*1)	Ending
Provision for bonus payments	₩	121,951	71,073	(76,341)	(2,454)	(865)	113,364
Provision for construction warranties		227,097	56,438	(44,010)	(2,821)	206	236,910
Provision for legal contingencies and claims		87,450	34,234	(22,757)	(2,913)	3,759	99,773
Provision for the restoration		139,745	25,996	(4,729)	(10,813)	5,646	155,845
Others		389,999	224,671	(174,393)	(102,600)	2,381	340,058
	₩	966,242	412,412	(322,230)	(121,601)	11,127	945,950

(\*1) Includes adjustments of foreign currency translation differences and others.

#### 2) For the year ended December 31, 2020

(in millions of Won)		Beginning	Increase	Utilization	Reversal	Others(*1)	Ending
Provision for bonus payments	₩	123,669	106,855	(109,835)	(6,334)	7,596	121,951
Provision for construction warranties		170,428	86,691	(23,916)	(5,311)	(795)	227,097
Provision for legal contingencies and claims		84,484	30,894	(16,444)	(9,087)	(2,397)	87,450
Provision for the restoration		87,303	67,501	(6,525)	(15,811)	7,277	139,745
Others		352,765	349,639	(142,440)	(133,294)	(36,671)	389,999
	₩	818,649	641,580	(299,160)	(169,837)	(24,990)	966,242

(\*1) Includes adjustments of foreign currency translation differences and others.

## **19. Employee Benefits**

(a) Defined contribution plans

The expenses related to post-employment benefit plans under defined contribution plans for the three-month and nine-month periods ended September 30, 2021 and 2020 were as follows:

		For the three-month periods ended September 30		For the nine-month periods ended September 30	
(in millions of Won)		2021	2020	2021	2020
Expense related to post-employment benefit plans under defined contribution plans	₩	13,212	10,682	37,762	35,729

#### (b) Defined benefit plans

1) The amounts recognized in relation to net defined benefit liabilities in the statements of financial position as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	Sept	ember 30, 2021	December 31, 2020
Present value of funded obligations	$\mathbf{W}$	2,477,916	2,439,938
Fair value of plan assets(*1)		(2,276,352)	(2,397,717)
Present value of non-funded obligations		6,193	13,415
Net defined benefit liabilities	₩	207,757	55,636

- (\*1) As of September 30, 2021 and December 31, 2020, the Company recognized net defined benefit assets amounting to W9,120 million and W86,149 million respectively, since there are consolidated entities whose fair value of plan assets exceeded the present value of defined benefit obligations.
- 2) Changes in present value of defined benefit obligations for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:

(in millions of Won)	Sept	ember 30, 2021	December 31, 2020
Defined benefit obligation			
at the beginning of period	₩	2,453,353	2,431,880
Current service costs		182,339	245,047
Interest costs		38,576	47,485
Remeasurements		2,679	(52,732)
Benefits paid		(194,468)	(225,293)
Others		1,630	6,966
Defined benefit obligation at the end of period	W	2,484,109	2,453,353

3) Changes in fair value of plan assets for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:

(in millions of Won)	Sept	ember 30, 2021	December 31, 2020
Fair value of plan assets			
at the beginning of period	$\mathbf{W}$	2,397,717	2,255,149
Interest on plan assets		38,358	44,208
Remeasurement of plan assets		(7,004)	(600)
Contributions to plan assets		26,306	307,367
Benefits paid		(178,530)	(213,246)
Others		(495)	4,839
Fair value of plan assets at the end of period	₩	2,276,352	2,397,717

 The amounts recognized in condensed consolidated interim statements of comprehensive income for the three-month and nine-month period ended September 30, 2021 and 2020 were as follows:

		For the three-month periods ended September 30		For the nine-mor ended Septen	•
(in millions of Won)		2021	2020	2021	2020
Current service costs Net interest costs	₩	61,934 28	58,693 733	182,339 218	181,204 2,211
	₩	61,962	59,426	182,557	183,415

#### 20. Other Liabilities

Other liabilities as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		September 30, 2021	December 31, 2020
Current			
Due to customers for contract work	₩	883,604	807,465
Advances received		443,986	416,960
Unearned revenue		55,949	24,433
Withholdings		374,696	332,327
Firm commitment liability		16,378	35,993
Others		10,603	8,304
	₩	1,785,216	1,625,482
Non-current			
Unearned revenue	₩	22,779	17,953
Others		21,874	19,067
	₩	44,653	37,020
# **POSCO and Subsidiaries**

Notes to the Condensed Consolidated Interim Financial Statements, Continued As of September 30, 2021 (Unaudited)

#### 21. Financial Instruments

- (a) Classification and fair value of financial instruments
- 1) The carrying amount and fair values of financial assets and financial liabilities by fair value hierarchy as of September 30, 2021 and December 31, 2020 are as follows:

#### ① September 30, 2021

(in millions of Won)				Fair val	ue	
		Book value	Level 1	Level 2	Level 3	Total
Financial assets						
Fair value through profit or loss						
Derivative assets	₩	251,009		251,009		251,009
Short-term financial instruments		10,005,893	-	10,005,893	-	10,005,893
Long-term financial instruments		292,201	-	292,201	-	292,201
Debt securities		8,361	-	-	8,361	8,361
Other securities		459,297	43,969	1,898	413,430	459,297
Other receivables		2,000	-	-	2,000	2,000
Derivative hedging instruments(*2)		40,964	-	40,964	-	40,964
Fair value through other comprehensive income						
Equity securities		1,388,967	1,223,602	-	165,365	1,388,967
Debt securities		13,044	-	-	13,044	13,044
Financial assets measured at amortized cost(*1)						
Cash and cash equivalents		5,480,045	-	-	-	-
Trade accounts and notes receivable		9,593,618	-	-	-	-
Other receivables		2,829,439	-	-	-	-
Debt securities		51,145	-	-	-	-
Deposit instruments	_	3,063,925		-		-
	₩	33,479,908	1,267,571	10,591,965	602,200	12,461,736
Financial liabilities						
Fair value through profit or loss						
Derivative liabilities	₩	109,558	-	109,558	-	109,558
Borrowings		1,508,149	1,508,149	-	-	1,508,149
Derivative hedging instruments(*2)		30,950		30,950		30,950
Financial liabilities measured at amortized cost(*1)						
Trade accounts and notes payable		5,218,543	-	-	-	-
Borrowings		21,332,903	-	21,483,857	-	21,483,857
Financial guarantee liabilities		27,015	-	-	-	-
Others	_	2,178,628		-	-	-
	₩	30.405.746	1,508,149	21,624,365		23,132,514

(\*1) Fair value of financial assets and liabilities measured at amortized cost except borrowings approximates their carrying amounts.

(\*2) The Company applies hedge accounting which uses forward contracts as hedging instrument in order to hedge the risk of changes in fair value of product prices regarding firm commitments or purchase commitments. Also, the Company applies cash flow hedge accounting which uses currency swap as hedging instrument in order to hedge the risk of interest rate and foreign exchange rate changes in foreign currency which influences cash flow from borrowings.

<sup>(2)</sup> December 31, 2020

(in millions of Won)				Fair val	ue	
		Book value	Level 1	Level 2	Level 3	Total
Financial assets	_					
Fair value through profit or loss						
Derivative assets	₩	79,995	-	79,995	-	79,995
Short-term financial instruments		9,133,404	-	9,133,404	-	9,133,404
Debt securities		20,797	-	-	20,797	20,797
Other securities		364,404	47,321	2,242	314,841	364,404
Other receivables		2,000	-	-	2,000	2,000
Derivative hedging instruments		37,880	-	37,880	-	37,880
Fair value through other comprehensive income						
Equity securities		1,120,968	729,342	-	391,626	1,120,968
Debt securities		2,471	-	-	2,471	2,471
Financial assets measured at amortized cost(*1)						
Cash and cash equivalents		4,754,644	-	-	-	-
Trade accounts and notes receivable		7,332,890	-	-	-	-
Other receivables		2,300,515	-	-	-	-
Debt securities		151,146	-	-	-	-
Deposit instruments		2,359,951	-	-	-	-
	₩	27,661,065	776,663	9,253,521	731,735	10,761,919
Financial liabilities						
Fair value through profit or loss						
Derivative liabilities	₩	180.773	-	180,773	-	180,773
Derivative hedging instruments		31,591	-	31,591	-	31,591
Financial liabilities measured at amortized cost(*1)						
Trade accounts and notes payable		3,777,836	-	-	-	-
Borrowings		20,497,607	-	20,821,353	-	20,821,353
Financial guarantee liabilities		62,629	-	-	-	-
Others		2,347,244	-	-	-	-
	w	26,897,680		21.033.717		21,033,717

- (\*1) Fair value of financial assets and liabilities measured at amortized cost except borrowings approximates their carrying amounts.
- 2) Finance income and costs by category of financial instrument for the nine-month periods ended September 30, 2021 and 2020 were as follows:
  - ① For the nine-month period ended September 30, 2021

(in millions of Won)				Finance inco	me and costs			
		Interest income (expense)	Gain and loss on valuation	Gain and loss on foreign currency	Gain and loss on disposal	Others	Total	Other comprehensive income(loss)
Financial assets at fair value								
through profit or loss	₩	106,930	(7,961)	-	10,788	13,085	122,842	-
Derivatives assets		-	148,865	-	253,494	-	402,359	-
Financial assets at fair value								
through other comprehensive income		-	-	-	-	30,247	30,247	199,143
Financial assets measured at								
amortized cost		101,534	-	649,801	(11,096)	(199)	740,040	-
Financial liabilities at fair value		-	15,311	(1,141)	-	(15,876)	(1,706)	-
Derivatives liabilities		-	108,154	-	(323,390)	-	(215,236)	333
Financial liabilities measured								
at amortized cost		(324,159)		(856,068)	(15)	5,543	(1,174,699)	
	₩	(115,695)	264,369	(207,408)	(70,219)	32,800	(96, 153)	199,476

#### 2 For the nine-month period ended September 30, 2020

(in millions of Won)		Finance income and costs								
		Interest income (expense)	Gain and loss on valuation	Gain and loss on foreign currency	Gain and loss on disposal	Others	Total	Other comprehensive income (loss)		
Financial assets at fair value										
through profit or loss	₩	127,564	33,765	-	10,591	985	172,905	-		
Derivatives assets		-	185,405	-	195,304	-	380,709	-		
Financial assets at fair value										
through other comprehensive income		-	-	-	-	31,075	31,075	(154,471)		
Financial assets measured at										
amortized cost		168,721	-	229,538	(12,309)	(203)	385,747	-		
Derivatives liabilities		-	(29,170)	-	(255,418)	-	(284,588)	(730)		
Financial liabilities measured										
at amortized cost		(505,797)		(265,300)	<u> </u>	(5,752)	(776,849)			
	₩	(209,512)	190,000	(35,762)	(61,832)	26,105	(91,001)	(155,201)		

- 3) Finance income and costs by category of financial instrument for the three-month periods ended September 30, 2021 and 2020 were as follows:
  - ① For the three-month period ended September 30, 2021

(in millions of Won)	Finance income and costs							
	_	Interest income (expense)	Gain and loss on valuation	Gain and loss on foreign currency	Gain and loss on disposal	Others	Total	Other comprehensive income(loss)
Financial assets at fair value								
through profit or loss	₩	30,036	2,131	-	8,954	5,251	46,372	-
Derivatives assets		-	62,568	-	74,268	-	136,836	-
Financial assets at fair value								
through other comprehensive income		-	-	-	-	8,556	8,556	30,254
Financial assets measured at								
amortized cost		62,041	-	421,940	(4,679)	(110)	479,192	-
Financial liabilities at fair value		-	15,311	(1,141)	-	(15,876)	(1,706)	-
Derivatives liabilities		-	63,654	-	(93,104)	-	(29,450)	108
Financial liabilities measured								
at amortized cost		(88,546)	-	(514,814)	(15)	(8,089)	(611,464)	-
	₩	3,531	143,664	(94,015)	(14,576)	(10,268)	28,336	30,362

## ② For the three-month period ended September 30, 2020

(in millions of Won)	_	Finance income and costs								
	_	Interest income (expense)	Gain and loss on valuation	Gain and loss on foreign currency	Gain and loss on disposal	Others	Total	Other comprehensive income (loss)		
Financial assets at fair value										
through profit or loss	₩	45,561	25,961	-	7,737	(13)	79,246	-		
Derivatives assets		-	(79,082)	-	57,127	-	(21,955)	-		
Financial assets at fair value										
through other comprehensive income		-	-	-	-	5,507	5,507	11,495		
Financial assets measured at										
amortized cost		46,722	-	(67,335)	(2,689)	(43)	(23,345)	-		
Derivatives liabilities		-	9,899	-	(78,551)	-	(68,652)	111		
Financial liabilities measured										
at amortized cost	_	(158,998)		150,310	-	(5,882)	(14,570)			
	₩	(66,715)	(43,222)	82,975	(16,376)	(431)	(43,769)	11,606		

(b) Financial risk management

The Company is exposed to credit risk, liquidity risk and market risk arising from financial assets and liabilities. The Company's financial risk management objectives and policies are consistent with those disclosed in the consolidated financial statements as of and for the year ended December 31, 2020.

## 22. Share Capital and Capital Surplus

(a) Share capital as of September 30, 2021 and December 31, 2020 are as follows:

(in Won, except share information)		September 30, 2021	December 31, 2020
Authorized shares		200,000,000	200,000,000
Par value	₩	5,000	5,000
Issued shares(*1)		87,186,835	87,186,835
Shared capital(*2)	₩	482,403,125,000	482,403,125,000

- (\*1) As of September 30, 2021, total shares of ADRs of 25,453,740 outstanding in overseas stock market are equivalent to 6,363,435 of common stock.
- (\*2) As of September 30, 2021, the difference between the ending balance of common stock and the par value of issued common stock is W46,469 million due to retirement of 9,293,790 treasury stocks.
- (b) Capital surplus as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	September 30, 2021	December 31, 2020
Share premium	463,825	463,825
Gain on disposal of treasury shares	796,623	796,623
Other capital surplus	94,085	50,099
<del>V</del>	1,354,533	1,310,547

## 23. Hybrid Bonds

(a) Hybrid bonds classified as equity as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	Date of issue	Date of maturity	Interest rate (%)		September 30, 2021	December 31, 2020
Hybrid bond 1-2(*1) Issuance cost	2013-06-13	2043-06-13	4.60	₩	200,000 (616)	200,000 (616)
				₩	199,384	199,384

(\*1) Details of issuance of hybrid bonds as of September 30, 2021 are as follows:

	Hybrid bond 1-2
Maturity date	30 years (POSCO has a right to extend the maturity date)
Interest rate	<ul> <li>Issue date ~ 2023-06-12 : 4.60%</li> <li>Reset every 10 years as follows;</li> <li>After 10 years: return on government bond of the Republic of Korea (10years) + 1.40%</li> <li>After 10 years: additionally +0.25% according to Step-up clauses</li> <li>After 30 years: additionally +0.75%</li> </ul>
Interest payments condition	Quarterly (Optional deferral of interest payment is available to POSCO)
Others	POSCO can call the hybrid bond at year 10th anniversary of issuance and interest payment date afterwards

The hybrid bond holders' preference in the event of liquidation is senior to the common stockholders, but subordinate to other creditors. The interest accumulated but not paid on the hybrid bonds as of September 30, 2021 amounts to W454 million.

(b) POSCO ENERGY CO., LTD., a subsidiary of the Company, issued hybrid bonds which are classified as non-controlling interests in the consolidated financial statements. Hybrid bonds as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	Date of issue	Date of maturity	Interest rate (%)		September 30, 2021	December 31, 2020
Hybrid bond 1-4(*1)	2013-08-29	2043-08-29	5.21	₩	140,000	140,000
Issuance cost				_	(429)	(429)
				₩	139,571	139,571

(\*1) Details of hybrid bonds of POSCO ENERGY CO., LTD. as of September 30, 2021 are as follows:

	Hybrid bond 1-4
Maturity date	30 years (The issuer has a right to extend the maturity date)
Interest rate	lssue date ~ 2023-08-29 : 5.21% Reset every 10 years as follows; · After 10 years: return on government bond of the Republic of Korea (10 years) + 1.55% · After 10 years: additionally + 0.25% according to Step-up clauses · After 30 years: additionally +0.75%
Interest payments condition	Quarterly (Optional deferral of interest payment is available to the issuer)
Others	The issuer can call the hybrid bond at year 10th anniversary of issurance and interest payment date afterwards

The hybrid bond holders' preference in the event of liquidation is senior to the common stock holders, but subordinated to other creditors. The interest accumulated but not paid on the hybrid bonds as of September 30, 2021 amounts to W679 million.

#### 24. Reserves

Reserves as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	-	September 30, 2021	December 31, 2020
Accumulated comprehensive loss of investments in associates and joint ventures	₩	(535,570)	(693,176)
Changes in fair value of equity investments at fair value through other comprehensive income		(158,089)	(359,283)
Foreign currency translation differences		(22,850)	(339,707)
Gains or losses on valuation of derivatives		(433)	(699)
Others		11,947	11,947
	₩	(704,995)	(1,380,918)

## 25. Treasury Shares

Based on the Board of Directors' resolution, the Company holds treasury shares for business purposes including price stabilization. The changes in treasury shares for nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows.

(shares, in millions of Won)	September 30	), 2021	December 31, 2020		
	Number of shares	Amount	Number of shares	Amount	
Beginning	11,171,363 ₩	2,391,523	7,071,194 ₩	1,508,303	
Acquisition of treasury shares	389,900	116,771	4,100,169	883,220	
Ending	11,561,263 ₩	2,508,294	11,171,363 ₩	2,391,523	

The trust contract of acquiring treasury shares contracted during the year ended December 31, 2020, was ended as of April 12, 2021, due to completion of acquiring treasury share and expiration of contract term.

#### 26. Revenue

(a) Disaggregation of revenue

- 1) Details of revenue disaggregated by types of revenue and timing of revenue recognition for the nine-month periods ended September 30, 2021 and 2020 were as follows:
  - ① For the nine-month period ended September 30, 2021

(in millions of Won)		Steel	Trading	Construction	Others	Total
Types of revenue						
Revenue from sales of goods	₩	28,800,196	17,757,155	-	1,046,321	47,603,672
Revenue from services		482,432	369,646	44,187	1,530,349	2,426,614
Revenue from construction contract		-	-	4,509,743	24,770	4,534,513
Others		92,194	199,745	1,656	139,678	433,273
	₩	29,374,822	18,326,546	4,555,586	2,741,118	54,998,072
Timing of revenue recognition						
Revenue recognized at a point in time	₩	28,892,390	17,956,900	51,746	1,185,999	48,087,035
Revenue recognized over time		482,432	369,646	4,503,840	1,555,119	6,911,037
	₩	29,374,822	18,326,546	4,555,586	2,741,118	54,998,072

#### ② For the nine-month period ended September 30, 2020

(in millions of Won)		Steel	Trading	Construction	Others	Total
Types of revenue						
Revenue from sales of goods	₩	20,545,012	14,108,407	-	611,217	35,264,636
Revenue from services		343,393	293,983	33,882	1,377,614	2,048,872
Revenue from construction contract		-	-	4,878,088	20,467	4,898,555
Others	_	26,812	118,301	5,143	166,266	316,522
	₩	20,915,217	14,520,691	4,917,113	2,175,564	42,528,585
Timing of revenue recognition						
Revenue recognized at a point in time	W	20,571,824	14,226,708	120,754	777,483	35,696,769
Revenue recognized over time		343,393	293,983	4,796,359	1,398,081	6,831,816
	₩	20.915.217	14.520.691	4.917.113	2,175,564	42.528.585

- 2) Details of revenue disaggregated by types of revenue and timing of revenue recognition for the three-month periods ended September 30, 2021 and 2020 were as follows:
  - ① For the three-month period ended September 30, 2021

(in millions of Won)		Steel	Trading	Construction	Others	Total
Types of revenue						
Revenue from sales of goods	₩	10,750,980	6,769,589	-	379,043	17,899,612
Revenue from services		217,227	133,574	17,199	617,056	985,056
Revenue from construction contract		-	-	1,562,608	5,064	1,567,672
Others		66,685	62,386	650	54,822	184,543
	₩	11.034.892	6,965,549	1,580,457	1,055,985	20,636,883
Timing of revenue recognition						
Revenue recognized at a point in time	₩	10,817,665	6,831,975	30,990	433,865	18,114,495
Revenue recognized over time		217,227	133,574	1,549,467	622,120	2,522,388
	₩	11,034,892	6.965.549	1.580.457	1.055.985	20.636.883

## ② For the three-month period ended September 30, 2020

(in millions of Won)		Steel	Trading	Construction	Others	Total
Types of revenue						
Revenue from sales of goods	₩	7,317,057	4,370,071	-	243,250	11,930,378
Revenue from services		110,529	102,730	11,034	492,283	716,576
Revenue from construction contract		-	-	1,509,453	6,260	1,515,713
Others		8,213	31,269	1,124	57,945	98,551
	w	7,435,799	4,504,070	1,521,611	799,738	14,261,218
Timing of revenue recognition						
Revenue recognized at a point in time	₩	7,325,270	4,401,340	16,216	301,194	12,044,020
Revenue recognized over time		110,529	102,730	1,505,395	498,544	2,217,198
	w	7,435,799	4,504,070	1,521,611	799,738	14,261,218

(b) Details of contract assets and liabilities from contracts with customers as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	_	September 30, 2021	December 31, 2020
Receivables			
Account receivables	₩	9,593,618	7,332,890
Contract assets			
Due from customers for contract work		955,239	874,152
Contract liabilities			
Advance received		445,612	418,777
Due to customers for contract work		883,604	807,465
Unearned revenue		78,431	42,040

## 27. Revenue – Contract Balances

(a) Details of outstanding contracts as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		September 30	), 2021	December 31, 2020		
	_	Construction segment	Others	Construction segment	Others	
Accumulated cost	₩	32,008,638	113,160	30,780,560	247,737	
Accumulated contract profit		3,196,483	22,404	3,034,148	49,692	
Accumulated contract loss		(1,232,781)	(17,276)	(1,260,451)	(2,482)	
Accumulated contract revenue		33,972,340	118,288	32,554,257	294,947	

(b) Details of due from customers for contract work and due to customers for contract work as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)		September	r 30, 2021	December 31, 2020		
	_	Construction segment	Others	Construction segment	Others	
Due from customers for contract	₩	987,760	42,329	915,285	33,594	
Due to customers for contract work	_	(835,271)	(48,333)	(765,818)	(41,647)	
	₩_	152,489	(6,004)	149,467	(8,053)	

(c) Details of the provisions of construction loss as of September 30, 2021 and December 31, 2020 are as follows:

(in millions of Won)	_	September 30, 2021	December 31, 2020
Construction segment	₩	31,440	70,818
Others	_	16,942	437
	₩	48,382	71,255

(d) Due to the factors causing the variation of costs for the nine-month period ended September 30, 2021, the estimated total contract costs have changed. Details of changes in estimated total contract costs and the impact on profit before income taxes for the nine-month period ended September 30, 2021 and future periods are as follows:

			Changes in profit (loss) of contract						
(in millions of Won)	-	Changes in estimated total contract costs	Net income (loss)	Future income (loss)	Total				
Construction segment	₩	235,795	93,685	94,489	188,174				
Others	-	9,696	2,160	(10,667)	(8,507)				
	₩	245,491	95,845	83,822	179,667				

The effect on the current and future profit is estimated based on the circumstances that have occurred from the commencement date of the contract to September 30, 2021. The estimation is evaluated for the total contract costs and expected total contract revenue as of the end of the period. Also, it may change during future periods.

#### (e) Uncertainty of estimates

1) Total contract revenues

Total contract revenues are measured based on contractual amount initially agreed. However, the contract revenues can increase due to additional contract work, claims and incentive payments, or decrease due to penalty when the completion of contract is delayed due to the Company's fault. Therefore, this measurement of contract revenues is affected by the uncertainty of the occurrence of future events.

2) Total contract costs

Contract revenues are recognized based on the percentage of completion, which is measured on the basis of the gross cost amount incurred to date. Total contract costs are estimated based on estimates of future material costs, labor costs, outsourcing cost and others. There is uncertainty in estimates on future contract costs due to various internal and external factors such as fluctuation of market, the risk of business partner and the experience of project performance and others. The significant assumptions including uncertainty of the estimate of total contract costs are as follows:

Method of significant assumptionMaterial costAssumption based on recent purchasing price and quoted market priceLabor costAssumption based on standard monthly and daily labor costOutsourcing costAssumption based on the past experience rate of similar project and market price

Management reviews the assumptions used in estimated contract costs at each reporting period end and adjusts them, if necessary.

#### 28. Selling and Administrative Expenses

(a) Other administrative expenses

Other administrative expenses for the three-month and nine-month periods ended September 30, 2021 and 2020 were as follows:

(in millions of Won)		For the three-month period ended September 30		For the nine-month period ended September 30	
		2021	2020	2021	2020
Wages and salaries	₩	260,416	210,874	691,564	621,394
Expenses related to post-employment benefits		23,335	18,197	94,483	60,078
Other employee benefits		52,358	43,253	145,647	129,004
Travel		4,136	3,719	12,873	13,609
Depreciation		36,881	36,393	107,484	109,250
Amortization		18,963	26,113	68,711	80,746
Communication		3,202	2,305	7,544	7,106
Electricity		1,845	2,055	5,476	6,085
Taxes and public dues		15,638	11,311	62,440	43,386
Rental		7,731	6,733	19,983	22,998
Repairs		3,425	2,463	8,446	5,701
Entertainment		2,280	1,911	6,636	5,456
Advertising		22,593	16,842	59,103	51,495
Research & development		23,362	29,083	83,734	78,354
Service fees		46,625	36,957	132,507	113,732
Vehicles maintenance		1,304	1,179	3,805	3,678
Industry association fee		1,582	1,502	7,366	7,541
Conference		3,241	2,922	9,361	8,247
Increase to provisions		1,926	1,728	4,747	3,610
Others	_	13,818	10,717	35,141	28,394
	₩	544,661	466,257	1,567,051	1,399,864

#### (b) Selling expenses

Selling expenses for the three-month and nine-month periods ended September 30, 2021 and 2020 were as follows:

(in millions of Won)		For the three-m ended Septe	•	For the nine-month period ended September 30		
	_	2021	2020	2021	2020	
Freight and custody expenses	₩	45,720	49,434	140,542	135,537	
Operating expenses for distribution center		1,860	1,589	5,399	5,276	
Sales commissions		21,483	13,795	59,245	81,714	
Sales advertising		1,700	64	2,089	634	
Sales promotion		1,108	1,897	4,232	5,133	
Sample		454	318	1,442	1,190	
Sales insurance premium		10,411	6,735	29,629	22,364	
Contract cost		14,625	11,420	41,727	27,170	
Others		3,339	4,482	9,516	13,043	
	₩	100,700	89,734	293,821	292,061	

## **29. Finance Income and Costs**

Details of finance income and costs for the three-month and nine-month periods ended September 30, 2021 and 2020 were as follows:

(in millions of Won)		For the three-m ended Septe	•	For the nine-mo ended Septe	•
	_	2021	2020	2021	2020
Finance income					
Interest income(*1)	₩	92,078	92,283	208,464	296,285
Dividend income		13,807	5,494	43,332	32,060
Gain on foreign currency transactions		331,943	174,109	732,908	810,396
Gain on foreign currency translations		159,796	35,923	363,662	255,900
Gain on derivatives transactions		80,452	67,552	279,496	212,192
Gain on valuations of derivatives		213,899	(72,513)	402,134	208,687
Others		34,024	38,583	71,491	56,004
	₩	925,999	341,431	2,101,487	1,871,524
Finance costs					
Interest expenses	₩	88,547	158,998	324,159	505,797
Loss on foreign currency transactions		279,631	206,255	659,932	691,009
Loss on foreign currency translations		306,123	(79,198)	644,046	411,049
Loss on derivatives transactions		99,288	88,976	349,392	272,306
Loss on valuation of derivatives		87,677	(3,330)	145,115	52,452
Loss on disposal of trade accounts and notes receiv	/able	4,678	2,689	11,096	12,345
Others	_	31,719	10,809	63,900	17,567
	₩	897,663	385,199	2,197,640	1,962,525

(\*1) Interest income calculated using the effective interest method for the nine-month period ended September 30, 2021 and 2020 were W101,534 million and W168,721 million, respectively.

#### **30. 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 were as follows:

(in millions of Won)		For the three-me ended Septe	•	For the nine-month period ended September 30	
	_	2021	2020	2021	2020
Other non-operating income					
Gain on disposals of assets held for sale	₩	960	-	46,703	299
Gain on disposals of investments					
in subsidiaries, associates and joint ventures		600	2,082	26,655	43,421
Gain on disposals of property, plant and equipment		1,467	2,196	8,406	9,542
Gain on valuation of firm commitment		30,099	17,396	148,752	55,062
Gain on disposals of emission rights		-	285	567	24,851
Gain on insurance claim		1,611	3,490	22,159	10,623
Reversal of other provisions		160	2,735	2,559	3,574
Others(*1)		27,700	38,084	140,594	85,800
	₩	62,597	66,268	396,395	233,172
Other non-operating expenses					
Impairment loss on assets held for sale	₩	-	-	-	5,030
Loss on disposals of investments					
in subsidiaries, associates and joint ventures		310	3,586	7,878	13,659
Loss on disposals of property, plant and equipment		20,242	26,451	56,389	105,440
Impairment loss on property, plant and equipment		27,643	284	44,536	21,684
Impairment loss on intangible assets		20,776	41	27,997	1,225
Loss on valuation of firm commitment		15,387	21,154	92,705	57,229
Idle tangible asset expenses		6,030	4,181	18,699	14,866
Increase to provisions		10,682	6,452	21,158	7,676
Donations		21,087	8,137	36,615	24,845
Others		10,141	13,884	84,382	49,951
	₩	132,298	84,170	390,359	301,605

(\*1) During the nine-month period ended September 30, 2021, the Company recognized W48,773 million of non-operating income for refund of other than corporate tax as a result of administrative litigation for tax audits.

## **31. Expenses by Nature**

Expenses that are recorded by nature as cost of sales, selling and administrative expenses, impairment loss on other receivables and other non-operating expenses in the statements of comprehensive income for the three-month and nine-month periods ended September 30, 2021 and 2020 were as follows (excluding finance costs and income tax expense):

(in millions of Won)	For the three-month period ended September 30		For the nine-month period ended September 30		
	2021	2020	2021	2020	
Raw material used, changes in inventories and others $~~$ $\!$	11,721,604	8,809,612	32,237,738	25,757,893	
Employee benefits expenses	1,084,421	906,728	2,926,612	2,678,926	
Outsourced processing cost	1,950,052	1,771,108	5,472,262	5,857,897	
Electricity and water expenses	177,309	168,788	539,525	482,046	
Depreciation(*1)	776,604	793,940	2,333,660	2,348,977	
Amortization	112,514	106,230	332,988	336,624	
Freight and custody expenses	425,999	376,397	1,143,220	1,058,528	
Sales commissions	21,483	13,795	59,245	81,714	
Loss on disposal of property, plant and equipment	20,242	26,451	56,389	105,440	
Impairment loss on property, plant and equipment	27,644	284	44,536	21,684	
Impairment loss on intangible assets	20,777	41	27,997	1,225	
Donations	21,087	8,137	36,615	24,845	
Other expenses	1,301,539	695,987	3,329,915	2,543,443	
₩	17,661,275	13,677,498	48,540,702	41,299,242	

(\*1) Includes depreciation expense of investment property.

## 32. Income Taxes

The effective tax rates of the Company for the nine-month periods ended September 30, 2021 and 2020 were 23.83% and 30.07%, respectively.

#### 33. Earnings per Share

(a) Basic earnings per share for the three-month and nine-month periods ended September 30, 2021 and 2020 were as follows:

(in Won except per share information)		For the three-n ended Sept	•	For the nine-me ended Septe	•
	_	2021	2020	2021	2020
Profit attributable to controlling interest Interests of hybrid bonds Weighted-average number of	₩	2,429,720,200,212 (1,681,205,479)	465,457,487,777 (1,681,205,479)	5,118,799,676,088 (4,988,794,519)	901,132,036,554 (5,007,068,492)
common shares outstanding (*1) Basic earnings per share	₩_	75,625,572 32,106	79,230,216 5,854	75,719,934 67,536	79,784,098 11,232

(\*1) The weighted-average number of common shares used to calculate basic earnings per share are as follows:

(shares)	For the three-month period ended September 30		For the nine-mor ended Septen	•
	2021	2020	2021	2020
Total number of common shares issued Weighted-average number of treasury shares	87,186,835 (11,561,263)	87,186,835 (7,956,619)	87,186,835 (11,466,901)	87,186,835 (7,402,737)
Weighted-average number of common shares outstanding	75,625,572	79,230,216	75,719,934	79,784,098

(b) Diluted earnings per share for the three-month and nine-month periods ended September 30, 2021 and 2020 were as follows:

(in Won, except share information)		For the three-me ended Septe	•	For the nine-mo ended Septer	
	_	2021	2020	2021	2020
Profit for the period	₩	2,429,720,200,212	465,457,487,777	5,118,799,676,088	901,132,036,554
Interests of hybrid bonds, net of tax Gain or loss from exchange rate on and		(1,681,205,479)	(1,681,205,479)	(4,988,794,519)	(5,007,068,492)
revaluation of exchangeable bonds Adjusted weighted-average number		(10,273,058,805)	-	(10,273,058,805)	-
of common shares(*1)	_	76,581,815	79,230,216	76,042,185	79,784,098
Diluted earnings per share	₩	31,571	5,854	67,115	11,232

# (\*1) The weighted-average number of common shares used to calculate diluted earnings per share are as follows:

(shares)	For the three-mo ended Septen	•	For the nine-mor ended Septen	•
	2021	2020	2021	2020
Weighted-average number of common shares outstanding Weighted-average number	75,625,572	79,230,216	75,719,934	79,784,098
of potential common share	956,243		322,251	
Adjusted weighted-average number of common shares	76,581,815	79,230,216	76,042,185	79,784,098

As of September 30, 2021, the Company holds exchangeable bonds as dilutive potential common shares. As of December 31, 2020, diluted earnings per share is equal to basic earnings per share as the Company does not have dilutive potential common shares.

## 34. Related Party Transactions

(a) Significant transactions between the controlling company and related companies for the nine-month periods ended September 30, 2021 and 2020 were as follows:

1) For the nine-month period ended September 30, 2021

(in millions of Won)	Sales and o	thers(*1)	Purchase and others(*2)			
	Sales	Others	Purchase of material	Purchase of fixed assets	Outsourced processing cost	Others
Subsidiaries(*3)						
POSCO ENGINEERING & CONSTRUCTION CO., LTD.	₩ 4,315	11,094	-	286,992	109	26,431
POSCO COATED & COLOR STEEL Co., Ltd.	500,645	2,085	-	-	28,782	506
POSCO ICT(*4)	1,266	4,992	-	159,334	32,213	134,074
eNtoB Corporation	11	-	236,803	37,730	69	15,298
POSCO CHEMICAL CO., LTD	216,689	26,579	341,790	7,836	223,159	2,799
POSCO ENERGY CO., LTD.	4,184	1,426	6,992	-	-	20,512
POSCO SPS	570,632	-	-	-	32,355	635
POSCO INTERNATIONAL Corporation	6,962,982	54,331	867,793	-	541	5,241
POSCO Thainox Public Company Limited	228,192	-	-	-	-	20
POSCO Canada Ltd.	-	796	148,558	-	-	-
POSCO Asia Co., Ltd.	19,142	50	417	-	-	1,539
Qingdao Pohang Stainless Steel Co., Ltd.	131,173	-	-	-	-	-
POSCO JAPAN Co., Ltd.	1,130,531	1	20,315	287	-	2,959
POSCO-VIETNAM Co., Ltd.	307,224	339	-	-	-	27
POSCO MEXICO S.A. DE C.V.	320,811	111	-	-	-	506
POSCO Maharashtra Steel Private Limited	646,802	259	-	-	-	132
POSCO(Suzhou) Automotive Processing Center Co., Ltd.	118,655	-	-	-	-	-
POSCO VST CO., LTD.	152,119	-	-	-	-	20
POSCO INTERNATIONAL SINGAPORE PTE LTD.	-	853	1,212,212	-	-	-
POSCO ASSAN TST STEEL INDUSTRY	194,535	183	8	-	-	10
Others	1,017,908	53,865	157,818	42,778	193,551	95,205
	12,527,816	156,964	2,992,706	534,957	510,779	305,914
Associates and joint ventures(*3)						
SNNC	50,311	2,342	519,658	-	-	107
POSCO-SAMSUNG-Slovakia Processing Center	54,594	-	-	-	-	-
Roy Hill Holdings Pty Ltd	-	383,689	1,630,448	-	-	-
Others	32,442	25,239	76,194			33,194
	137,347	411,270	2,226,300		<u> </u>	33,301
ł	₩ 12,665,163	568,234	5,219,006	534,957	510,779	339,215

- (\*1) Sales and others mainly consist of sales of steel products to subsidiaries, associates and joint ventures.
- (\*2) Purchases and others mainly consist of subsidiaries' purchases of construction services and purchases of raw materials to manufacture steel products.
- (\*3) As of September 30, 2021, the Company provided guarantees to related parties (Note 35).
- (\*4) Others (purchase) mainly consist of service fees related to maintenance and repair of ERP System.

#### 2) For the nine-month period ended September 30, 2020

(in millions of Won)	Sales and	l others	Purchase and others				
	Sales	Others	Purchase of material	Purchase of fixed assets	Outsourced processing cost	Others	
Subsidiaries							
POSCO ENGINEERING & CONSTRUCTION CO., LTD. ¥	₩ 5,168	11,107	15	543,484	60	17,773	
POSCO COATED & COLOR STEEL Co., Ltd.	309,338	1,819	-	-	21,466	249	
POSCO ICT	2,088	4,992	-	248,039	30,951	131,887	
eNtoB Corporation	11	60	160,906	24,852	55	17,884	
POSCO CHEMICAL CO., LTD	200,730	29,911	342,948	16,219	226,595	4,551	
POSCO ENERGY CO., LTD.	2,196	2,117	12,374	3	-	16,709	
POSCO SPS	258,464	-	-	-	20,994	715	
POSCO INTERNATIONAL Corporation	4,246,418	55,558	233,450	-	11,371	3,293	
POSCO Thainox Public Company Limited	226,231	137	3,454	-	-	-	
POSCO Canada Ltd.	-	978	129,666	-	-	-	
POSCO Asia Co., Ltd.	1,161,489	1,002	114,796	3,229	1,174	2,765	
Qingdao Pohang Stainless Steel Co., Ltd.	105,037	66	-	-	-	196	
POSCO JAPAN Co., Ltd.	776,819	-	29,582	4,947	-	2,428	
POSCO-VIETNAM CO., Ltd.	182,844	239	-	-	-	59	
POSCO MEXICO S.A. DE C.V.	107,763	158	-	-	-	304	
POSCO Maharashtra Steel Private Limited	210,679	1,543	-	-	-	282	
POSCO(Suzhou) Automotive Processing Center Co., Ltd.	82,663	-	-	-	-	-	
POSCO VST CO., LTD.	163,085	204	-	-	-	123	
POSCO INTERNATIONAL SINGAPORE PTE LTD.	-	1,039	395,961	-	-	-	
POSCO ASSAN TST STEEL INDUSTRY	180,043	213	2,314	-	-	18	
Others	595,485	20,180	53,327	33,263	176,502	91,337	
	8,816,551	131,323	1,478,793	874,036	489,168	290,573	
Associates and joint ventures							
SNNC	4.333	4,103	372.068	-		-	
POSCO-SAMSUNG-Slovakia Processing Center	29,429	-	-	-	-	-	
Roy Hill Holdings Pty Ltd	-	39,112	940,725	-	-	-	
Others	25,714	61,990	47,704	84,839	4,086	36,145	
	59,476	105,205	1,360,497	84,839	4,086	36,145	

(b) Significant transactions between the controlling company and related companies for the three-month periods ended September 30, 2021 and 2020 were as follows:

#### 1) For the three-month period ended September 30, 2021

(in millions of Won)	_	Sales and	d others	Purchase and others			
	_	Sales	Others	Purchase of material	Purchase of fixed assets	Outsourced processing cost	Others
Subsidiaries							
POSCO ENGINEERING & CONSTRUCTION CO.,LTD.	₩	1.519	12	-	84,257	40	12.950
POSCO COATED & COLOR STEEL Co., Ltd.		209,472	-	-	-	11,436	75
POSCO ICT		429	-	-	65,204	11,385	43,657
eNtoB Corporation		4	-	100,009	16,123	48	5,695
POSCO CHEMICAL CO., LTD		87,944	5,133	115,469	2,281	75,739	503
POSCO ENERGY CO., LTD.		970	460	3,454	-	-	9,313
POSCO SPS		232,942	-	-	-	10,950	196
POSCO INTERNATIONAL Corporation		2,740,847	-	443,365	-	-	2,402
POSCO Thainox Public Company Limited		78,008	-	-	-	-	-
POSCO Canada Ltd.		-	115	66,813	-	-	-
POSCO Asia Co., Ltd.		5	18	-	-	-	834
Qingdao Pohang Stainless Steel Co., Ltd.		49,771	-	-	-	-	-
POSCO JAPAN Co., Ltd.		408,035	-	5,993	-	-	1,915
POSCO-VIETNAM Co., Ltd.		119,680	-	-	-	-	27
POSCO MEXICO S.A. DE C.V.		123,634	40	-	-	-	420
POSCO Maharashtra Steel Private Limited		268,945	79	-	-	-	31
POSCO(Suzhou) Automotive Processing Center Co., Ltd.		52,008	-	-	-	-	-
POSCO VST CO., LTD.		55,872	-	-	-	-	12
POSCO INTERNATIONAL SINGAPORE PTE LTD.		-	-	465,531	-	-	-
POSCO ASSAN TST STEEL INDUSTRY		73,591	73	-	-	-	-
Others	-	359,051	1,275	97,692	17,567	71,322	41,583
	-	4,862,727	7,205	1,298,326	185,432	180,920	119,613
Associates and joint ventures							
SNNC		30,259	-	224,001	-	-	54
POSCO-SAMSUNG-Slovakia Processing Center		23,401	-	-	-	-	-
Roy Hill Holdings Pty Ltd		-	127,551	589,980	-	-	-
Others	-	10,102	1,664	29,022			13,361
	_	63,762	129,215	843,003			13,415
	₩	4,926,489	136,420	2,141,329	185,432	180,920	133,028

#### 2) For the three-month period ended September 30, 2020

(in millions of Won)	Sales and	others		Purchase and others				
	Sales	Others	Purchase of material	Purchase of fixed assets	Outsourced processing cost	Others		
Subsidiaries								
POSCO ENGINEERING & CONSTRUCTION CO.,LTD. ₩	4 1,620	11	-	101,179	-	4,938		
POSCO COATED & COLOR STEEL Co., Ltd.	103,572	124	-	-	6,290	41		
POSCO ICT	659	1	-	63,729	10,010	44,219		
eNtoB Corporation	4	-	47,528	6,004	27	5,391		
POSCO CHEMICAL CO., LTD	56,264	5,141	113,227	3,389	72,171	189		
POSCO ENERGY CO., LTD.	643	901	2,379	-	-	5,599		
POSCO SPS	125,566	-	-	-	10,578	293		
POSCO INTERNATIONAL Corporation	1,450,981	1,227	122,652	-	-	1,210		
POSCO Thainox Public Company Limited	119,514	-	-	-	-	-		
POSCO Canada Ltd.	-	162	38,861	-	-	-		
POSCO Asia Co., Ltd.	441,511	37	33,125	957	12	1,346		
Qingdao Pohang Stainless Steel Co., Ltd.	34,269	-	-	-	-	20		
POSCO JAPAN Co., Ltd.	227,977	-	13,162	1,988	-	1,340		
POSCO-VIETNAM Co., Ltd.	81,739	16	-	-	-	39		
POSCO MEXICO S.A. DE C.V.	39,189	59	-	-	-	-		
POSCO Maharashtra Steel Private Limited	56,925	696	-	-	-	97		
POSCO(Suzhou) Automotive Processing Center Co., Ltd.	25,018	-	-	-	-	-		
POSCO VST CO., LTD.	30,869	148	-	-	-	103		
POSCO INTERNATIONAL SINGAPORE PTE LTD.	-	235	104,312	-	-	-		
POSCO ASSAN TST STEEL INDUSTRY	59,984	-	-	-	-	-		
Others	179,113	2,209	14,535	7,683	58,361	33,709		
	3,035,417	10,967	489,781	184,929	157,449	98,534		
Associates and joint ventures								
SNNC	1.432	625	153,008	-		-		
POSCO-SAMSUNG-Slovakia Processing Center	12,275	-	-	-				
Roy Hill Holdings Pty Ltd	-	39,112	315,180	-				
Others	11,317	7,016	17,834			10,366		
	25,024	46,753	486,022			10,366		
Ŷ	3,060,441	57,720	975,803	184,929	157,449	108,900		

(c) The related account balances from significant transactions between the controlling company and related companies as of September 30, 2021 and December 31, 2020 are as follows:

#### 1) September 30, 2021

(in millions of Won)		Receivables		Payables				
	Trade accounts and notes receivable	Others	Total	Trade accounts and notes payable	Accounts payable	Others	Total	
Subsidiaries								
POSCO ENGINEERING & CONSTRUCTION CO., LTD.	4,269	4	4,273	-	38,461	314	38,775	
POSCO COATED & COLOR STEEL Co., Ltd.	110,729	-	110,729	-	6	6,246	6,252	
POSCO ICT	166	-	166	2,999	48,750	24,970	76,719	
eNtoB Corporation	-	-	-	649	24,717	-	25,366	
POSCO CHEMICAL CO., LTD	29,433	4,093	33,526	12,596	49,911	17,810	80,317	
POSCO ENERGY CO., LTD.	1,092	8	1,100	-	2,051	11,288	13,339	
POSCO SPS	127,313	-	127,313	14	1,343	4,911	6,268	
POSCO INTERNATIONAL Corporation	1,215,427	10	1,215,437	5,047	523	502	6,072	
POSCO Thainox Public Company Limited	57,404	-	57,404	-	-	-	-	
POSCO Asia Co., Ltd.	-	718	718	-	-	-	-	
Qingdao Pohang Stainless Steel Co., Ltd.	27,134	-	27,134	-	-	-	-	
POSCO MEXICO S.A. DE C.V.	151,673	791	152,464	-	-	-	-	
POSCO Maharashtra Steel Private Limited	420,910	1,606	422,516	-	-	-	-	
POSCO ASSAN TST STEEL INDUSTRY	266,356	1,478	267,834	-	-	-	-	
Others	589,136	18,938	608,074	114,754	37,832	82,586	235,172	
	3,001,042	27,646	3,028,688	136,059	203,594	148,627	488,280	
Associates and joint ventures								
SNNC	3,772	60	3,832	50,612	7	-	50,619	
Roy Hill Holdings Pty Ltd	-	127,551	127,551	413,548	-	-	413,548	
Others	665	23,585	24,250	4,998	973		5,971	
	4,437	151,196	155,633	469,158	980		470,138	
₩	3,005,479	178,842	3,184,321	605,217	204,574	148,627	958,418	

#### 2) December 31, 2020

(in millions of Won)		Receivables			Payable	s	
	Trade accounts and notes			Trade accounts and notes	Accounts		
	receivable	Others	Total	payable	payable	Others	Total
Subsidiaries							
POSCO ENGINEERING & CONSTRUCTION CO., LTD. ₩	6,010	11	6,021	-	81,608	394	82,002
POSCO COATED & COLOR STEEL Co., Ltd.	63,520	-	63,520	-	180	3,709	3,889
POSCO ICT	245	1	246	2,820	118,720	31,411	152,951
eNtoB Corporation	-	-	-	1,361	35,846	18	37,225
POSCO CHEMICAL CO., LTD	19,406	3,434	22,840	13,066	55,515	18,531	87,112
POSCO ENERGY CO., LTD.	261	122	383	-	2,995	12,508	15,503
POSCO SPS	72,009	-	72,009	-	2,352	4,175	6,527
POSCO INTERNATIONAL Corporation	534,531	-	534,531	2,713	-	-	2,713
POSCO Thainox Public Company Limited	39,920	-	39,920	-	-	-	-
POSCO Asia Co., Ltd.	239,847	898	240,745	3,958	258	-	4,216
Qingdao Pohang Stainless Steel Co., Ltd.	25,838	-	25,838	-	-	-	-
POSCO MEXICO S.A. DE C.V.	71,307	397	71,704	-	-	-	
POSCO Maharashtra Steel Private Limited	173,285	2,006	175,291	-	-	-	-
POSCO ASSAN TST STEEL INDUSTRY	258,563	1,845	260,408	-	-	-	-
Others	227,288	28,117	255,405	41,564	30,433	82,716	154,713
	1,732,030	36,831	1,768,861	65,482	327,907	153,462	546,851
Associates and jointventures							
SNNC	106	228	334	33,380	-	-	33,380
Roy Hill Holdings Pty Ltd	-	52,076	52,076	201,924	-	-	201,924
Others	818	17,882	18,700	6,704	-	-	6,704
	924	70,186	71,110	242,008	-	-	242,008
₩	1,732,954	107,017	1,839,971	307,490	327,907	153,462	788,859

- (d) Significant transactions between the Company, excluding the controlling company, and related companies for the nine-month periods ended September 30, 2021 and 2020 were as follows:
  - 1) For the nine-month period ended September 30, 2021

(in millions of Won)		Sales and	lothers	Purchase a	nd others
				Purchase of	
		Sales	Others	material	Others
Associates and joint ventures					
New Songdo International City					
Development, LLC	₩	211,118	266	-	123
SNNC		51,163	267	17,485	25,869
Noeul Green Energy Co., Ltd.		4,595	-	-	1,374
CSP - Compania Siderurgica do Pecem		4,583	-	54,667	-
Zhongyue POSCO (Qinhuangdao) Tinplate					
Industrial Co., Ltd		37,288	-	19,183	6,736
POS-SEAHSTEELWIRE(TIANJIN)CO.,Ltd		11,976	-	-	-
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		27,361	-	147	-
DMSA/AMSA		-	-	10,084	-
South-East Asia Gas Pipeline Company Ltd.		-	18,651	-	-
POSCO MITSUBISHI CARBON TECHNOLOGY		42,992	10	3,120	144
Samcheok Blue Power Co., Ltd.		178,984	206	-	-
TK CHEMICAL CORPORATION(*1)		14,906	-	2,292	-
Metropolitan Outer Ring Expressway Co., Itd		41,429	-	-	-
UITrans LRT Co., Ltd.		10,700	-	-	-
Roy Hill Holdings Pty Ltd		-	96,441	-	-
Others(*2)	_	131,155	59,421	10,746	13,674
	₩	768,250	175,262	117,724	47,920

- (\*1) TK CHEMICAL CORPORATION was excluded from the association due to the sale of its shares during the nine-month period ended September 30, 2021.
- (\*2) PT. Batutua Tembaga Raya was excluded from the association due to the sale of its shares during the nine-month period ended September 30, 2021.

#### 2) For the nine-month period ended September 30, 2020

(in millions of Won)		Sales and	others	Purchase a	nd others
	_			Purchase of	
		Sales	Others	material	Others
Associates and joint ventures					
POSCO PLANTEC Co., Ltd.	₩	2,558	-	5	-
New Songdo International City					
Development, LLC		81,806	26,451	-	107
SNNC		44,485	-	35,684	118,925
Chuncheon Energy Co., Ltd.		(2,656)	211	-	-
Noeul Green Energy Co., Ltd.		4,587	-	-	582
CSP - Compania Siderurgica do Pecem		21,943	6,883	141,883	-
Zhongyue POSCO (Qinhuangdao) Tinplate					
Industrial Co., Ltd		35,696	-	32,147	-
BX STEEL POSCO Cold Rolled Sheet Co., Ltd.		-	-	4,555	-
POS-SEAHSTEELWIRE(TIANJIN)CO.,Ltd		5,909	-	-	-
PT. Batutua Tembaga Raya		-	1,111	23,379	-
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		19,578	-	210	-
DMSA/AMSA		-	-	29,198	-
South-East Asia Gas Pipeline Company Ltd.		7	51,793	-	-
POSCO MITSUBISHI CARBON TECHNOLOGY		24,154	19,475	2,704	602
Samcheok Blue Power Co., Ltd.		153,824	-	-	-
TK CHEMICAL CORPORATION		82,834	-	23,339	-
Others		108,943	54,438	29,890	27,193
	₩	583,668	160,362	322,994	147,409

(e) Significant transactions between the Company, excluding the controlling company, and related companies for the three-month periods ended September 30, 2021 and 2020 were as follows:

#### 1) For the three-month period ended September 30, 2021

(in millions of Won)		Sales and	others	Purchase and others		
		Sales	Others	Purchase of material	Others	
Associates and joint ventures						
New Songdo International City						
Development, LLC	₩	83,074	-	-	42	
SNNC		18,143	214	2,229	10,703	
Noeul Green Energy Co., Ltd.		1,550	-	-	333	
CSP - Compania Siderurgica do Pecem		26	-	24,098	-	
Zhongyue POSCO (Qinhuangdao) Tinplate						
Industrial Co., Ltd		12,894	-	2,536	-	
POS-SEAHSTEELWIRE(TIANJIN)CO.,Ltd		4,851	-	-	-	
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		9,379	-	17	-	
DMSA/AMSA		-	-		-	
South-East Asia Gas Pipeline Company Ltd.		-	8,635	-	-	
POSCO MITSUBISHI CARBON TECHNOLOGY		19,925	3	1,070	34	
Samcheok Blue Power Co., Ltd.		71,416	206	-	-	
TK CHEMICAL CORPORATION		-	-	-	-	
Metropolitan Outer Ring Expressway Co., Itd		18,949	-	-	-	
UITrans LRT Co., Ltd.		257	-	-	-	
Roy Hill Holdings Pty Ltd		-	31,888	-	-	
Others	_	48,222	39,844	89	4,639	
	₩	288,686	80,790	30,039	15,751	

#### 2) For the three-month period ended September 30, 2020

(in millions of Won)		Sales and	others	Purchase ar	nd others
		Sales	Others	Purchase of material	Others
Associates and joint ventures					
New Songdo International City	10/	20.040	1		01
Development, LLC	₩	29,943	I	-	61
SNNC		17,283	-	10,402	11,418
Chuncheon Energy Co., Ltd.		(2,943)	-	-	-
Noeul Green Energy Co., Ltd.		1,548	-	-	582
CSP - Compania Siderurgica do Pecem		3,632	1,958	18,515	-
Zhongyue POSCO (Qinhuangdao) Tinplate Industrial Co., Ltd		16,768	-	7,365	-
BX STEEL POSCO Cold Rolled Sheet Co., Ltd.		-	-	2,162	-
POS-SEAHSTEELWIRE(TIANJIN)CO.,Ltd		2,615	-	-	-
PT. Batutua Tembaga Raya		-	-	6,804	-
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		7,447	-	45	-
South-East Asia Gas Pipeline Company Ltd.		-	13,276	-	-
POSCO MITSUBISHI CARBON TECHNOLOGY		8,193	37	816	150
Samcheok Blue Power Co., Ltd.		63,914	-	-	-
TK CHEMICAL CORPORATION		23,082	-	4,596	-
Others		47,244	24,665	12,176	10,340
	₩	218,726	39,937	62,881	22,551

(f) The related account balances from significant transactions between the Company, excluding the controlling company, and related companies as of September 30, 2021 and December 31, 2020 are as follows:

#### 1) September 30, 2021

(in millions of Won)			Receivat	oles		Payables			
	-	Trade accounts and notes receivable	Loans	Others	Total	Trade accounts and notes payable	Others	Total	
Associates and joint ventures	-								
New Songdo International City									
Development, LLC	₩	42,759	-	18,263	61,022	-	22,070	22,070	
Chuncheon Energy Co., Ltd.		· · ·	-	· · ·	-	238		238	
Samcheok Blue Power Co., Ltd.		154,190	-	-	154,190	-	-	-	
Nickel Mining Company SAS			64,102	147	64,249	-	-	-	
CSP - Compania Siderurgica do Pecem		46	-	-	46	27,380	-	27,380	
Zhongyue POSCO (Qinhuangdao) Tinplate									
Industrial Co., Ltd		13,264	-	-	13,264	434	-	434	
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		13,542	-	-	13,542	-	38	38	
South-East Asia Gas Pipeline Company Ltd.		-	60,326	-	60,326	-	-	-	
POSCO MITSUBISHI CARBON TECHNOLOGY		7,585	-	-	7,585	1,032	2	1,034	
Metropolitan Outer Ring Expressway Co., Itd		14,454	-	-	14,454	-	-	-	
UITrans LRT Co., Ltd.		7,012	27,388	-	34,400	-	-	-	
Others	-	46,302	148,124	148,312	342,738	3,907	7,909	11,816	
	₩	299,154	299,940	166,722	765,816	32,991	30,019	63,010	

#### 2) December 31, 2020

(in millions of Won)			Receivat	oles		Payables			
		rade accounts and otes receivable	Loans	Others	Total	Trade accounts and notes receivable	Others	Total	
Associates and joint ventures									
New Songdo International City	₩								
Development, LLC	<del>\\</del>	23,866	-	20,592	44,458	-	3	3	
Chuncheon Energy Co., Ltd.		-	-	-	-	444		444	
Samcheok Blue Power Co., Ltd.		92,715	-	-	92,715	-	40,536	40,536	
Nickel Mining Company SAS		-	62,420	143	62,563	-	-	-	
CSP - Compania Siderurgica do Pecem		19,704	-		19,704			-	
Zhongyue POSCO (Qinhuangdao) Tinplate									
Industrial Co., Ltd		6,534	-		6,534	1,023	150	1,173	
PT. Batutua Tembaga Raya		-	35,355	-	35,355	-	-	-	
POSCO SeAH Steel Wire(Nantong) Co., Ltd.		13,889	-		13,889	193		193	
South-East Asia Gas Pipeline Company Ltd.			91,003		91,003			-	
POSCO MITSUBISHI CARBON TECHNOLOGY		2,799	-	-	2,799	783	-	783	
TK CHEMICAL CORPORATION		21,916	-	-	21,916	429	-	429	
Others		78,752	166,572	111,083	356,407	7,035	11,446	18,481	
	₩	260,175	355,350	131,818	747,343	9,907	52,135	62,042	

(g) Significant financial transactions between the Company, excluding the controlling company, and related companies for the nine-month period ended September 30, 2021 and the year ended December 31, 2020 were as follows:

#### 1) September 30, 2021

(in millions of Won)	_	Beginning	Lend	Collect	Others(*1)	Ending
Associates and joint ventures						
UITrans LRT Co., Ltd.	₩	23,452	3,963	-	(27)	27,388
South-East Asia Gas Pipeline Company Ltd.		91,003	-	(34,616)	3,939	60,326
PT. Batutua Tembaga Raya(*2)		35,355	-	(9,722)	(25,633)	-
PT. Tanggamus Electric Power		4,304	-	-	384	4,688
PT. Wampu Electric Power		5,186	-	-	462	5,648
PT. POSMI Steel Indonesia		2,176	-	-	194	2,370
Nickel Mining Company SAS		62,420	-	-	1,682	64,102
KRAKATAU POS-CHEM DONG-SUH CHEMICAL		5,440	-	-	(700)	4,740
POS-SeaAH Steel Wire (Thailand) Co., Ltd.		6,528	-	-	581	7,109
AMCI (WA) PTY LTD		83,291	3,380	-	1,339	88,010
POS-AUSTEM YANTAI AUTOMOTIVE CO., LTD		5,440	-	-	485	5,925
POS-AUSTEM WUHAN AUTOMOTIVE CO., LTD		8,704	-	-	775	9,479
Hyo-chun Co., Ltd.		2,382	-	-	-	2,382
POS-AUSTEM Suzhou Automotive Co., Ltd		16,320	-	-	1,453	17,773
CAML RESOURCES PTY LTD		3,312	-	(3,312)	-	-
Shinahn Wind Power Generation(*3)		37	60	-	(97)	-
	₩_	355,350	7,403	(47,650)	(15,163)	299,940

(\*1) Includes adjustments of foreign currency translation differences and others.

(\*2) PT. Batutua Tembaga Raya was excluded from the association due to the sale of its shares during the nine-month period ended September 30, 2021. Meanwhile, the uncollected loan was offset and written off from the loan loss provisions set in the previous period, and these effects are included in Others.

(\*3) Shinahn Wind Power Generation was excluded from the association due to the sale of its shares during the nine-month period ended September 30, 2021.

#### 2) December 31, 2020

(in millions of Won)		Beginning	Lend	Collect	Others(*2)	Ending
Associates and jointventures						
UITrans LRT Co., Ltd.	₩	10,579	12,873	-	-	23,452
DMSA/AMSA(*1)		57,999	-	-	(57,999)	-
South-East Asia Gas Pipeline Company Ltd.		147,367	-	(47,539)	(8,825)	91,003
PT. Batutua Tembaga Raya		36,291	-	-	(936)	35,355
PT. Tanggamus Electric Power		4,580	-	-	(276)	4,304
PT. Wampu Electric Power		5,519	-	-	(333)	5,186
PT. POSMI Steel Indonesia		2,316	-	-	(140)	2,176
Nickel Mining Company SAS		60,516	-	-	1,904	62,420
KRAKATAU POS-CHEM DONG-SUH CHEMICAL		6,947	-	(1,239)	(268)	5,440
POS-SeAH Steel Wire (Thailand) Co., Ltd.		6,947	-	-	(419)	6,528
AMCI (WA) PTY LTD		78,553	5,550	-	(812)	83,291
POS-AUSTEM YANTAI AUTOMOTIVE CO., LTD		5,789	-	-	(349)	5,440
POS-AUSTEM WUHAN AUTOMOTIVE CO., LTD		9,262	-	-	(558)	8,704
Hyo-chun Co., Ltd.		2,382	-	-	-	2,382
Chun-cheon Energy Co., Ltd.		8,234	-	(8,234)	-	-
POS-AUSTEM Suzhou Automotive Co., Ltd		5,789	11,805	-	(1,274)	16,320
CAML RESOURCES PTY LTD		-	3,219	-	93	3,312
Shinahn Wind Power Generation		-	37	-	-	37
	₩	449,070	33,484	(57,012)	(70,192)	355,350

- (\*1) During the year ended September 30, 2020, loans amounting to W60,278 million have been converted to common shares of DMSA/AMSA, which is presented in others.
- (\*2) Includes adjustments of foreign currency translation differences and others.
- (h) For the nine-month periods ended September 30, 2021 and 2020, details of compensation to key management officers were as follows:

(in millions of Won)	Se	eptember 30, 2021	September 30, 2020
Short-term benefits	$\overline{\mathcal{W}}$	81,055	80,244
Long-term benefits		13,680	11,936
Retirement benefits		16,711	11,031
	₩	111,446	103,211

Key management officers include directors (including non-standing directors), executive officials and fellow officials who have significant influences and responsibilities in the Company's business and operations.

# **35. Commitments and Contingencies**

(a) Details of guarantees

Contingent liabilities on outstanding guarantees provided by the Company as of September 30, 2021 are as follows:

(in millions of Won)				Guarantee		Guarantee amount		
Guarantor	Guarantee beneficiary	Financial institution	Fo	preign currency	Won equivalent	Foreign currency	Won equivalent	
[The Company] POSCO	POSCO Asia Co., Ltd.	Credit Agricole and others	USD	100 000 000	118 490	100 000 000	118 490	
POSCO	POSCO Asia Co., Ltd. POSCO-VIETNAM Co., Ltd.	SMBC and others	USD	156,000,000	184,844	140,000,000	165,886	
	POSCO MEXICO S.A. DE C.V.	BOA and others	USD	120,000,000	142.188	120,000,000	142.188	
	POSCO COATED STEEL (THAILAND) CO., LTD.	SMBC and others	THB	5,501,000,000	192,040	5,021,000,000	175,283	
	POSCO Maharashtra Steel Private Limited	SMBC and others	USD	139,784,000	165,630	139,784,000	165,630	
	PT. KRAKATAU POSCO	BTPN and others	USD	1.960.300.000	2.322.759	1.132.366.261	1,341,741	
	POSCO ASSAN TST STEEL INDUSTRY	SOCIETE GENERALE and others	USD	146,527,500	173,620	131,874,750	156,258	
POSCO INTERNATIONAL Corporation	POSCO INTERNATIONAL GLOBAL DEVELOPMENT PTE, LTD.	Export-Import Bank of Korea and others	USD	180,000,000	213,282	180,000,000	213,282	
	POSCO INTERNATIONAL POWER (PNGLAE)	KDB bank	USD	53,517,000	63,412	37,917,000	44,928	
	GOLDEN LACE POSCO INTERNATIONAL CO., LTD.	Shinhan Bank and others	USD	11,000,000	13.034	11,000,000	13,034	
	PT. Bio Inti Agrindo	BTPN and others		2,057,400,000,000	170,558	1,940,600,000,000	160,876	
		POSCO Asia Co., Ltd.	USD	10,000,000	11,849	10,000,000	11,849	
	POSCO ASSAN TST STEEL INDUSTRY	ING	USD	14,652,750	17,362	14,652,750	17,362	
	POSCO INTERNATIONAL Deutschland GmbH POSCO INTERNATIONAL AMERICA Corp.					9,268,255	10,982	
	POSCO INTERNATIONAL JAPAN Corp.					8,771,562	10,393	
	POSCO INTERNATIONAL SINGAPORE Pte. Ltd.	Bank Mendes Gans	USD	50,000,000	59,245			
	POSCO INTERNATIONAL Malaysia SDN BHD					-	-	
	POSCO INTERNATIONAL Italia S.R.L.							
	POSCO INTERNATIONAL MEXICO S.A. de C.V.							
	GRAIN TERMINAL HOLDING PTE. LTD.	Export-Import Bank of	USD	27,000,000	31,992	27,000,000	31,992	
		Korea and others						
20000 51011552110	Songdo Posco family Housing	Shinyoung securities	KRW	10,000	10,000	2,550	2,550	
POSCO ENGINEERING & CONSTRUCTION CO., LTD.	POSCO E&C Vietnam Co., Ltd.	POSCO Asia Co., Ltd. and others	USD	36,000,000	42,656	36,000,000	42,656	
& CONSTRUCTION CO., LTD.	Consulta Dessas facella Unavian	China and the	KRW	10.000	10.000	2.550	2.550	
	Songdo Posco family Housing JB CLARK HILLS	Shinyoung securities HSBC and others	USD	51,000,000	10,000 60,430	37,800,000	44,789	
	JB CLARK HILLS	Habe and others	030	51,000,000	00,430	37,800,000	44,703	
	PT.POSCO E&C INDONESIA	DOCCO Asia Callant	USD	05 000 000	20.000	05 000 000	00.000	
POSCO ICT	PT.POSCO E&C INDONESIA PT.POSCO ICT INDONESIA	POSCO Asia Co., Ltd. POSCO Asia Co., Ltd.	USD	25,900,000 1,500,000	30,689 1,777	25,900,000 900,000	30,689 1,066	
POSCO CHEMICAL CO., LTD	PT.Frakatau Posco Chemical Calcination	POSCO Asia Co., Ltd. POSCO Asia Co., Ltd.	USD	15,200,000	1,777	7,000,000	8,294	
POSCO COATED & COLOR STEEL Co., Ltd.	Myanmar POSCO C&C Company, Limited.	POSCO Asia Co., Ltd.	USD	13.986.947	16,573	13.986.947	16,573	
POSCO ENERGY CO., LTD	PT. KRAKATAU POSCO ENERGY	POSCO Asia Co., Ltd. POSCO Asia Co., Ltd.	USD	82,953,123	98,291	82,953,123	98,291	
		1 0000 / 6/8 00., 20.	005	01,000,120	00,201	02,000,120	00,201	
[Associates and joint ventures] POSCO	CSP - Compania Siderurgica do Pecem	Export-Import Bank of Korea	USD	420,000,000	497,658	366,440,809	434,196	
F0300	CSF - Compania Siderdigica do Feceni	and others	030	420,000,000	497,000	300,440,803	434,190	
		BNDES	BBI	464,060,000	101,532	464,060,000	101,532	
	LLP POSUK Titanium	SMBC	USD	13,500,000	15,996	13,500,000	15,996	
	Nickel Mining Company SAS	SMBC	EUR	46,000,000	63,218	46,000,000	63.218	
POSCO INTERNATIONAL Corporation	GLOBAL KOMSCO Daewoo LLC	Hana Bank	USD	8,225,000	9,746	7,350,000	8,709	
POSCO ENGINEERING	New Songdo International City Development, LLC	Others	KRW	686,000	686,000	548,000	548,000	
& CONSTRUCTION CO., LTD.	POHANG E&E Coi., LTD	Heungkuk Life Insurance Co., Ltd.	KRW	71,930	71,930	56,034	56,034	
	UlTrans LRT Co., Ltd.	Kookmin Bank and others	KRW	125,845	125,845	93,620	93,620	
	RPSD	Plan-up Sinsajeilcha Co., Ltd	KRW	45.000	45.000	37,000	37,000	
	Metropolitan Outer Ring Expressway Co., Itd	Woori Bank and others	KRW	276,033	276,033	27,776	27,776	
	Pureun Tongyeong Enviro Co., Ltd.	KDB Bank and others	KRW	22,714	22,714	14,318	14,318	
	Pure Gimpo.Co.,Ltd	KDB Bank and others	KRW	44,740	44,740	29,627	29,627	
	Clean Iksan Co., Ltd	SAMSUNG FIRE & MARINE	KRW	44,054	44,054	29,058	29,058	
		INSURANCE CO., LTD						
		and others						
	Chun-cheon Energy Co., Ltd.	Kookmin Bank and others	KRW	149,200	149,200	145,900	145,900	
	Western Inland Highway Co.,LTD	Kookmin Bank and others	KRW	672,496	672,496	8,820	8,820	
POSCO ICT	UITrans LRT Co., Ltd.	Kookmin Bank	KRW	50,249	50,249	37,209	37,209	
	Metropolitan Outer Ring Expressway Co., Ltd	Woori Bank	KRW	24,920	24,920	1,308	1,308	
	Western Inland Highway Co.,LTD	Kookmin Bank	KRW	47,348	47,348	600	600	
[Others]								
POSCO INTERNATIONAL Corporation	SHERRITT INTERNATIONAL CORP.	Export-Import Bank of Korea	USD	21,818,182	25,852	2,587,818	3,066	
POSCO ENGINEERING	Incheon - Gimpo Expressway Co., Ltd. and others	Kookmin Bank and others	KRW	5,121,668	5,121,668	2,451,776	2,451,776	
& CONSTRUCTION CO., LTD.								
POSCO ICT	BTL Enterprise and others	Hana Bank and others	KRW	236,547	236,547	135,965	135,965	
POSCO AUSTRALIA PTY LTD	Department of Trade and	Woori Bank and others	AUD	14,665,087	12,470	14,665,087	12,470	
	Investment (NSW Government) and others							
PT. Bio Inti Agrindo	KSU Mandob	Bank Muamalat	IDR	80,000,000,000	6,632	80,000,000,000	6,632	
POSCO Maharashtra Steel Private Limited	MAHARASHTRA STATE ELECTRICITY and others	HSBC and others	INR	441,618,747	7,044	441,618,747	7,044	
			USD	3,658,864,502	4,335,385	2,657,053,275	3,148,340	
			KRW	7,638,744	7,638,744	3,622,111	3,622,111	
			IDR	2,137,400,000,000	177,190	2,020,600,000,000	167,508	
			INR	441,618,747	7,044	441,618,747	7,044	
			THB	5,501,000,000	192,040	5,021,000,000	175,283	
			EUR	46,000,000	63,218	46,000,000	63,218	

## (b) Other commitments

Details of other commitments of the Company as of September 30, 2021 are as follows:

Company	Description				
POSCO	POSCO entered into long-term contracts to purchase iron ore, coal, nickel and others. The contracts of iron ore and coal generally have terms of more than three years and the contracts of nickel have terms of more than one year. These contracts provide for periodic price adjustments based on the market price. As of September 30, 2021, 41 million tons of iron ore and 6 million tons of coal remained to be purchased under such long-term contracts.				
	POSCO entered into an agreement with Tangguh Liquefied Natural Gas (LNG) Consortium in Indonesia to purchase 550 thousand tons of LNG annually for 20 years commencing in August 2005. The purchase price is subject to change, based on changes of the monthly standard oil price (JCC) and with a price ceiling.				
	POSCO has a long-term service contract for the transportation of raw material. As of September 30, 2021, there are 38 vessels under contract, and the average remaining contract period is about 9 years.				
	As of September 30, 2021, POSCO entered into a commitment with KOREA ENERGY AGENCY for long- term foreign currency borrowings, which are limited up to the amount of USD 4.12 million. The borrowing is related to the exploration of gas hydrates in Western Fergana-Chinabad. The repayment of the borrowings depends on the success of the projects. POSCO is not liable for the repayment of full or part of the amount borrowed if the respective projects fail. POSCO has agreed to pay a certain portion of its profits under certain conditions, as defined by the borrowing agreements. As of September 30, 2021, the ending balance of the borrowing amounts to USD 1.02 million.				
	POSCO has provided a supplemental funding agreement, as the largest shareholder, as requested from the creditors, including Norddeutsche Landesbank, for seamless funding to POSCO ENERGY Co., Ltd., a subsidiary of the Company, under construction of new power plant.				
	POSCO has deposited 2,932,480 treasury shares for exchange with the Korea Securities Depository in relation to foreign currency exchangeable bonds as of September 30, 2021.				
POSCO INTERNATIONAL Corporation	POSCO INTERNATIONAL Corporation operates a ship-to-ship business in which ships are chartered from ship's owners and leased out to shippers. The Company has entered into a ship purchase agreement with the ship owners and the shippers, which obliges the shippers to pay the agreed amount either at the end of the contract terms or at the agreed termination and to take over the ownership of the vessel from the ship owners. Only if the shipper fails to fulfill its obligation including payment obligation for the purchase of the vessel, the Company is obliged to take over the ship based on the condition that the shipper's contractual obligations and rights are transferred to the Company. As of September 30, 2021, the amount which is exposed to the ship purchase agreements entered into is USD 170 million.				
	The Company invested in the Ambatovy Nickel Project (DMSA/AMSA) in Madagascar through the Korea Ambatovy Consortium (KAC) formed with Korea Mineral Resources Corporation (KORES) and STX Corporation. SHERRITT INTERNATIONAL CORP., the operator, transferred a portion of the project's interests to Sumitomo and AHL (Ambatovy Holdings Limited) in November 2017, and transferred the remaining interests of the project to Sumitomo and AHL2 (Ambatovy Holdins II Limited) in August 2020. KAC has the rights and obligations to the 15.47% stake held by AHL and AHL2.				
POSCO ENGINEERING & CONSTRUCTION CO., LTD.	As of September 30, 2021, POSCO ENGINEERING & CONSTRUCTION CO., LTD. has foreign currency guarantees of up to USD 2,354 million provided by financial institutions and uses USD 826 million with Woori Bank and others.				
	As of September 30, 2021, according to the project agreements related to redevelopment and reconstruction projects, the Company has an agreement to compensate the Korea Housing and Urban Guarantee Corporation for damages of principal and interest amounting to $\$1,294,108$ million (limited to $\$2,505,609$ million). Futhermore, the Company provides agreements of construction completion (compensation for non-performance) in connection with a number of implementation and union business projects.				
POSCO ICT	As of September 30, 2021, in relation to contract enforcement, POSCO ICT is provided with a guarantee of $\$140,434$ million, $\$23,653$ million from Software credit union and Seoul guarantee insurance, respectively.				

(c) Litigation in progress

1) Request for Arbitration of NSC Investment and TGC

In March 2019, NSC Investment and TGC ("Applicant"), a former joint venture partner of POSCO ENGINEERING & CONSTRUCTION CO., LTD., in connection with the Songdo International City Development Project in Incheon, filed an arbitration (mediation price: approximately USD 2 billion) for alleged violations of contract by POSCO ENGINEERING & CONSTRUCTION CO., LTD. As of September 30, 2021, the Company has determined that the applicant's claim is without merit, and did not recognize a provision.

2) Other litigation

The Company is involved in 316 lawsuits aggregating to W1,388.1 billion as defendant as of September 30, 2021, which arise from the ordinary course of business such as claim for confirmation of employee status. The Company has recognized provisions amounting to W69.4 billion for 70 lawsuits based on its reliable estimate of outflow of resources. However, the Company has not recognized any provisions for the other lawsuits and claims since the Company believes that it does not have a present obligation as of September 30, 2021.

#### (d) Other contingencies

Company	Description
POSCO	POSCO has provided 3 blank checks to Korea Energy Agency as collateral for long-term foreign currency borrowings.
POSCO INTERNATIONAL Corporation	As of September 30, 2021, POSCO INTERNATIONAL Corporation has provided 30 blank promissory notes and 17 blank checks to Korea Energy Agency and others as collateral for the guarantee on performance for contracts and others.
POSCO ENGINEERING & CONSTRUCTION CO., LTD.	As of September 30, 2021, POSCO ENGINEERING & CONSTRUCTION CO., LTD. has provided 35 blank checks and 4 blank promissory notes as collateral for agreements and outstanding loans, and has provided joint guarantee of \W 8,766,977 million for guarantee that partners had issued from Korea Housing & Urban Guarantee Corporation and others.
POSCO ICT	As of September 30, 2021, POSCO ICT has provided 6 blank checks to financial institutions as collateral for the guarantee on performance for contracts and others.

## 36. Cash Flows from Operating Activities

Changes in operating assets and liabilities for the nine-month periods ended September 30, 2021 and 2020 were as follows:

(in millions of Won)		September 30, 2021	September 30, 2020
Trade accounts and notes receivable	₩	(2,028,833)	119,743
Other receivables		(156,811)	203,637
Inventories		(4,537,739)	2,026,615
Other current assets		(110,904)	(74,404)
Other non-current assets		(161,327)	(74,021)
Trade accounts and notes payable		1,130,509	(145,465)
Other payables		(157,128)	(119,043)
Other current liabilities		317,055	342,705
Provisions		(137,676)	(174,100)
Payments of severance benefits		(194,468)	(174,151)
Plan assets		152,224	76,381
Other non-current liabilities		30,558	15,443
	₩	(5,854,540)	2,023,340

## **37. Operating Segments**

The Company's operating businesses are organized based on the nature of markets and customers. The Company has four reportable operating segments - steel, construction, trading and others. The steel segment includes production of steel products and revenue of such products. The construction segment includes planning, designing and construction of industrial plants, civil engineering projects and commercial and residential buildings, both in Korea and overseas. The trading segment consists of exporting and importing a wide range of steel products and raw materials that are both obtained from and supplied to POSCO, as well as between other suppliers and purchasers in Korea and overseas. Other segments include power generation, network and system integration and logistics. The policies of classification and measurement on operating segments were the same as those that applied to the consolidated financial statements as of and for the year ended December 31, 2020.

Segment assets, liabilities and profit (loss) are generally measured based on separate financial statements in accordance with K-IFRS of the subsidiaries that constitute reportable operating segments.

(a) Information about reportable segments for the nine-month periods ended September 30, 2021 and 2020 were as follows:

#### 1) For the nine-month period ended September 30, 2021

(in millions of Won)		Steel	Trading	Construction	Others	Total
External revenues	₩	29,374,822	18,326,546	4,555,585	2,741,119	54,998,072
Internal revenues		16,147,310	14,766,211	656,448	2,049,280	33,619,249
Inter segment revenue		10,676,368	7,763,264	600,888	1,911,292	20,951,812
Total revenues		45,522,132	33,092,757	5,212,033	4,790,399	88,617,321
Segment profits		5,290,635	276,691	167,109	260,078	5,994,513

## 2) For the nine-month period ended September 30, 2020

(in millions of Won)		Steel	Trading	Construction	Others	Total
External revenues	₩	20,915,217	14,520,691	4,917,113	2,175,564	42,528,585
Internal revenues		11,295,551	9,410,203	711,221	1,932,408	23,349,383
Inter segment revenue		7,902,278	4,575,959	658,178	1,818,184	14,954,599
Total revenues		32,210,768	23,930,894	5,628,334	4,107,972	65,877,968
Segment profits		341,083	207,849	272,740	308,403	1,130,075

(b) Reconciliations of total segment profit or loss, to their respective consolidated financial statement line items for the nine-month periods ended September 30, 2021 and 2020 were as follows:

(in millions of Won)		September 30, 2021	September 30, 2020
Total profit for reportable segments	₩	5,994,513	1,130,075
Corporate fair value adjustments		(45,430)	(56,976)
Elimination of inter-segment profits		(375,513)	(19,527)
Income tax expense		1,743,241	453,134
Profit before income tax expense	₩	7,316,811	1,506,706

## 38. Events after the Reporting Period

Pursuant to the resolution of the Board of Directors on November 5, 2021, the Company decided to pay interim cash dividends of ₩5,000 per common share (total dividend: ₩378.1 billion).