LG Electronics Inc.

Condensed Separate Interim Financial Statements September 30, 2023 and 2022

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Report on Review of Condensed Separate interim Financial Statements

(English Translation of a Report Originally Issued in Korean)

To the Shareholders and Board of Directors of LG Electronics Inc.

Reviewed Financial Statements

We have reviewed the accompanying condensed separate interim financial statements of LG Electronics Inc. (referred to as the "Company"). These condensed separate interim financial statements consist of the separate interim statement of financial position of the Company as of September 30, 2023, and the related separate interim statements of profit or loss, comprehensive income for the three-month and nine-month periods ended September 30, 2023 and 2022, and the related separate interim statements of changes in equity and cash flows for the nine-month periods ended September 30, 2023 and 2022, and material accounting policy information and other selected explanatory notes, expressed in Korean won.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

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

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

Conclusion

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

Other Matters

We have audited the separate statement of financial position of the Company as of December 31, 2022, and the related separate statements of profit or loss, comprehensive income, changes in equity and cash flows for the year then ended, not presented herein, in accordance with Korean Standards on Auditing. We expressed an unqualified opinion on those financial statements, in our audit report dated March 17, 2023. The separate statement of financial position as of December 31, 2022, presented herein for comparative purposes, is consistent, in all material respects, with the above audited statement of financial position as of December 31, 2022.

Review standards and their application in practice vary among countries. The procedures and practices used in the Republic of Korea to review such financial statements may differ from those generally accepted and applied in other countries.

November 14, 2023 Seoul, Korea

This report is effective as of November 14, 2023, the review report date. Certain subsequent events or circumstances, which may occur between the review report date and the time of reading this report, could have a material impact on the accompanying condensed separate interim financial statements and notes thereto. Accordingly, the readers of the review report should understand that there is a possibility that the above review report may have to be revised to reflect the impact of such subsequent events or circumstances, if any.

LG Electronics Inc. Separate Interim Statements of Financial Position September 30, 2023 and December 31, 2022

Assets Urrent assets Cash and cash equivalents 4.31 2.640.099 1.941.615 Depriots help by financial institutions 4.31 1.40.000 1.70.969 Other receivables 4.5.31 5.570.018 3.871.617 Other receivables 4.5.31 3.24.939 4455.175 Other financial essets 7 1.64.61.235 1.52.3.227 Current assets 7 1.63.64 2.0.22 Contract assets 6589.139 683.543 40.444 Other receivables 4.5.31 1.17.69.029 9.119.623 Non-current assets 6589.139 683.543 1.96.02 1.96.23 Other receivables 4.5.31 1.17.69.63 1.63.543 1.96.92 1.60.07.599 Intangible assets 9 1.92.52.52 6.0.75.99 1.14.90.211 1.99.542 1.75.72 Investment properties 1.3 3.65.93 3.74.28 3.14.90.21 1.75.72 Investment properties 1.3 1.60.0 86.792 1.75.72 7.75.72	(in millions of Korean won)	Notes	September 30, 2023 (Unaudited)	December 31, 2022
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Lease liabilities 4,12,31 35,150 65,979 Other payables 4,31 1,779,913 2,055,049 Other financial liabilities 4,6,31 6,059 6,581 Current tax liabilities 14,515 14,515 14,515 Provisions 14 560,590 1,061,515 Contract liabilities 8 616,715 497,668 Other current liabilities 13,317,976 12,060,574 Non-current liabilities 4,12,31 7,397,016 6,472,122 Lease liabilities 4,12,31 11,722 7,723 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,353 4,695 Other non-current liabilities 11 7,799,724 6,763,211 Total liabilities 15 5 4,695 Other non-current liabilities 15 904,169 904,169				
Other payables 4,31 1,779,913 2,055,049 Other financial liabilities 4,6,31 6,059 6,581 Current tax liabilities 14,515 14,515 14,515 Provisions 14 560,590 1,061,515 Contract liabilities 8 616,715 497,668 Other current liabilities 2,142,869 1,857,183 Borrowings 4,11,31 7,397,016 6,472,122 Lease liabilities 4,31 11,722 7,723 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,353 4,695 Other non-current liabilities 11,378 106,328 111,378 106,328 Provisions 14 184,813 85,455 111,378	•			
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Provisions 14 560,590 1,061,515 Contract liabilities 8 616,715 497,668 Other current liabilities 13,317,976 12,060,574 Non-current liabilities 13,317,976 12,060,574 Borrowings 4,11,31 7,397,016 6,472,122 Lease liabilities 4,12,31 41,876 50,530 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,353 4,695 Other non-current liabilities 11 11,378 106,328 Total liabilities 15 Share capital 904,169 904,169 Share premium 3,088,179 3,088,179 3,088,179 3,088,179 Accumulated other comprehensive income (loss) 17 37,190 <		4,6,31	6,059	6,581
Provisions 14 560,590 1,061,515 Contract liabilities 8 616,715 497,668 Other current liabilities 2,142,869 1,857,183 Non-current liabilities 13,317,976 12,060,574 Borrowings 4,11,31 7,397,016 6,472,122 Lease liabilities 4,12,31 41,876 50,530 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,353 4,695 Other non-current liabilities 8 6,353 4,695 Other non-current liabilities 11 116,328 106,328 Total liabilities 11 21,117,700 18,823,785 Equity 904,169 904,169 904,169 Share capital 15 904,169 904,169 Share premium 3,088,179 3,088,179 3,088,179 Accumulated other comprehensive i	Current tax liabilities		14,515	14,515
Contract liabilities 8 616,715 497,668 Other current liabilities 2,142,869 1,857,183 Non-current liabilities 13,317,976 12,060,574 Borrowings 4,11,31 7,397,016 6,472,122 Lease liabilities 4,12,31 41,876 50,530 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Other non-current liabilities 8 6,353 4,695 Other non-current liabilities 8 6,353 4,695 Other non-current liabilities 8 6,763,211 106,328 Total liabilities 15 904,169 904,169 Share capital 3,088,179 3,088,179 3,088,179 Share premium 3,088,179 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 <td>Provisions</td> <td>14</td> <td>560,590</td> <td>1,061,515</td>	Provisions	14	560,590	1,061,515
Non-current liabilities 13,317,976 12,060,574 Borrowings 4,11,31 7,397,016 6,472,122 Lease liabilities 4,12,31 41,876 50,530 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,353 4,695 Other non-current liabilities 8 6,763,211 106,328 7,799,724 6,763,211 21,117,700 18,823,785 Equity 904,169 904,169 904,169 Share capital 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819)	Contract liabilities	8		
Non-current liabilities 4,11,31 7,397,016 6,472,122 Lease liabilities 4,12,31 41,876 50,530 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,533 4,695 Other non-current liabilities 8 6,353 4,695 Other non-current liabilities 8 6,353 4,695 Other non-current liabilities 8 6,353 4,695 Other non-current liabilities 111,378 106,328 Total liabilities 21,117,700 18,823,785 Equity 21,117,700 18,823,785 Paid-in capital: 15 904,169 904,169 Share premium 3,088,179 3,088,179 3,088,179 Share premium 3,088,179 3,088,179 3,088,179 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other comp	Other current liabilities		2,142,869	1,857,183
Borrowings 4,11,31 7,397,016 6,472,122 Lease liabilities 4,12,31 41,876 50,530 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,353 4,695 Other non-current liabilities 111,378 106,328 Other non-current liabilities 111,378 106,328 Total liabilities 15 7,799,724 6,763,211 Total liabilities 15 904,169 904,169 Share capital 904,169 904,169 3,088,179 Share premium 3,088,179 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029 9,889,029			13,317,976	12,060,574
Lease liabilities 4,12,31 41,876 50,530 Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,353 4,695 Other non-current liabilities 8 6,353 4,695 Other non-current liabilities 111,378 106,328 7,799,724 6,763,211 106,328 7,799,724 6,763,211 111,378 Total liabilities 15 904,169 904,169 Share capital 15 904,169 904,169 Share premium 3,088,179 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029				
Other payables 4,31 11,722 7,723 Other financial liabilities 4,6,31 47,266 36,358 Provisions 14 184,113 85,455 Contract liabilities 8 6,353 4,695 Other non-current liabilities 111,378 106,328 Other non-current liabilities 111,378 106,328 Total liabilities 21,117,700 18,823,785 Equity 904,169 904,169 904,169 Share capital 904,169 904,169 904,169 Share premium 3,088,179 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029			, ,	
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Other non-current liabilities 111,378 106,328 7,799,724 6,763,211 Total liabilities 21,117,700 18,823,785 Equity 21,117,700 18,823,785 Fadi-in capital: 15 904,169 Share capital 904,169 904,169 Share premium 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029				
Total liabilities 7,799,724 6,763,211 Total liabilities 21,117,700 18,823,785 Equity Paid-in capital: 15 Share capital 904,169 904,169 Share premium 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029		8		
Total liabilities 21,117,700 18,823,785 Equity Paid-in capital: 15 904,169 904,169 Share capital 904,169 904,169 3,088,179 3,088,179 Share premium 3,088,179 3,088,179 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 37,190 38,763 Other components of equity 18 (32,819) (32,819) (32,819) Total equity 11,544,295 9,889,029 11,544,295 9,889,029	Other non-current liabilities			
Equity 15 Paid-in capital: 15 Share capital 904,169 Share premium 3,088,179 Retained earnings 16 Accumulated other comprehensive income (loss) 17 Other components of equity 18 Total equity 11,544,295	Total liabilities			
Paid-in capital: 15 Share capital 904,169 Share premium 3,088,179 Retained earnings 16 Accumulated other comprehensive income (loss) 17 Other components of equity 18 Total equity 11,544,295	Total habilities		21,117,700	10,023,703
Share capital 904,169 904,169 Share premium 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029				
Share premium 3,088,179 3,088,179 Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029		15		
Retained earnings 16 7,547,576 5,890,737 Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029				-
Accumulated other comprehensive income (loss) 17 37,190 38,763 Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029				
Other components of equity 18 (32,819) (32,819) Total equity 11,544,295 9,889,029	0			
Total equity 11,544,295 9,889,029				
		18		
Total liabilities and equity 32,661,995 28,712,814				
	Total liabilities and equity		32,661,995	28,712,814

LG Electronics Inc. Separate Interim Statements of Profit or Loss Three-Month and Nine-Month Periods Ended September 30, 2023 and 2022

(in millions of Korean won, except per share amounts)	Notes		Period Ended S	September 30	
		2023 (Un		2022 (Un	audited)
		Three Months	Nine Months	Three Months	Nine Months
Continuing operations					
Net sales	19	7,412,751	22,115,216	6,871,632	22,062,878
Cost of sales	20	5,283,466	15,945,653	5,195,207	15,727,815
Gross profit		2,129,285	6,169,563	1,676,425	6,335,063
Selling and marketing expenses Administrative expenses Research and development expenses Service costs	20,21 20,21 20,21 20,21	935,405 196,151 449,041 164,262	2,686,240 580,122 1,278,538 627,952	1,031,492 170,876 423,636 280,852	3,085,886 534,060 1,224,588 673,314
Operating profit (loss)		384,426	996,711	(230,431)	817,215
Financial income Financial expenses Other non-operating income Other non-operating expenses	22 23 24 25	162,366 187,765 637,094 324,240	525,529 656,597 2,199,689 966,594	142,814 126,284 545,670 576,929	335,614 362,530 1,726,720 1,236,797
Profit (Loss) before income tax Income tax expense (benefit)		671,881 107,043	2,098,738 339,013	(245,160) (86,616)	1,280,222 277,830
Profit (Loss) from continuing operations		564,838	1,759,725	(158,544)	1,002,392
Discontinued operations					
Profit (Loss) from discontinued operations Profit (Loss) for the period	32	<u>(131)</u> 564,707	<u> </u>	31,833 (126,711)	<u>(164,105)</u> 838,287
		004,707	1,700,110	(120,711)	000,201
Earnings (Losses) per share during the period (in Korean won):	26				
Earnings (Losses) per ordinary share From continuing operations From discontinued operations Earnings (Losses) per preferred share From continuing operations From discontinued operations		3,135 3,136 (1) 3,148 3,149 (1)	9,771 9,769 2 9,809 9,807 2	(705) (882) 177 (692) (869) 177	4,652 5,563 (911) 4,690 5,601 (911)

LG Electronics Inc. Separate Interim Statements of Comprehensive Income Three-Month and Nine-Month Periods Ended September 30, 2023 and 2022

		Period Ended September 30			
(in millions of Korean won)	Notes	2023 (Un	audited)	2022 (Un	audited)
		Three Months	Nine Months	Three Months	Nine Months
Profit (Loss) for the period		564,707	1,760,119	(126,711)	838,287
Other comprehensive income (loss), net of tax					
Items that will not be reclassified subsequently to profit or loss:					
Remeasurements of the net defined benefit liability	13	57,640	23,625	154,394	463,765
Financial assets at fair value through other comprehensive income <i>Items that will be reclassified subsequently to profit or loss:</i>	6	(3,331)	869	(4,405)	(20,023)
Cash flow hedges	31	6,576	(2,442)	16,444	81,056
Other comprehensive income(loss) for the period, net of tax		60,885	22,052	166,433	524,798
Total comprehensive income (loss) for the period, net of tax		625,592	1,782,171	39,722	1,363,085

LG Electronics Inc. Separate Interim Statements of Changes in Equity Nine-month Periods Ended September 30, 2023 and 2022

(in millions of Korean won)	Notes	Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Incmoe (loss)	Other Components of Equity	Total Equity
Balance at January 1, 2022		3,992,348	4,940,122	(9,396)	(32,819)	8,890,255
Total comprehensive income (loss):	-		, ,			
Profit (Loss) for the period		-	838,287	-	-	838,287
Remeasurements of the net defined benefit liability	13	-	463,765	-	-	463,765
Financial assets at fair value through						
other comprehensive income	6	-	-	(20,023)	-	(20,023)
Cash flow hedges	31	<u> </u>	-	81,056	<u> </u>	81,056
Total comprehensive income (loss)	-	<u> </u>	1,302,052	61,033	·	1,363,085
Transactions with owners:						
Dividends	16	-	(153,915)	-	-	(153,915)
Total transactions with owners		-	(153.915)	-		(153,915)
Balance at September 30, 2022 (Unaudited)	-	3,992,348	6,088,259	51,637	(32,819)	10,099,425
Balance at January 1, 2023		3,992,348	5,890,737	38,763	(32,819)	9,889,029
Total comprehensive income (loss):	-	-,,	-,,		(0=,0+0)	-,
Profit (Loss) for the period		-	1,760,119	-	-	1,760,119
Remeasurements of the net defined benefit liability	13	-	23,625	-	-	23,625
Financial assets at fair value through						
other comprehensive income	6	-	-	869	-	869
Cash flow hedges	31	-	-	(2,442)		(2,442)
Total comprehensive income (loss)	-	-	1,783,744	(1,573)		1,782,171
Transactions with owners:						
Dividends	16	-	(126,905)	-	-	(126,905)
Total transactions with owners	-	-	(126,905)	-		(126,905)
Balance at September 30, 2023 (Unaudited)		3,992,348	7,547,576	37,190	(32,819)	11,544,295

LG Electronics Inc. Separate Interim Statements of Cash Flows Nine-month Periods Ended September 30, 2023 and 2022

		Nine-month Period Er	nded September 30
(in millions of Korean won)	Notes	2023	2022
		(Unaudited)	(Unaudited)
Cash flows from operating activities			
Cash generated from (used in) operations	27	268,712	152,954
Interest received		76,014	19,760
Interest paid		(208,423)	(167,896)
Dividend received		1,375,449	435,143
Income tax paid		(197,043)	(198,964)
Net cash inflow (outflow) from operating activities		1,314,709	240,997
Cash flows from investing activities			
Decrease in deposits held by financial institutions		89,901	333
Decrease in other receivables		48,714	56,997
Proceeds from withdrawal and disposal of other financial assets		4,972	29,678
Proceeds from disposal of property, plant and equipment		9,073	332,277
Proceeds from disposal of intangible assets		549	123,546
Proceeds from withdrawal and disposal of investments in subsidiaries, associates and joint ventures		61,852	13,540
Proceeds from disposal of assets held for sale		-	263,441
Transfer of business		-	38,360
Increase in deposits held by financial institutions		(134,095)	-
Increase in other receivables		(1,051,801)	(54,604)
Acquisition of other financial assets		(13,621)	(62,461)
Acquisition of property, plant and equipment		(325,366)	(327,213)
Acquisition of intangible assets		(519,496)	(354,742)
Acquisition of investments in subsidiaries, associates and joint ventures		(108,943)	(90,330)
Net cash inflow (outflow) from investing activities		(1,938,261)	(31,178)
Cash flows from financing activities Proceeds from borrowings		2,516,342	1,378,836
Repayments of borrowings		(1,015,232)	(1,530,397)
Dividend paid		(126,905)	(153,915)
Repayments of lease Iliabilities		(55,549)	(61,657)
Net cash inflow (outflow) from financing activities		1,318,656	(367,133)
Effects of exchange rate changes on cash and cash equivalents		3.380	1,453
Net increase (decrease) in cash and cash equivalents		698,484	(155,861)
Cash and cash equivalents at the beginning of the period		1,941,615	2,012,229
Cash and cash equivalents at the end of the period		2,640,099	1,856,368
each and each equivalence at the end of the period		2,010,000	.,000,000

1. General Information

LG Electronics Inc. (the "Company") was spun off from LG Electronics Investment Ltd. on April 1, 2002. The Company's shares were listed on the Korea Exchange on April 22, 2002, and some of its preferred shares, in the form of global depositary receipts ("GDRs"), are listed on the London Stock Exchange at the end of the reporting period. The Company is domiciled in Korea at Yeoui-daero, Yeongdeungpo-gu, Seoul.

As of September 30, 2023, LG Corp. owns 33.7% of the Company's total shares, excluding preferred shares, while financial institutions, foreign investors and others own the rest.

The Company operates following major business segments: Home Appliance & Air Solution segment manufactures and sells refrigerators, washing machines, vacuum cleaners, and residential and commercial air conditioners; Home Entertainment segment manufactures and sells TVs and digital media products; Vehicle components Solutions segment designs and manufactures automobile parts; and Business Solutions segment manufactures and sells monitors, PCs, information displays and others. As of September 30, 2023, the Company operates manufacturing facilities mainly in Changwon, Pyeongtaek and Gumi in the Republic of Korea.

2. Material Accounting Policies

2.1 Basis of Preparation

The Company maintains its accounting records in Korean won and prepares statutory financial statements in the Korean language (Hangul) in accordance with International Financial Reporting Standards as adopted by the Republic of Korea (Korean IFRS). The accompanying separate interim financial statements have been condensed, restructured and translated into English from the Korean language financial statements.

The financial statements of the Company are the separate interim financial statements prepared in accordance with Korean IFRS 1027 *Separate Financial Statements*. The Company's condensed separate interim financial statements for the nine-month period ended September 30, 2023, have been prepared in accordance with Korean IFRS 1034 *Interim Financial Reporting*. These condensed separate interim financial statements do not include all of the information presented in the annual separate financial statements. Therefore, these condensed separate interim financial statements as of December 31, 2022.

2.1.1 Changes in Accounting Policies and Disclosures

- (a) New and amended standards and interpretations effective for the financial year beginning January 1, 2023.
- Korean IFRS 1001 Presentation of Financial Statements Disclosure of Accounting Policies

The amendments to Korean IFRS 1001 define and require entities to disclose their material accounting policies. The amendments do not have a significant impact on the condensed

separate interim financial statements.

- Korean IFRS 1001 Presentation of Financial Statements - Disclosure of gain or loss on valuation of financial liabilities subject to adjustment of exercise price

If the entire or a part of financial instrument, whose exercise price is subject to change due to the issuer's share price, is classified as a financial liability, the carrying amount of the financial liability and related gains and losses shall be disclosed. The amendments do not have a significant impact on the condensed separate interim financial statements.

- Korean IFRS 1008 Accounting Policies, Changes in Accounting Estimates and Errors - Definition of Accounting Estimates

The amendments define accounting estimates and clarify how to distinguish them from changes in accounting policies. The amendments do not have a significant impact on the condensed separate interim financial statements.

- Korean IFRS 1012 Income Taxes - Deferred Tax related to Assets and Liabilities arising from a Single Transaction

The amendments include an additional condition to the exemption to initial recognition of an asset or liability that a transaction does not give rise to equal taxable and deductible temporary differences at the time of the transaction. The amendments do not have a significant impact on the condensed separate interim financial statements.

(b) New, enacted and amended standards issued, but not effective for September 30, 2023, and not early adopted by the Company.

- Amendments to Korean IFRS 1001 Presentation of Financial Statements - Classification of Liabilities as Current or Non-current, Non-current Liabilities with Covenants

The amendments clarify that liabilities are classified as either current or non-current, depending on the substantive rights that exist at the end of the reporting period. Classification is unaffected by the likelihood that an entity will exercise right to defer settlement of the liability or the expectations of management. Also, the settlement of liability includes the transfer of the entity's own equity instruments, however, it would be excluded if an option to settle them by the entity's own equity instruments if compound financial instruments is met the definition of equity instruments and recognized separately from the liability. In addition, covenants that an entity is required to comply with after the end of the reporting period would not affect classification of a liability as current or non-current at the reporting period. When an entity classifies a liability that is subject to the covenants which an entity is required to comply with within twelve months after the reporting period as non-current at the end of the reporting period, the entity shall disclose information in the notes to explain the risk that non-current liabilities with covenants could become repayable within twelve months after the reporting period. The amendments should be applied for annual periods beginning on or after January 1, 2024. The Company does not expect that these amendments have a significant impact on the condensed separate interim financial statements.

2.2 Income Tax Expense

Income tax expense for the interim period is recognized based on management's best estimate of the weighted average annual income tax rate expected for the full financial year. The estimated average annual tax rate is applied to the pre-tax income for the period.

3. Critical Accounting Estimates and Judgements

The estimates and judgments are continuously evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable.

3.1 Critical Accounting Estimates and Assumptions

The Company makes estimates and assumptions concerning the future. Estimates and assumptions are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. The resulting accounting estimates will, by definition, seldom equal the related actual results.

The Russia - Ukraine armed conflict and continuous international sanctions on Russia have a material impact on the global economy. It may have a negative impact; such as, decrease in productivity, decrease or delay in sales, collection of existing receivables and others. Accordingly, it may have a negative impact on the financial position and financial performance of the Company, and the impact is expected to be continued to the separate annual financial statements in 2023.

Significant accounting estimates and assumptions applied in the preparation of the condensed separate interim financial statements can be adjusted depending on changes in the uncertainty from Russia - Ukraine armed conflict. Also, the ultimate effect of Russia - Ukraine armed conflict to the Company's business, financial position and financial performance cannot presently be determined.

The estimates and assumptions that have a significant risk of causing adjustments to the carrying amounts of assets and liabilities after the end of the reporting period are addressed below.

(a) Revenue Recognition

The Company recognizes revenue over time using the percentage of completion method for the rendering of service such as equipment production and installation. The Company measures the percentage of completion by estimating total cost for the completion of the transaction, and the factors for the estimation of revenue may vary.

(b) Impairment of Goodwill

The Company tests goodwill and others regularly for impairment. The recoverable amounts of cash-generating units have been determined based on fair value less costs of disposal or valuein-use calculations. These calculations require estimates.

(c) Income Taxes

The Company recognizes assets and liabilities for anticipated tax audit issues based on the best estimates of whether additional taxes will be due. Where the final tax outcome of these matters is different from the amounts that were initially recorded, such differences will impact the current and deferred income tax assets and liabilities in the period in which such determination is made.

(d) Fair Value of Financial Instruments

The fair value of financial instruments that are not traded in an active market is determined by using valuation techniques. The Company uses its judgement to select a variety of methods and makes assumptions that are mainly based on market conditions existing at the end of the reporting period.

(e) Provisions

The Company recognizes provisions for product warranties and others based on their historical data at the end of the reporting period.

(f) Net Defined Benefit Liabilities

The present value of the defined benefit liability depends on various factors that are determined on an actuarial basis. The assumptions used in determining the net cost (income) for pensions include the discount rate, which is the interest rate that is used to determine the present value of estimated future cash outflows expected to be required to settle the defined benefit liability. In determining the appropriate discount rate, the Company considers the interest rates of highquality corporate bonds that are denominated in the currency in which the benefits will be paid, and that have terms to maturity approximating the terms of the related pension liability. Other key assumptions for defined benefit liability are based on current market conditions.

(g) Development Costs

The Company capitalizes development costs when there is a reasonable assurance that projects have technical feasibility and the possibility of generating future economic benefits, and performs periodic impairment test. The recoverable amount of each project has been calculated on a basis of the value-in-use reflecting expected sales quantity and unit price and estimated operating profit.

(h) Leases

In determining the lease term, management considers all facts and circumstances that create an economic incentive to exercise an extension option, or not exercise a termination option. Extension options (or periods after termination options) are only included in the lease term if the lease is reasonably certain to be extended (or not terminated).

The reassessment of the lease term based on a judgment of whether the extension option is reasonably certain to be exercised (or not exercised) is only revised if a significant event or a significant change in circumstances occurs, which affects this assessment, and that is within the control of the lessee.

4. Financial Instruments by Category

(a) Categorizations of financial instruments as of September 30, 2023 and December 31, 2022, are as follows:

September 30, 2023						
Financial assets at amortized cost	Financial assets at fair value through other comprehensive income	Financial assets at fair value through profit or loss	Other	Total		
2,640,099	-	-	-	2,640,099		
140,687	-	-	-	140,687		
5,403,245	226,404	-	455,751	6,085,400		
1,709,862	-	-	-	1,709,862		
-	66,752	105,291	244,440	416,483		
9,893,893	293,156	105.291	700,191	10,992,531		
	assets at amortized cost 2,640,099 140,687 5,403,245 1,709,862 -	Financial assets at amortized costFinancial assets at fair value through other comprehensive income2,640,099-2,640,099-140,687-5,403,245226,4041,709,862-66,752	Financial assets at amortized costFinancial assets at fair value through other comprehensive incomeFinancial assets at fair value through profit or loss2,640,0992,640,099140,6875,403,245226,404-1,709,86266,752105,291	Financial assets at amortized costFinancial assets at fair value through other comprehensive incomeFinancial assets at fair value through profit or lossOther2,640,0992,640,099140,6875,403,245226,404455,7511,709,86266,752105,291244,440		

	September 30, 2023						
		Financial liabilities					
(in millions of Korean won)	Financial liabilities at amortized cost	at fair value through profit or loss	Other	Total			
Trade payables	6,372,603	-	-	6,372,603			
Borrowings	9,186,578	-	-	9,186,578			
Lease liabilities	-	-	77,026	77,026			
Other payables	1,791,635	-	-	1,791,635			
Other financial liabilities	-	24,506	28,819	53,325			
Total	17,350,816	24,506	105,845	17,481,167			

	December 31, 2022						
(in millions of Korean won)	Financial assets at amortized cost	Financial assets at fair value through other comprehensive income	Financial assets at fair value through profit or loss	Other	Total		
Cash and cash equivalents	1,941,615	-	-	-	1,941,615		
Deposits held by financial institutions	171,459	-	-	-	171,459		
Trade receivables	3,655,793	290,274	-	164,262	4,110,329		
Other receivables	658,718	-	-	-	658,718		
Other financial assets	-	61,531	95,151	159,150	315,832		
Total	6,427,585	351,805	95,151	323,412	7,197,953		

	December 31, 2022						
(in millions of Korean won)	Financial liabilities at amortized cost	Financial liabilities at fair value through profit or loss	Other	Total			
Trade payables	5,428,176	-	-	5,428,176			
Borrowings	7,546,030	-	-	7,546,030			
Lease liabilities	-	-	116,509	116,509			
Other payables	2,062,772	-	-	2,062,772			
Other financial liabilities	-	24,641	18,298	42,939			
Total	15,036,978	24,641	134,807	15,196,426			

(b) Net gains or losses on each category of financial instruments for the nine-month periods ended September 30, 2023 and 2022, are as follows:

	2023				
(in millions of Korean won)	Financial assets at amortized cost	Financial assets at fair value through other comprehensive income	Financial assets at fair value through profit or loss	Other	Total
Interest income	80,994	-	-	-	80,994
Exchange differences	328,703	-	-	-	328,703
Bad debt expenses	(3,078)	-	-	-	(3,078)
Gain (Loss) on disposal of trade receivables	-	(523)	-	-	(523)
Dividend income	-	189	969	-	1,158
Gain (Loss) on valuation of financial assets at fair value through profit or loss	-	-	(17)	-	(17)
Gain (Loss) for the period from discontinued operations	(52)	-	-	-	(52)
Fair value gain (loss), net of tax (through other comprehensive income)	-	869	-	-	869
Gain (Loss) on derivatives, net of tax (through other comprehensive income)	-	-	-	5,553	5,553
Others	(9,628)	-	-	-	(9,628)

		2023		
		Financial liabilities at		
(in millions of Korean won)	Financial liabilities at amortized cost	fair value through profit or loss	Other	Total
Interest expenses	(257,711)	-	37,268	(220,443)
Exchange differences	(415,641)	-	75,853	(339,788)
Gain (Loss) on derivatives (through profit or loss)	-	(2,350)	-	(2,350)
Gain (Loss) from discontinued operations	11	-	-	11
Gain (Loss) on derivatives, net of tax (through other comprehensive income)	-	-	(7,995)	(7,995)
Others	(9,549)	-	1,017	(8,532)

		:	2022		
(in millions of Korean won)	Financial assets at amortized cost	Financial assets at fair value through other comprehensive income	Financial assets at fair value through profit or loss	Other	Total
Interest income	21,793	-	-	-	21,793
Exchange differences	926,380	-	-	-	926,380
Bad debt expenses	(1,988)	-	-	-	(1,988)
Gain (Loss) on disposal of trade receivables	-	(996)	-	-	(996)
Dividend income Gain (Loss) on valuation of	-	188	311	-	499
financial assets at fair value through profit or loss	-	-	11,235	-	11,235
Gain (Loss) from discontinued operations	3,263	-	-	-	3,263
Fair value gain (loss), net of tax (through other comprehensive income)	-	(20,023)	-	-	(20,023)
Gain (Loss) on derivatives, net of tax (through other comprehensive income)	-	-	-	93,401	93,401
Others	(265)	-	-	-	(265)

	2022							
		Financial liabilities at						
(in millions of Korean won)	Financial liabilities at amortized cost	fair value through profit or loss	Other	Total				
Interest expenses	(138,415)	-	(11,145)	(149,560)				
Exchange differences	(1,062,326)	-	177,387	(884,939)				
Gain (Loss) on derivatives (through profit or loss)	-	(24,784)	-	(24,784)				
Gain (Loss) from discontinued operations	(21,175)	-	(19)	(21,194)				
Gain (Loss) on derivatives, net of tax (through other comprehensive income)	-	-	(12,345)	(12,345)				
Others	-	-	(432)	(432)				

5. Trade Receivables and Other Receivables

(a) Trade receivables and other receivables, net of allowance for doubtful accounts, as of September 30, 2023 and December 31, 2022, are as follows:

	September 30, 2023			December 31, 2022			
-		Allowance for		Allowance for			
	Original	doubtful	Carrying	Original	doubtful	Carrying	
(in millions of Korean won)	amount	accounts	amount	amount	accounts	amount	
Trade receivables	5,711,520	(41,502)	5,670,018	4,007,881	(36,264)	3,971,617	
Non-current trade receivables	415,382	-	415,382	138,712	-	138,712	
Other receivables							
Current	538,376	(5,477)	532,899	502,754	(7,579)	495,175	
Non-current	1,176,977	(14)	1,176,963	163,555	(12)	163,543	

(b) Movements in allowance for doubtful accounts for the nine-month periods ended September 30, 2023 and 2022, are as follows:

	2023							
		Addition	Write-off and	At September				
(in millions of Korean won)	At January 1	(Reversal)	other	30				
Trade receivables	36,264	5,238	-	41,502				
Other receivables								
Current	7,579	(2,102)	-	5,477				
Non-current	12	2	-	14				
	2022							
		Addition	Write-off and	At September				
(in millions of Korean won)	At January 1	(Reversal)	other	30				
Trade receivables	35,656	3,796	-	39,452				
Other receivables								
Current	9,308	(1,102)	-	8,206				
Non-current	12	-	-	12				

(c) The aging analysis of trade receivables and other receivables as of September 30, 2023 and December 31, 2022, is as follows:

(in millions of Korean won)	September 30, 2023							
	Trade	Non-current	Other ree					
	receivables	trade receivables	Current	Non-current	Total			
Receivables not past due	5,019,367	415,382	473,482	1,171,512	7,079,743			
Past due but not impaired								
Up to 6 months	298,194	-	57,393	4,783	360,370			
7 to 12 months	29,998	-	354	676	31,028			
Over 1 year	290,933		1,630	6	292,569			
Subtotal	619,125	<u> </u>	59,377	5,465	683,967			
Impaired	73,028		5,517		78,545			
Total	5,711,520	415,382	538,376	1,176,977	7,842,255			

(in millions of Korean won)	December 31, 2022							
	Trade	Non-current	Other re					
	receivables	trade receivables	Current	Non-current	Total			
Receivables not past due	3,451,748	138,712	489,228	162,480	4,242,168			
Past due but not impaired								
Up to 6 months	220,774	-	4,267	1,071	226,112			
7 to 12 months	25,030	-	220	3	25,253			
Over 1 year	239,510		1,432	1	240,943			
Subtotal	485,314		5,919	1,075	492,308			
Impaired	70,819	-	7,607	-	78,426			
Total	4,007,881	138,712	502,754	163,555	4,812,902			

(d) Trade receivables have been discounted through collateralized borrowing agreements with banks for the nine-month period ended September 30, 2023. In case the customers default, the Company has an obligation to pay the related amounts to the banks. As a result, this transaction has been accounted for as a collateralized borrowing (Note 11). Discounted trade receivables as of September 30, 2023 amount to ₩54,928 million (December 31, 2022: ₩41,026 million).

6. Other Financial Assets and Liabilities

(a) Details of other financial assets and liabilities as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Other financial assets		
Derivatives	244,440	159,435
Financial assets at fair value through other comprehensive income	66,752	61,531
Financial assets at fair value through profit or loss	95,589	94,866
Total	406,781	315,832
Current	32,493	840
Non-current	374,288	314,992
(in millions of Korean won)	September 30, 2023	December 31, 2022
Other financial liabilities		
Derivatives	42,342	31,804
Financial guarantee liability	10,983	11,135
Total	53,325	42,939
Current	6,059	6,581
Non-current	47,266	36,358

September	30, 2023	December 31, 2022		
Assets	Liabilities	Assets	Liabilities	
-	-	285	135	
32,364	-	-	-	
129	-	555	-	
32,493		840	135	
185,372	15,769	129,781	6,357	
26,575	2,067	28,814	806	
-	24,506	-	24,506	
211,947	42,342	158,595	31,669	
244,440	42,342	159,435	31,804	
	Assets 32,364 129 32,493 185,372 26,575 - 211,947	32,364 - 129 - 32,493 - 185,372 15,769 26,575 2,067 - 24,506 211,947 42,342	Assets Liabilities Assets - - 285 32,364 - - 129 - 555 32,493 - 840 185,372 15,769 129,781 26,575 2,067 28,814 - 24,506 - 211,947 42,342 158,595	

(b) Details of derivatives as of September 30, 2023 and December 31, 2022, are as follows:

The details of major derivative contracts at the end of the reporting period are presented in Note 31.

(c) Changes in carrying amount of financial assets at fair value through other comprehensive income for the nine-month periods ended September 30, 2023 and 2022, are as follows:

	2023					
(in millions of Korean won)	At January 1	Acquisition	Disposals	Transfer	Valuation	At September 30
Listed equity securities	18,271	-	(1,562)	-	339	17,048
Unlisted equity securities	43,260	7,277	(1,667)	-	834	49,704
Total	61,531	7,277	(3,229)	-	1,173	66,752

	2022					
(in millions of Korean won)	At January 1	Acquisition	Disposals	Transfer	Valuation	At September 30
Listed equity securities	48,150	-	-	-	(27,429)	20,721
Unlisted equity securities	28,385	13,275	-	1,600	-	43,260
Total	76,535	13,275	-	1,600	(27,429)	63,981

(d) Changes in carrying amount of financial assets at fair value through profit or loss for the ninemonth periods ended September 30, 2023 and 2022, are as follows:

	2023					
(in millions of Korean won)	At January 1	Acquisition	Disposals	Transfer	Valuation	At September 30
Unlisted equity securities	70,841	3,115	(875)	(2,000)	(17)	71,064
Debt securities	24,025	500	-	-	-	24,525
Total	94,866	3,615	(875)	(2,000)	(17)	95,589

	2022					
(in millions of Korean won)	At January 1	Acquisition	Disposals	Transfer	Valuation	At September 30
Unlisted equity securities	72,285	10,305	(15,181)	(24,992)	11,235	53,652
Debt securities	-	633	-	23,392	-	24,025
Total	72,285	10,938	(15,181)	(1,600)	11,235	77,677

7. Inventories

Inventories as of September 30, 2023 and December 31, 2022, consist of:

	September 30, 2023			December 31, 2022			
(in millions of Korean won)	Cost	Valuation allowance	Carrying amount	Cost	Valuation allowance	Carrying amount	
Finished products and merchandise	771,558	(25,625)	745,933	804,526	(34,844)	769,682	
Work-in-process	69,307	(1,699)	67,608	46,453	(893)	45,560	
Raw materials and supplies	583,003	(45,635)	537,368	654,016	(56,763)	597,253	
Other	168,193	(57,867)	110,326	176,381	(65,549)	110,832	
Total	1,592,061	(130,826)	1,461,235	1,681,376	(158,049)	1,523,327	

8. Contract Assets and Contract Liabilities

(a) Contract assets as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Due from customers	641,985	419,764
(Less: allowance for doubtful accounts)	(4)	(4)
Right to recover returned products	1,050	987
Costs to fulfill contracts and others	185,399	88,449
Total	828,430	509,196
Current	653,918	430,444
Non-current	174,512	78,752

(b) Contract liabilities as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Expected promotional incentives for customers	75,659	68,205
Expected returns from customers	36,053	14,614
Customer loyalty program	58,120	56,474
Rendering of warranty services	15,176	20,909
Due to customers and others	438,060	342,161
Total	623,068	502,363
Current	616,715	497,668
Non-current	6,353	4,695

(c) Revenue recognized in relation to contract liabilities for the nine-month periods ended September 30, 2023 and 2022, is as follows:

(in millions of Korean won)	2023	2022
Revenue recognized that was included in the contract liability amount at the beginning of the period:		
Due to customers and others	295,621	302,161
Customer loyalty program	38,989	35,224
Rendering of warranty services	6,148	4,396
Total	340,758	341,781
Revenue recognized from performance obligations satisfied in previous periods	2,949	1,531

(d) Unsatisfied long-term contracts

At the end of the reporting period, the total amount of transaction price allocated to the unsatisfied or partially unsatisfied performance obligations was \$905,602 million (December 31, 2022: \$1,356,919 million) which were expected to be satisfied by 2031, at the latest. Also, as a practical expedient, the Company excluded performance obligation which was a part of contract that had an original expected duration of one year or less.

(e) For the nine-month period ended September 30, 2023, the Company recognized an impairment loss amounting to ₩1 million (September 30, 2022: nil) in relation to due from customers, and amortization and other costs of ₩78,026 million (September 30, 2022: ₩25,639 million) in relation to costs to fulfill contracts.

9. Property, Plant and Equipment, and Intangible Assets

(a) Changes in property, plant and equipment for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
At January 1	6,007,599	6,424,785
Acquisitions	333,660	429,033
Reclassification to assets held for sale	-	(44,167)
Transfer	(58)	(3,357)
Disposals and others	(11,068)	(303,688)
Depreciation	(486,781)	(507,541)
Impairment losses ¹	(15,824)	(91,414)
At September 30	5,827,528	5,903,651

¹ For the nine-month period ended September 30, 2022, impairment loss on property, plant and equipment from discontinued operations of energy business amounting to ₩75,629 million is included.

(b) Line items including depreciation in the separate interim statements of profit or loss for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022	
Continuing operations			
Cost of sales	363,631	377,907	
Selling and marketing expenses	28,338	29,342	
Administrative expenses	46,312	38,743	
Research and development expenses	28,445	32,976	
Service costs	14,645	14,040	
Other non-operating expenses	5,401	1,101	
Subtotal	486,772	494,109	
Discontinued operations	9	13,432	
Total	486,781	507,541	

(c) Changes in right-of-use assets included in property, plant and equipment for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
At January 1	115,297	121,844
Acquisitions	24,903	43,903
Transfer	-	(3,357)
Disposals and others	(5,825)	(2,014)
Depreciation	(58,232)	(63,238)
At September 30	76,143	97,138

The amount recognized as lease income in relation to sublease of the above right-of-use assets for the nine-month period ended September 30, 2023, was \forall 4,504 million (September 30, 2022: \forall 6,044 million).

(d) Changes in intangible assets for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
At January 1	1,715,271	1,758,718
Acquisitions	294,550	243,102
Acquisitions by internal development	256,010	110,805
Reclassification to assets held for sale	-	(33)
Transfer	(111)	(127,962)
Disposals and others	(35,733)	(43,640)
Amortization	(322,554)	(304,037)
Impairment losses	(1,591)	(25,360)
At September 30	1,905,842	1,611,593

(e) Line items including amortization of intangible assets in the separate interim statements of profit or loss for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
Continuing operations		
Cost of sales	245,778	232,769
Selling and marketing expenses	8,040	7,022
Administrative expenses	25,939	20,803
Research and development expenses	40,330	40,437
Service costs	2,425	1,854
Other non-operating expenses	7	2
Subtotal	322,519	302,887
Discontinued operations	35	1,150
Total	322,554	304,037

10. Investments in Subsidiaries, Associates and Joint Ventures

(a) Investments in subsidiaries, associates and joint ventures as of September 30, 2023 and December 31, 2022, are as follows:

		Percentage of Carrying an Overship at		amount	
(in millions of Korean won)	Location	Closing month		September 30, 2023	December 31, 2022
Subsidiaries					
LG Electronics U.S.A., Inc.(LGEUS)	USA	December	100.0	955,542	955,542
LG Innotek Co., Ltd.⁵	Korea	December	40.8	541,538	541,538
LG Magna e-Powertrain Co., Ltd.	Korea	December	51.0	388,661	388,661
ZKW Holding GmbH	Austria	December	70.0	349,482	349,482
LG ELECTRONICS INDIA PRIVATE LIMITED(LGEIL)	India	March	100.0	311,746	311,746
LG Electronics do Brasil Ltda.(LGEBR)	Brazil	December	100.0	270,631	270,631
LG Electronics Mlawa Sp. z.O.O.(LGEMA)	Poland	December	100.0	214,091	214,091
LG Electronics Nanjing Vehicle Components Co.,Ltd.(LGENV)	China	December	100.0	180,349	180,349
LG Electronics (Tianjin) Appliances Co., Ltd.(LGETA)	China	December	70.0	161,331	161,331
LG Electronics European Holding B.V.(LGEEH)	Netherlands	December	100.0	148,551	148,551
Hiplaza Co., Ltd.	Korea	December	100.0	136,459	136,459
Cybellum Technologies Ltd.	Israel	December	69.2	133,162	133,162
PT LGE Indonesia Research and Development Center(LGERC) ¹	Indonesia	December	100.0	121,467	63,237
LG Electronics Egypt S.A.E(LGEEG)	Egypt	December	100.0	110,245	110,245
Taizhou LG Electronics Refrigeration Co., Ltd.(LGETR)	China	December	90.0	97,608	97,608
P.T. LG Electronics Indonesia(LGEIN)	Indonesia	December	100.0	94,118	94,118
LG Electronics Vietnam Hai Phong Co., Ltd(LGEVH)	Vietnam	December	100.0	84,784	84,784
LG Electronics Wroclaw Sp. z.O.O.(LGEWR)	Poland	December	100.0	70,014	70,014
LG Electronics Mexico S.A. DE C.V.(LGEMS)	Mexico	December	100.0	68,721	68,721
LG Electronics (Shenyang) Inc(LGESY)	China	December	56.3	62,033	62,033
LG Electronics (Thailand) Company Limited(LGETH)	Thailand	December	100.0	55,578	55,578
LG Electronics Fund I LLC ^{1,3}	USA	December	100.0	54,191	56,264
LG ELECTRONICS AUSTRALIA PTY LIMITED(LGEAP)	Australia	December	100.0	50,664	50,664
LG Electronics Ticaret A.S.(LGETK)	Türkiye	December	100.0	47,320	47,320
LG Electronics RUS, LLC(LGERA)	Russia	December	100.0	43,645	43,645
LG Electronics (Huizhou) Inc.(LGEHZ) ⁶	China	December	45.0	41,984	41,984
LG Electronics Nanjing New Technology co.,LTD(LGENT) ⁶	China	December	45.0	38,744	38,744
LG Electronics Panama, S.A.(LGEPS)	Panama	December	100.0	36,492	36,492
ZKW Austria Immobilien Holding GmbH	Austria	December	70.0	35,640	35,640
HIEVCHARGER CO., LTD. ^{1,7}	Korea	December	60.0	35,040	27,840

			Percentage of ownership at	Carrying amount	
(in millions of Korean won)	Location	Closing month	•	September 30, 2023	December 31, 2022
LG Electronics S.A. (Pty) Ltd.(LGESA)	Republic of South Africa	December	100.0	30,175	30,175
Nanjing LG Panda Appliances Co., Ltd(LGEPN) ⁶	China	December	50.0	26,614	26,614
LG Electronics Peru S.A.(LGEPR)	Peru	December	100.0	25,043	25,043
LG Electronics Air-Conditioning(Shandong) Co., Ltd.(LGEQA)	China	December	100.0	20,615	20,615
LG Soft India Private Limited.(LGSI)	India	March	100.0	20,105	20,105
LG Electronics Fund II LLC ¹	USA	December	100.0	13,534	9,669
NOVA Prime Fund I, LP ¹	USA	December	100.0	11,305	2,802
LG Electronics Development Vietnam Company Limited (LGEDV) ²	Vietnam	December	100.0	1,868	-
Others				167,058	167,058
Associates					
LG Display Co., Ltd.	Korea	December	37.9	3,480,623	3,480,623
Robostar Co., Ltd.	Korea	December	33.4	88,112	88,112
Hitachi-LG Data Storage Inc.(HLDS)	Japan	December	49.0	52,124	52,124
Ericsson-LG Co., Ltd.	Korea	December	25.0	38,834	38,834
Mirae Asset-LG Electronics New Growth Fund I	Korea	December	50.0	28,023	28,023
Rinse, INC.	USA	December	23.3	18,184	18,184
ROBOTIS Co., Ltd. ⁴	Korea	December	7.5	9,000	9,000
SideChef Group Limited ^{2,4}	Hong Kong	December	15.4	7,702	-
TheWaveTalk Co., Ltd. ⁴ .	Korea	December	3.7	2,000	-
Acryl Inc. ⁴	Korea	December	13.6	2,000	2,000
AiM Future, Inc. ⁴	Korea	December	11.7	800	800
Joint ventures					
LG-LHT Aircraft Solutions GmbH ¹	Germany	December	49.0	43,148	34,343
LG-LHT Passenger Solutions GmbH ¹	Germany	December	49.0	43,014	32,817
Arcelik-LG Klima Sanayi ve Ticaret A.S.(LGEAT)	Türkiye	December	50.0	27,711	27,711
EIC PROPERTIES PTE LTD.	Singapore	December	38.2	7,881	7,881
FITNESSCANDY Co., Ltd. ¹	Korea	December	51.0	5,610	4,233
GUANGDONG SMART LIFE TECHNOLOGY CO., LTD. ¹	China	December	35.0	1,855	1,535
Total				9,112,769	9,004,775

¹ It was additionally acquired during the nine-month period ended September 30, 2023.

² It was newly acquired during the nine-month period ended September 30, 2023.

³ It was recovered a portion of the investment funds during the nine-month period ended September 30, 2023.

- ⁴ Classified as an associate although the percentage of ownership is less than 20% because the Company can exercise a significant influence in the Board of Directors of the investee.
- ⁵ Although the Company owns less than half of the percentage of ownership of LG Innotek Co., Ltd., the Company is deemed to have control over LG Innotek Co., Ltd. due to the size and dispersion of holdings of

the other shareholders and their voting patterns at previous shareholders' meetings.

- ⁶ Although the Company owns less than half of the percentage of ownership of the investees, the investees are classified as subsidiaries because the Company can exercise control over the investees considering the shares held by the subsidiary.
- ⁷ The entity changed its name from APPLEMANGO CO., LTD. to HIEVCHARGER CO., LTD. for the ninemonth period ended September 30, 2023.
- (b) Changes in investments in subsidiaries, associates and joint ventures for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
At January 1	9,004,775	8,914,917
Acquisitions	108,943	90,330
Transfer	2,000	-
Disposal and others ¹	(2,949)	(13,259)
At September 30	9,112,769	8,991,988

¹ It includes the amount retrieved by the capital reduction with consideration on the Mirae Asset-LG Electronics New Growth Fund I, which is associates of the Company, during the nine-month period ended September 30, 2022.

(c) Details of marketable investments in subsidiaries and associates as of September 30, 2023 and December 31, 2022, are as follows:

	September 30, 2023				
	Туре	Shares held (Unit: shares)	Price per share (in Korean won)	Fair value <i>(in million</i> s	Book amount of Korean won)
LG Display Co., Ltd.	Associate	135,625,000	13,110	1,778,044	3,480,623
LG Innotek Co., Ltd.	Subsidiary	9,653,181	244,500	2,360,203	541,538
Robostar Co., Ltd.	Associate	3,256,500	31,000	100,952	88,112
ROBOTIS Co., Ltd.	Associate	961,550	26,400	25,385	9,000

	December 31, 2022				
	Туре	Shares held (Unit: shares)	Price per share (in Korean won)	Fair value <i>(in millions</i>	Book amount of Korean won)
LG Display Co., Ltd.	Associate	135,625,000	12,450	1,688,531	3,480,623
LG Innotek Co., Ltd.	Subsidiary	9,653,181	252,500	2,437,428	541,538
Robostar Co., Ltd.	Associate	3,256,500	18,650	60,734	88,112
ROBOTIS Co., Ltd.	Associate	961,550	22,500	21,635	9,000

11. Borrowings

(a) Carrying amounts of borrowings as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Current		
Short-term borrowings	794,568	311,266
Current portion of long-term borrowings	257,697	187,715
Current portion of debentures	737,297	574,927
Subtotal	1,789,562	1,073,908
Non-current		
Long-term borrowings	2,988,007	2,591,454
Debentures	4,409,009	3,880,668
Subtotal	7,397,016	6,472,122
Total	9,186,578	7,546,030

(b) Details of borrowings as of September 30, 2023 and December 31, 2022, are as follows:

		Annual interest	Carrying amount	
(in millions of Korean won)	Latest maturity date	rate at September 30, 2023(%)	September 30, 2023	December 31, 2022
Short-term borrowings				
in foreign currency LG Electronics U.S.A., Inc. and others ¹	-	4.15 ~ 17.20	794,568	311,266
Long-term borrowings				
in local currency The Export-Import Bank of Korea and others Long-term borrowings in	2035. 1. 9	2.49 ~ 4.97	2,137,250	1,825,893
foreign currency				
The Export-Import Bank of Korea and others	2031. 7. 28	0.67 ~ 7.13	1,108,454	953,276
Local currency debentures				
Public, non-guaranteed bonds	2036. 5. 4	1.62 ~ 4.44	2,820,000	3,090,000
Private, non-guaranteed bonds	2041. 2. 9	2.66 ~ 5.15	1,730,000	980,000
Foreign currency debentures				
Private, non-guaranteed bonds	2029. 3. 5	4.74 ~ 7.14	608,170	258,765
Private, guaranteed bonds	2023. 2. 24	3M EURIBOR+0.75	-	135,120
Less: discount on debentures			(11,864)	(8,290)
Total			9,186,578	7,546,030

¹ The above short-term borrowings in foreign currency include the short-term borrowings collateralized by trade receivables amounting to #54,928 million (December 31, 2022: #41,026 million) as of September 30, 2023.

The Company entered into interest rate swap and cross-currency swap contracts to hedge cash flow risks related to floating interest rates and foreign exchange rates of certain portion of borrowings (Note 31).

12. Lease Liabilities

(a) Details of lease liabilities as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Lease liabilities		
Current	35,150	65,979
Non-current	41,876	50,530
Total	77,026	116,509

(b) The amounts, relating to leases, recognized in the separate interim statements of profit or loss for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
Continuing operations		
Interest expense relating on lease liabilities	2,950	2,649
Short-term lease payments (included in cost of sales, selling and marketing expenses, administrative expenses, and others)	21,294	19,049
Payments for leases of low-value assets that are not short-term leases (included in cost of sales, selling and marketing expenses, administrative expenses, and others)	11,763	11,201
Subtotal	36,007	32,899
Discontinued operations	11	1,099
Total	36,018	33,998

Depreciation of right-of-use assets is stated in 'Note 9'.

(c) Total expenses for leases including short-term leases and leases of low-value assets for the nine-month period ended September 30, 2023, are ₩91,026 million (September 30, 2022: ₩95,435 million).

13. Post-employment Benefits

13.1 Defined Benefit Plan

(a) The amounts of net defined benefit liabilities (assets) as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Present value of funded obligations	3,040,183	2,937,364
Fair value of plan assets	(3,497,165)	(3,454,693)
Net defined benefit liabilities (assets)	(456,982)	(517,329)

(b) The amounts recognized in the separate interim statements of profit or loss for the ninemonth periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
Current service cost	205,990	233,007
Net interest cost	(20,564)	2,151
Operating management cost	1,858	1,659
Total	187,284	236,817

(c) Line items in which expenses are included for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
Continuing operations		
Cost of sales	87,729	110,453
Selling and marketing expenses	26,079	31,596
Administrative expenses	17,729	19,874
Research and development expenses	36,826	46,385
Service costs	17,090	19,890
Other non-operating expenses	1,826	-
Subtotal	187,279	228,198
Discontinued operations	5	8,619
Total	187,284	236,817

(d) Movements in the present value of defined benefit obligations for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
At January 1	2,937,364	3,268,721
Current service cost	205,990	233,007
Interest expense	113,808	68,805
Remeasurements for:		
 Actuarial loss (gain) arising from changes in financial assumptions 	(30,672)	(657,766)
Benefits paid	(186,307)	(338,237)
At September 30	3,040,183	2,574,530

(e) Movements in the fair value of plan assets for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
At January 1	3,454,693	3,168,810
Interest income	134,372	66,654
Remeasurements of plan assets	877	(22,469)
Employer contributions	100,000	-
Benefits paid	(190,919)	(330,832)
Operating management cost	(1,858)	(1,659)
At September 30	3,497,165	2,880,504

(f) The significant actuarial assumptions used as of September 30, 2023 and December 31, 2022, are as follows:

	September 30, 2023	December 31, 2022
Discount rate	5.4%	5.3%
Expected salary growth rate	6.0%	6.0%

(g) The sensitivity analysis of the defined benefit obligation to changes in principal assumptions as of September 30, 2023, is as follows:

(in millions of Korean won)	1%p increase	1%p decrease	
Discount rate	(253,050)	290,312	
Expected salary growth rate	304,101	(268,433)	

The above sensitivity analysis is based on a change in an assumption while holding all other assumptions constant. In practice, this is unlikely to occur, and changes in some of the assumptions may be correlated. The sensitivity of the defined benefit obligation to changes in principal actuarial assumptions is calculated using the projected unit credit method, the same method applied when calculating the defined benefit obligations.

13.2 Defined Contribution Plan

The expense recognized for the nine-month period ended September 30, 2023 in relation to the defined contribution plan was ₩8,064 million (September 30, 2022: ₩7,109 million).

14. Provisions

Changes in provisions for the nine-month periods ended September 30, 2023 and 2022, are as follows:

	2023				
-	Litigation and				
(in millions of Korean won)	Warranty	Restoration	others	Total	
At January 1	1,079,839	9,360	57,771	1,146,970	
Additions ¹	503,090	112	88,944	592,146	
Utilizations	(987,772)	(711)	(5,930)	(994,413)	
At September 30	595,157	8,761	140,785	744,703	
Current	547,645	6,494	6,451	560,590	
Non-current	47,512	2,267	134,334	184,113	

	2022				
-			Litigation and		
(in millions of Korean won)	Warranty	Restoration	others	Total	
At January 1	2,279,025	10,460	62,899	2,352,384	
Additions ¹	367,102	427	21,665	389,194	
Utilizations	(1,480,764)	(1,364)	(22,181)	(1,504,309)	
At September 30	1,165,363	9,523	62,383	1,237,269	
Current	1,108,199	8,046	17,531	1,133,776	
Non-current	57,164	1,477	44,852	103,493	

¹ Net amount of additional provisions equals to additional provisions less reversed amounts.

15. Paid-in Capital

(a) At the end of the reporting period, the number of shares authorized is 600 million.

		September 30, 2023		December 31, 2022	
	Par value per share	Number of shares issued	Amount (in millions of Korean won)	Number of shares issued	Amount (in millions of Korean won)
Ordinary shares	5,000	163,647,814	818,239	163,647,814	818,239
Preferred shares	5,000	17,185,992	85,930	17,185,992	85,930
Total		180,833,806	904,169	180,833,806	904,169

The preferred shareholders have no voting rights and are entitled to preferred dividends at a rate of one percentage point over that of ordinary shares. This preferred dividend rate is not applicable to stock dividends. In addition, the preferred shareholders have same rights on the remaining assets as ordinary shareholders. Repayment and conversion are not applicable to preferred shares.

(b) Share premium balance as of September 30, 2023, is ₩3,088,179 million. The share premium of ₩1,876,153 million was recognized, which is ₩2,815,707 million of the carrying amount of net assets acquired from the entity spin-off back on April 1, 2002, less the Company's capital of ₩783,961 million and less the Company's capital adjustment of ₩155,593 million. In addition, the amount of ₩331,766 million paid in excess of par value due to issuance of ordinary shares (merger with LG IBMPC Co., Ltd.) and the exercise of conversion options in 2005 and 2006 are included. The excess in paid-in capital amounting to ₩880,260 million over the par value was recognized as the share premium due to the issuance of ordinary shares in 2011.

16. Retained Earnings

Retained earnings as of September 30, 2023 and December 31, 2022, consist of:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Legal reserve ¹	259,302	246,609
Discretionary reserve	5,504,430	4,539,499
Unappropriated retained earnings ²	1,783,844	1,104,629
Total	7,547,576	5,890,737

¹ The Commercial Code of the Republic of Korea requires the Company to appropriate, as a legal reserve, an amount equal to a minimum of 10% of cash dividends paid until such reserve equals 50% of its issued share capital. The reserve is not available for the payment of cash dividends, but may be transferred to share capital or used to reduce accumulated deficit.

² Dividend for the year ended December 31, 2022 of \forall 126,905 million was approved at the annual general meeting held on March 27, 2023, and paid in April 2023 (2022 payments: \forall 153,915 million).

17. Accumulated Other Comprehensive Income (Loss)

Accumulated other comprehensive income (loss) as of September 30, 2023 and December 31, 2022, consists of:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Cash flow hedge	46,369	48,811
Financial assets at fair value through other _comprehensive income (loss)	(9,179)	(10,048)
Total	37,190	38,763

18. Other Components of Equity

Other components of equity as of September 30, 2023 and December 31, 2022, consist of:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Treasury shares ¹	(44,893)	(44,893)
Consideration for conversion rights	9,891	9,891
Gain on disposal of treasury shares	2,183	2,183
Total	(32,819)	(32,819)

¹ The Company has treasury shares consisting of 763,176 ordinary shares (December 31, 2022: 763,176 shares) and 4,693 preferred shares (December 31, 2022: 4,693 shares) at the end of the reporting period. The Company intends to either grant these treasury shares to employees and directors as compensation or to sell them in the future.

19. Net Sales

(a) Details of net sales for the three-month and nine-month periods ended September 30, 2023 and 2022, are as follows:

	202	2023		2022	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months	
Continuing operations Revenue from contracts with customers:					
Sales of goods	6,743,335	20,343,690	6,333,393	19,518,792	
Rendering of services and others	418,054	1,086,978	352,984	1,981,622	
Subtotal	7,161,389	21,430,668	6,686,377	21,500,414	
Revenue from other sources:					
Rental income and others	251,362	684,548	185,255	562,464	
Subtotal	7,412,751	22,115,216	6,871,632	22,062,878	
Discontinued operations	31	413	21,770	150,620	
Total	7,412,782	22,115,629	6,893,402	22,213,498	

(b) Details of revenue from contracts with customers for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
By type of products: Refrigerator/ washing machine/ air conditioner and others	12,136,852	11,553,102
TV/AV and others	2,623,652	2,963,681
In-vehicle infotainment and others	3,082,124	2,644,932
Monitor/PC and others	1,976,416	2,091,697
Others ¹	1,611,624	2,247,002
Domestic/Export:		
Domestic	7,871,221	7,940,779
Export	13,559,447	13,559,635
Timing of transfer:		
Transferred at a point in time	18,786,892	19,212,548
Transferred over time	2,643,776	2,287,866
Total	21,430,668	21,500,414

¹ Others include equipment production, inter-segment transactions and others.

(c) Changes in the estimates of total contract revenue and total contract costs

Due to the factors causing the changes in the costs of other segments during the nine-month period ended September 30, 2023, the estimated total contract revenue and costs for contracts in progress have changed. Details of changes in estimated total contract revenue and costs and the impact on profit or loss for the nine-month period ended September 30, 2023 and the succeeding periods are as follows:

(in millions of Korean won)	Changes in estimated total contract revenue	Changes in estimated total contract cost	Impact on profit or loss for the period ended September 30, 2023	Impact on profit or loss for the succeeding periods
	Tevenue	contract cost	2023	perious
Other segments	66,261	73,367	(8,303)	1,197

20. Expenses by Nature

Expenses that are recorded by nature for the three-month and nine-month periods ended September 30, 2023 and 2022, consist of:

	202	23	202	22
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Continuing operations				
Changes in finished goods and work-in-process	(69,909)	(15,025)	18,288	7,489
Raw materials and merchandise used	4,023,053	11,753,765	3,795,992	11,057,379
Employee benefit expense	1,156,249	3,476,399	1,085,204	3,693,852
Depreciation and amortization	259,280	807,202	263,033	795,893
Advertising expense	217,892	528,573	179,076	464,646
Promotion expense	36,074	109,183	33,293	107,239
Freight expense	186,301	621,025	374,444	1,195,128
Commission expense	622,788	1,765,857	552,283	1,586,887
Other expenses	596,597	2,071,526	800,450	2,337,150
Subtotal ¹	7,028,325	21,118,505	7,102,063	21,245,663
Discontinued operations	143	(130)	57,513	357,954
Total	7,028,468	21,118,375	7,159,576	21,603,617

¹ Cost of sales, selling and marketing expenses, administrative expenses, research and development expenses and service costs are included.

21. General Operating Expenses (Selling and Marketing Expenses, Administrative Expenses, Research and Development Expenses, and Service Costs)

Details of general operating expenses for the three-month and nine-month periods ended September 30, 2023 and 2022, are as follows:

	20)23	2022	
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Continuing operations				
Salaries	433,823	1,274,350	403,718	1,214,118
Post-employment benefits	51,671	160,983	42,010	245,928
Employee welfare benefits	85,736	244,322	74,487	263,738
Freight expense	182,964	612,053	369,254	1,179,165
Rental expense	8,524	25,533	6,349	22,459
Commission expense	475,724	1,348,627	419,703	1,195,785
Depreciation	41,031	121,059	38,733	115,101
Amortization	26,415	76,734	23,887	70,116
Advertising expense	217,892	528,573	179,076	464,646
Promotional expense	36,074	109,183	33,293	107,239
R&D expense	85,175	214,391	84,711	194,405
Direct service costs	33,368	242,562	159,785	239,657
Bad debts expense	2,499	5,186	1,469	3,127
Others	63,963	209,296	70,381	202,364
Subtotal	1,744,859	5,172,852	1,906,856	5,517,848
Discontinued operations	105	851	17,120	145,075
Total	1,744,964	5,173,703	1,923,976	5,662,923

22. Financial Income

Financial income for the three-month and nine-month periods ended September 30, 2023 and 2022, consists of:

(in millions of Korean won)	2023		2022	
	Three months	Nine months	Three months	Nine months
Continuing operations				
Interest income	36,378	80,994	10,078	21,793
Exchange differences	123,704	441,345	131,750	311,904
Others	2,284	3,190	986	1,917
Subtotal	162,366	525,529	142,814	335,614
Discontinued operations	-	-	-	1,921
Total	162,366	525,529	142,814	337,535

23. Financial Expenses

Financial expenses for the three-month and nine-month periods ended September 30, 2023 and 2022, consist of:

	2023		2022		
(in millions of Korean won)	Three months	Nine months	Three months	Nine months	
Continuing operations					
Interest expense	78,699	220,443	55,366	149,560	
Exchange differences	101,245	414,281	69,156	209,360	
Loss on disposal of trade receivables	152	523	377	996	
Others	7,669	21,350	1,385	2,614	
Subtotal	187,765	656,597	126,284	362,530	
Discontinued operations	-	-	-	15,208	
Total	187,765	656,597	126,284	377,738	

24. Other Non-operating Income

Other non-operating income for the three-month and nine-month periods ended September 30, 2023 and 2022, consists of:

	202	23	202	22
(in millions of Korean won)	Three months	Nine months	Three months	Nine months
Continuing operations				
Dividend income	404,927	1,382,057	15,940	406,064
Exchange differences	225,535	791,181	513,919	1,087,496
Gain on valuation of derivatives	722	1,093	663	14,504
Gain on disposal of property, plant and equipment	2,064	4,363	1,348	5,393
Gain on disposal of intangible assets	338	338	120	17,141
Gain on disposal of assets held for sale	-	-	-	182,423
Gain on disposal of investments in subsidiaries, associates and joint ventures	-	-	281	281
Gain on valuation of financial assets at fair value through profit or loss	-		11,485	11,485
Others	3,508	20,657	1,914	1,933
Subtotal	637,094	2,199,689	545,670	1,726,720
Discontinued operations	24	105	80,263	94,736
Total	637,118	2,199,794	625,933	1,821,456

25. Other Non-operating Expenses

Other non-operating expenses for the three-month and nine-month periods ended September 30, 2023 and 2022, consist of:

	2023		2022		
(in millions of Korean won)	Three months	Nine months	Three months	Nine months	
Continuing operations					
Exchange differences	254,305	815,281	548,800	1,112,076	
Loss on valuation of derivatives	-	3,443	4,150	39,288	
Loss on disposal of property, plant and equipment	32	944	3,158	5,199	
Impairment loss on property, plant and equipment	4,768	14,843	2,812	14,960	
Loss on disposal of intangible assets	12,699	35,502	4,903	15,907	
Impairment loss on intangible assets	429	1,591	2,161	25,360	
Loss on disposal of assets held for sale	-	-	-	106	
Loss on valuation of financial assets at fair value through profit or loss	-	17	-	250	
Others	52,007	94,973	10,945	23,651	
Subtotal	324,240	966,594	576,929	1,236,797	
Discontinued operations	89	121	915	98,918	
Total	324,329	966,715	577,844	1,335,715	

26. Earnings (Losses) per Share

The Company has no potential dilutive ordinary shares. Accordingly, basic earnings (losses) per share is identical to diluted earnings (losses) per share.

(a) Basic earnings (losses) per ordinary share for the three-month and nine-month periods ended September 30, 2023 and 2022, is as follows:

	2023		2022	
	Three months	Nine months	Three months	Nine months
Profit (loss) attributable to ordinary shares (in millions of Korean won)	510,630	1,591,591	(114,816)	757,717
Continuing operations	510,749	1,591,235	(143,611)	906,164
Discontinued operations	(119)	356	28,795	(148,447)
Weighted average number of ordinary shares outstanding (unit: shares)	162,884,638	162,884,638	162,884,638	162,884,638
Basic earnings (losses) per ordinary share (in Korean won)	3,135	9,771	(705)	4,652
Continuing operations	3,136	9,769	(882)	5,563
Discontinued operations	(1)	2	177	(911)

(b) Basic earnings (losses) per preferred share for the three-month and nine-month periods ended September 30, 2023 and 2022, is as follows

	2023		2022	
	Three months	Nine months	Three months	Nine months
Profit (loss) attributable to preferred shares (in millions of Korean won)	54,077	168,528	(11,895)	80,570
Continuing operations	54,089	168,490	(14,933)	96,228
Discontinued operations	(12)	38	3,038	(15,658)
Weighted average number of preferred shares outstanding <i>(unit: shares)</i>	17,181,299	17,181,299	17,181,299	17,181,299
Basic earnings (losses) per preferred share (in Korean won)	3,148	9,809	(692)	4,690
Continuing operations	3,149	9,807	(869)	5,601
Discontinued operations	(1)	2	177	(911)

27. Cash Flow Information

Cash flows from operating activities are presented using the indirect method. Details of cash generated from (used in) operations for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(a) Cash generated from (used in) operations

(in millions of Korean won)	2023	2022
Profit (Loss) for the period	1,760,119	838,287
Adjustments:		
Interest expense, net	139,449	127,767
Exchange differences, net	76,630	35,783
Depreciation	486,772	494,108
Amortization	322,519	302,887
Loss (Gain) on disposal of property, plant and equipment and intangible assets, net	31,745	(1,428)
Provisions for severance benefits	195,343	235,307
Additional provisions, net	591,954	321,553
Dividend income	(1,382,057)	(406,064)
Income tax expense	339,013	277,830
Loss (Gain) on disposal of investments in subsidiaries, associates and joint ventures, net	-	(281)
Others	37,831	(95,087)
Discontinued operations	(484)	46,093
	838,715	1,338,468
Changes in operating assets and liabilities		
Decrease (Increase) in trade receivables	(1,929,428)	(578,511)
Decrease (Increase) in other receivables	(156,091)	573,562
Decrease (Increase) in inventories	23,887	(86,568)
Decrease (Increase) in contract assets	(301,067)	(89,876)
Decrease (Increase) in other assets	127,520	(107,879)
Increase (Decrease) in trade payables	861,192	231,458
Increase (Decrease) in other payables	(269,711)	(334,591)
Increase (Decrease) in provisions	(994,413)	(1,504,309)
Increase (Decrease) in contract liabilities	120,704	74,133
Increase (Decrease) in other liabilities	290,737	(186,705)
Payment of defined benefit liability	(10,900)	(14,515)
Deposit in plan assets, net	(92,552)	-
	(2,330,122)	(2,023,801)
Cash generated from (used in) operations	268,712	152,954

(b) Changes in liabilities from financing activities

			202	3		
		Net cash	Effe	cts of other cha	anges	
		flows from		Exchange		At
(in millions of Korean won)	At January 1	financing activities	Additions	differences (profit/loss)	Amortization and others	September 30
Borrowings	3,090,435	844,231	-	105,606	-	4,040,272
Debentures	4,455,595	656,879	-	32,091	1,741	5,146,306
Lease liabilities	116,509	(55,549)	15,408	117	541	77,026
Total	7,662,539	1,445,561	15,408	137,814	2,282	9,263,604

			202	2		
		Net cash	Effe	cts of other cha	anges	
(in millions of Korean won)	At January 1	flows from financing activities	Additions	Exchange differences (profit/loss)	Amortization and others	At September 30
Borrowings	2,579,101	353,959	-	150,978	-	3,084,038
Debentures	5,044,160	(505,520)	-	66,986	1,756	4,607,382
Lease liabilities	119,620	(61,657)	39,701	337	220	98,221
Total	7,742,881	(213,218)	39,701	218,301	1,976	7,789,641

(c) Significant non-cash transactions

(in millions of Korean won)	2023	2022
Reclassification of construction-in-progress to property, plant and equipment	92,123	82,730
Reclassification of construction-in-progress to intangible assets	169,727	210,610
Reclassification of current portion of borrowings	957,587	672,655
Other payables to acquire property, plant and equipment	37,474	42,684
Other payables to acquire intangible assets	10,887	15,934
Acquisition of right-of-use assets	24,903	43,852

- (d) Assets and liabilities arising from the transfer of business
 - Transfer of in-vehicle wireless charging business
 - i) On October 4, 2022, in-vehicle wireless charging business was transferred to BH EVS CO., LTD.
 - ii) Total consideration received and the assets and liabilities of the transferred business are as follows:

(in millions of Korean won)	Amount
Total consideration:	
Cash and cash equivalents	116,696
Deposits held by financial institutions	20,000
Other payables	(18,745)
Other liabilities	(10,000)
Subtotal	107,951
Assets of the transferred business:	
Property, plant and equipment	57
Intangible assets	12,207
Contract assets	1,677
Subtotal	13,941

28. Contingencies

(a) At the end of the reporting period, the Company is provided with performance guarantees of ₩347,311 million (December 31, 2022: ₩321,191 million) from Seoul Guarantee Insurance and others relating to the performance guarantees. The Company was also provided with guarantee of principal amounting to EUR 100 million and interests from Shinhan Bank for the guaranteed private placement bonds, and it has been terminated as of September 30, 2023.

(b) At the end of the reporting period, the financial guarantees provided by the Company to related parties amount to \forall 4,069,699 million (December 31, 2022: \forall 3,885,483 million) on the indebtedness of its subsidiaries. Details are as follows:

(in millions of Korean won)	Beneficiaries	September 30, 2023 ¹	December 31, 2022 ¹
LG Electronics European Shared Service Center B.V.(LGESC)	Citibank and others	876,467	899,851
LG Electronics U.S.A., Inc.(LGEUS)	Citibank and others	638,780	601,968
LG Electronics do Brasil Ltda.(LGEBR)	Chubb and others	456,314	515,655
LG Electronics (China) Co., Ltd(LGECH)	Citibank and others	310,439	297,145
LG Electronics Mexico S.A. DE C.V.(LGEMS)	Scotiabank and others	290,436	252,479
ZKW Group GmbH	The Export-Import Bank of Korea	284,344	270,240
LG Electronics Peru S.A.(LGEPR)	Scotiabank and others	210,348	197,674
LG Electronics Mlawa Sp. z.O.O.(LGEMA), LG Electronics Polska Sp. Z.O.O.(LGEPL), LG Electronics Wroclaw Sp. z.O.O.(LGEWR)	Citibank and others	175,962	165,718
LG Electronics Inc Chile Limitada(LGECL)	Scotiabank and others	106,134	104,600
LG Electronics Morocco S.A.R.L.(LGEMC)	Citibank and others	100,801	93,262
LG Electronics Algeria SARL(LGEAS)	Citibank and others	94,501	89,026
LG Electronics Colombia Limitada(LGECB)	Citibank and others	82,418	64,935
LG Electronics Vehicle Components Europe GmbH(LGEVG)	SMBC and others	78,195	-
LG Electronics Almaty Kazakhstan Limited Liability Partnership(LGEAK)	Citibank and others	53,792	50,692
LG Electronics Saudi Arabia LLC(LGESJ)	JPM and others	53,774	-
LG Electronics (M) Sdn. Bhd(LGEML)	Citibank	40,401	38,076
LG Electronics Mlawa Sp. z.O.O.(LGEMA)	ING	35,543	33,780
LG Electronics Egypt S.A.E(LGEEG)	Credit Agricole and others	32,835	38,648
LG Electronics Ticaret A.S.(LGETK)	Citibank and others	31,814	32,118
LG Electronics Italia S.P.A.(LGEIS)	Intesa	28,434	27,024
PT.LGE Indonesia Research and Development Center (LGERC)	Citibank and others	25,551	-
LG Electronics S.A. (Pty) Ltd.(LGESA)	Citibank and others	25,158	26,692
Others	Citibank and others	37,258	85,900
Total		4,069,699	3,885,483

- ¹ This is the amount for which a payment guarantee is provided, and in some cases, an agreement is made to pay including incidental expenses incurred in the performance of guarantee obligations.
- (c) At the end of the reporting period, the Company is providing Hana Bank with a subrogation payment obligation for customers up to ₩46,000 million (December 31, 2022: ₩46,000 million).
- (d) The Company has a joint guarantee obligation for the debt amount as of July 1, 2021, the date of split-off of LG Magna e-Powertrain Co. ,Ltd., a newly established company.
- (e) There are a number of legal actions, disputes and investigations arising from the normal course of business that remain pending at the end of the reporting period. The ultimate effect of those lawsuits on the financial position of the Company cannot reflect a reasonable expectation. Management does not expect the outcome of the litigations will have a material effect on the Company's financial position.

29. Commitments

(a) At the end of the reporting period, the Company has borrowing agreements, such as overdraft facility agreements, trade financing and others, with various banks, including Shinhan Bank, with a limit of \forall 860,496 million (December 31, 2022: \forall 849,259 million).

(b) At the end of the reporting period, the Company has sales agreements for receivables with various banks including KEB Hana Bank amounting to $\frac{1}{2}$,794,604 million (December 31, 2022: $\frac{1}{2}$,777,572 million).

(c) At the end of the reporting period, the Company has corporate electronic settlement services contracts and vendor prepayment services contracts with various banks including Shinhan Bank for up to #1,160,000 million (December 31, 2022: #1,160,000 million) in connection with the payment of trade payables.

(d) Contractual commitments for the acquisition of assets

Assets contracted for, but not yet acquired at the end of the reporting period, are as follows:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Property, plant and equipment	248,952	248,722
Intangible assets	39,651	27,255
Investments in subsidiaries, associates and joint ventures	80,684	108,816
Total	369,287	384,793

The Company agreed to tender offers based on fair value at a certain time in relation to the shares of Cybellum Technologies Ltd. and the shares to be issued by the exercise of stock options. At the end of the reporting period, the Company recognized this commitment as 'other financial liabilities' (Note 6).

(e) Operating lease commitments - the Company as a lessor

i) The Company has non-cancellable operating lease agreements regarding home appliance rental business and real estate rental business. The future aggregate lease receipts under operating leases at the end of the reporting period, are as follows:

(in millions of Korean won)		September 30, 2023										
	Within 1				Over	Total lease						
	year	1 to 2 years	2 to 3 years	3 to 4 years	4 years	payments						
Home appliance rental	242,406	121,201	47,221	6,905	-	417,733						
Real estate rental	4,524	4,524	4,524	4,516	1,212	19,300						
Total	246,930	125,725	51,745	11,421	1,212	437,033						

- ii) The Company recognized ₩362,689 million (September 30, 2022: ₩446,002 million) in lease income for the nine-month period ended September 30, 2023.
- (f) Financial lease commitments the Company as a lessor
 - i) Gross investment in the lease and present value of the minimum lease payments for the financial lease as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September	[.] 30, 2023	December 31, 2022			
	Gross investment in the lease ¹	Net investment in the lease	Gross investment in the lease ¹	Net investment in the lease		
Within one year	97,708	69,952	34,637	25,550		
Between 1 and 2 years	100,145	77,239	35,114	27,598		
Between 2 and 3 years	96,356	78,553	34,604	28,766		
Between 3 and 4 years	99,820	87,453	33,999	29,881		
Later than 4 years	150,826	142,554	55,174	52,466		
Total	544,855	455,751	193,528	164,261		

¹ There are no remaining useful life without guarantee reflected on gross investment in the lease.

ii) Unrealized interest income of financial lease as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September 30, 2023	December 31, 2022
Gross investment in the lease	544,855	193,528
Net investment in the lease	455,751	164,261
Unrealized interest income	89,104	29,267

iii) For the nine-month period ended September 30, 2023, the Company recognized income amounting to ₩311,697 million (September 30, 2022: ₩102,866 million) in relation to financial lease contract, and financial income net investment in the lease amounting to ₩13,764 million (September 30, 2022: ₩2,917 million) is included.

(g) License agreements including patent and trademark

At the end of the reporting period, the Company has various agreements as follows:

Purpose	Related products	Provided by	Used by
Use of license	All products	Qualcomm Incorporated and others	LG Electronics Inc.
Provision for license	All products	LG Electronics Inc.	Panasonic Corporation and others
Use of trademarks	All products	LG Corp.	LG Electronics Inc.

30. Related Party

- (a) Major transactions for the nine-month periods ended September 30, 2023 and 2022, and balances of receivables and payables from transaction with related parties as of September 30, 2023 and December 31, 2022, are as follows:
 - i) Major income and expense transactions with related parties

(in millions of Ke	orean won)			20	023		
		Inco	me transacti	ons	Expe	nse transacti	ons
Classification	Name	Sales	Others	Total	Purchases	Others ⁴	Total
Significantly influencing the Company	LG Corp.	2,616	-	2,616	-	98,005	98,005
Subsidiaries	LG Innotek Co., Ltd.	244,204	9,577	253,781	62,809	841	63,650
	Hiplaza Co., Ltd.	1,245,383	10,179	1,255,562	15,126	14,349	29,475
	LG Electronics U.S.A., Inc.	4,145,595	15,391	4,160,986	7,187	75,133	82,320
	LG Electronics Vietnam Hai Phong Co., Ltd	1,662,107	224	1,662,331	105,203	17,213	122,416
	LG Electronics Mlawa Sp. z.O.O.	666,176	79	666,255	2,349	5,455	7,804
	LG Electronics Canada, Inc.	456,501	14	456,515	1	12,391	12,392
	LG Electronics European Shared Service Center B.V.	320,326	1,612	321,938	3,605	26,974	30,579
	LG Electronics Nanjing New Technology co.,LTD	299,529	327	299,856	501,602	559	502,161
	LG Electronis Reynosa, S.A. De C.V.	199,323	66	199,389	957	2,096	3,053
	LG Electronics Vehicle Components Europe GmbH	137,511	11,162	148,673	97,639	75,245	172,884
	LG ELECTRONICS INDIA PRIVATE LIMITED	233,655	33,689	267,344	5,219	3,415	8,634
	LG ELECTRONICS AUSTRALIA PTY LIMITED	159,406	57	159,463	159	3,415	3,574
	LG Electronics Nanjing Vehicle Components Co.,Ltd.	156,670	-	156,670	7,012	2,365	9,377
	LG Electronics do Brasil Ltda.	145,396	124	145,520	1,450	2,304	3,754
	P.T. LG Electronics Indonesia	172,267	2,672	174,939	374,360	691	375,051
	LG Electronics Vehicle Components U.S.A., LLC.	181,759	11,438	193,197	4,674	48,338	53,012

(in millions of Ko	orean won))23		
			me transact	ions		nse transact	ions
Classification	Name	Sales	Others	Total	Purchases	Others ⁴	Total
	LG Electronics Mexico S.A. DE C.V.	291,922	262	292,184	-	2,325	2,325
	LG Electronics RUS, LLC	51,206	1,334	52,540	305	2,969	3,274
	LG Electronics (Tianjin) Appliances Co., Ltd.	121,369	91	121,460	451,244	565	451,809
	LG Electronics U.K. Ltd	130,673	50	130,723	5,482	11,651	17,133
	Taizhou LG Electronics Refrigeration Co., Ltd.	67,203	3,105	70,308	256,022	476	256,498
	LG Electronics Almaty Kazakhstan	87,120	174	87,294	-	480	480
	LG Electronics Colombia Ltda.	31,457	79	31,536	-	464	464
	Hi-Caresolution Corp	34,652	-	34,652	197,237	38,732	235,969
	Others	2,443,036	91,685	2,534,721	273,463	522,808	796,271
	Subtotal	13,684,446	193,391	13,877,837	2,373,105	871,254	3,244,359
Associates	LG Display Co., Ltd. and its subsidiaries	309,143	91,417	400,560	165,823	3,115	168,938
	Hitachi-LG Data Storage Inc. (HLDS) and its subsidiaries	181	-	181	181 38,055 180	38,235	
	Robostar Co., Ltd. and its subsidiaries	7	-	7	14,051	1,075	15,126
	ROBOTIS Co., Ltd.	-	-	-	-	15	15
	Acryl Inc.	-	-	-	-	1,640	1,640
	SideChef Group Limited	<u> </u>	-			- 1,193	1,193
	Subtotal	309,331	91,417	400,748	217,929	7,218	225,147
Joint ventures	LG-LHT Passenger Solution GmbH	495	-	495		-	
Other related parties	LG CNS Co., Ltd. and its subsidiaries	87,632	2,412	90,044	73,952	339,206	413,158
	D&O Corp. and its subsidiaries	22	-	22	-	11,135	11,135
	LG Management Development Institute	33	-	33	141	47,589	47,730
	LG SPORTS Ltd.	5	16	21	-	12,503	12,503
	LG-MRI LLC	15,853	-	15,853			
	Subtotal	103,545	2,428	105,973	74,093	410,433	484,526
Others ¹	LG Chem Ltd., its subsidiaries and joint ventures	785,879	34,576	820,455	213,470	17	213,487
	LG Uplus Corp and its subsidiaries	17,974	1,846	19,820	4,728	1,890	6,618
	LG HOUSEHOLD & HEALTH CARE LTD and its	625	1,686	2,311	-	37	37
	subsidiaries HS Ad Inc. and its subsidiaries ³	104	-	104	54	188,784	188,838
	XI C&A Co., Ltd. and its subsidiaries	15,118	-	15,118	-	15,191	15,191
	S&I Corp. and its subsidiaries	2,252	-	2,252	447	72,230	72,677
	Subtotal	821,952	38,108	860,060	218,699	278,149	496,848
	Total	14,922,385	325,344		2,883,826	1,665,059	4,548,885

(in millions of K	orean won)			20)22		
		Inco	me transact	ions	Expe	nse transact	ions
Classification	Name	Sales	Others	Total	Purchases	Others ⁴	Total
Significantly influencing the Company	LG Corp.	386	-	386	-	103,066	103,066
Subsidiaries	LG Innotek Co., Ltd.	176,991	12,557	189,548	83,041	866	83,907
	Hiplaza Co., Ltd.	1,425,944	11,133	1,437,077	6,842	12,245	19,087
	LG Electronics U.S.A., Inc.	4,342,798	10,950	4,353,748	4,571	57,462	62,033
	LG Electronics Vietnam Hai Phong Co., Ltd	1,170,822	712	1,171,534	134,364	47,373	181,737
	LG Electronics Mlawa Sp. z.O.O.	574,797	2,818	577,615	2,097	1,515	3,612
	LG Electronics Canada, Inc.	608,016	21	608,037	-	10,321	10,321
	LG Electronics European Shared Service Center B.V.	364,629	1,417	366,046	272	23,677	23,949
	LG Electronics Nanjing New Technology co.,LTD LG Electronis Reynosa, S.A.	299,566	-	299,566	531,221	1,261	532,482
	De C.V. LG Electronics Vehicle	286,194	603	286,797	1,633	43	1,676
	Components Europe GmbH LG ELECTRONICS INDIA	137,799	79,900	217,699	3,412	61,989	65,401
	PRIVATE LIMITED	237,059	18,419	255,478	530	3,892	4,422
	LG ELECTRONICS AUSTRALIA PTY LIMITED	219,264	10	219,274	-	3,319	3,319
	LG Electronics Nanjing Vehicle Components Co.,Ltd.	202,963	-	202,963	5,397	593	5,990
	LG Electronics do Brasil Ltda.	179,876	1,309	181,185	528	2,163	2,691
	P.T. LG Electronics Indonesia	200,752	529	201,281	442,641	173	442,814
	LG Electronics Vehicle Components U.S.A., LLC. LG Electronics Mexico S.A.	133,074	2,180	135,254	1,341	23,033	24,374
	DE C.V.	121,218	36	121,254	-	593 2,163 173	1,308
	LG Electronics RUS, LLC	93,938	1,707	95,645	-	4,798	4,798
	LG Electronics (Tianjin) Appliances Co., Ltd.	91,349	183	91,532	367,389	1	367,390
	LG Electronics U.K. Ltd	95,246	20	95,266	10,747	12,724	23,471
	Taizhou LG Electronics Refrigeration Co., Ltd.	70,373	7,029	77,402	187,871	1	187,872
	LG Electronics Almaty Kazakhstan	71,016	24	71,040	-	185	185
	LG Electronics Colombia Ltda.	43,709	33	43,742	-	713	713
	Hi-Caresolution Corp	42,486	175	42,661	198,328	29,123	227,451
	Others	2,195,973	68,081	2,264,054	189,660	465,561	655,221
	Subtotal	13,385,852	219,846	13,605,698	2,171,885	764,339	2,936,224
Associates	LG Display Co., Ltd. and its subsidiaries	533,771	51,104	584,875	167,674	984	168,658
	Hitachi-LG Data Storage Inc.(HLDS) and its	306	-	306	33,550	14,081	47,631

Ro su RC <u>Ac</u> <u>Su</u> Other related LG parties su D& su	Name ubsidiaries obostar Co., Ltd. and its ubsidiaries OBOTIS Co., Ltd. cryl Inc. ubtotal G CNS Co., Ltd. And its ubsidiaries &O Corp. and its ubsidiaries G Management	Sales 55 - 534,132 102,508	me transact Others - - 51,104 536	ions Total 55 - 585,236	Experimentary Ex	Others 4 565 2 1,123 16,755	ons Total 14,656 2 1,123
Su Ro Su RC Ac Ac Su Other related LG parties Su D& Su	ubsidiaries obostar Co., Ltd. and its ubsidiaries OBOTIS Co., Ltd. cryl Inc. ubtotal G CNS Co., Ltd. And its ubsidiaries &O Corp. and its ubsidiaries	55 - - 534,132 102,508	- - 51,104	55	14,091	565 2 1,123	14,656 2
Ro su RC <u>Ac</u> <u>Su</u> Other related LG parties su D& su	bbostar Co., Ltd. and its ubsidiaries DBOTIS Co., Ltd. cryl Inc. ubtotal G CNS Co., Ltd. And its ubsidiaries &O Corp. and its ubsidiaries	534,132 102,508		-	- 	2	2
Sturmer Provide a sturmer state stat	ubsidiaries OBOTIS Co., Ltd. cryl Inc. ubtotal G CNS Co., Ltd. And its ubsidiaries &O Corp. and its ubsidiaries	534,132 102,508		-	- 	2	2
Action of the second se	by Inc. ubtotal CNS Co., Ltd. And its ubsidiaries &O Corp. and its ubsidiaries	102,508		- - 585,236	- 	1,123	
Other related LG parties Su D& Su	ubtotal G CNS Co., Ltd. And its ubsidiaries &O Corp. and its ubsidiaries	102,508		585,236	215,315		1,123
Other related LG parties su D& su	G CNS Co., Ltd. And its ubsidiaries &O Corp. and its ubsidiaries	102,508		585,236	215,315	16 755	
parties sເ D& ຣເ	ubsidiaries &O Corp. and its ubsidiaries		536			10,700	232,070
SU	ubsidiaries			103,044	92,772	282,934	375,706
	- Management	745	186	931	1,470	5 37,844 0 9,704 7 356,199 7 77	27,187
D	Development Institute	24	-	24	45		37,889
LG	G SPORTS Ltd.	4	21	25	280	9,704	9,984
Su	ubtotal	103,281	743	104,024	94,567	356,199	450,766
Others ¹ s	LG Chem Ltd., its ers ¹ subsidiaries and joint 345,824 ventures	2,352	348,176	237,237	77	237,314	
a	X INTERNATIONAL CORP and its subsidiaries ²	4,993	1,179	6,172	165,921		1,140,926
S	G Uplus Corp and its subsidiaries	2,349	9	2,358	2,552	275	2,827
	X HAUSYS,LTD., its subsidiaries and associates ²	2,077	77	2,154	1,670	385	2,055
	X Semicon Co., Ltd. ²	1,410	2,012	3,422	6,490	19	6,509
Н	G HOUSEHOLD & HEALTH CARE LTD and its subsidiaries	1,924	1	1,925	16	26	42
_	ⅡR Inc. and its subsidiaries ³	1,193	-	1,193	4	148,500	148,504
LX	X MMA Corporation ²	5	-	5	-	-	-
XI	I C&A Co., Ltd.	2,857	20	2,877	-	29,799	29,799
S8	&I Corp.	2,052	-	2,052	255	38,259	38,514
Su	ubtotal	364,684	5,650	370,334	414,145	1,192,345	1,606,490
	Total	14,388,335	277,343	14,665,678	2,895,912	2,432,704	5,328,616

¹ Although the entities are not the related parties of the Company in accordance with Korean IFRS 1024, the entities belong to the Large Enterprise Group to which the Company also belongs in accordance with the Monopoly Regulation and Fair Trade Act.

² LX Holdings Corp. and its affiliates are separated from the corporate group in accordance with independent management on June 21, 2022.

⁴ Others include acquisition amount of right-of-use assets and interest expense of lease liabilities.

³ 'GIIR Inc.' merged with its subsidiaries 'HS Ad Inc.' and 'LBEST Inc.' and changed its name to 'HS Ad Inc.' on July 1, 2023.

ii) The balances of receivables from and payables to related parties

(in millions of K	(orean won)				September	30, 2023			
			Recei	vables			Payal		
Classification	Name	Trade receivables	Loans	Other receivables	Total	Trade payables	Borrowings	Other payables ³	Total
Significantly influencing the Company	LG Corp.	729	-	26,769	27,498	-	-	10,516	10,516
Subsidiaries	LG Innotek Co., Ltd.	91,498	-	47,278	138,776	24,087	-	14,872	38,959
	Hiplaza Co., Ltd.	176,809	-	31,048	207,857	-	-	335	335
	LG Electronics U.S.A., Inc.	425,645	-	-	425,645	-	739,640	19,086	758,726
	LG Electronics Vietnam Hai Phong Co., Ltd	436,974	-	13	436,987	771,834	-	2,122	773,956
	LG Electronics Mlawa Sp. z.O.O.	130,970	-	3	130,973	679,449	-	1,090	680,539
	LG Electronics Canada, Inc.	67,517	-	-	67,517	-	-	1,425	1,425
	LG Electronics European Shared Service Center B.V.	25,297	-	-	25,297	-	-	-	-
	LG Electronics Nanjing New Technology co.,LTD	99,008	-	124	99,132	416,708	-	144	416,852
	LG Electronis Reynosa, S.A. De C.V.	26,832	-	-	26,832	206,177	-	97	206,274
	LG Electronics Vehicle Components Europe GmbH	579,482	-	89,257	668,739	-	-	19,176	19,176
	LG ELECTRONICS INDIA PRIVATE LIMITED	71,757	-	194	71,951	1,894	-	615	2,509
	LG ELECTRONICS AUSTRALIA PTY LIMITED	21,999	-	-	21,999	-	-	481	481
	LG Electronics Nanjing Vehicle Components Co.,Ltd.	52,960	-	15,116	68,076	32,929	-	1,321	34,250
	LG Electronics do Brasil Ltda.	49,319	-	12	49,331	887	-	373	1,260
	P.T. LG Electronics Indonesia	18,027	-	549	18,576	569,358	-	5	569,363
	LG Electronics Vehicle Components U.S.A., LLC.	218,997	-	690	219,687	-	-	6,226	6,226
	LG Electronics Mexico S.A. DE C.V.	314,918	-	-	314,918	-	-	344	344
	LG Electronics RUS, LLC	61,649	-	94,156	155,805	-	-	307	307
	LG Electronics (Tianjin) Appliances Co., Ltd.	31,181	-	91	31,272	228,778	-	78	228,856
	LG Electronics U.K. Ltd	78,517	-	12	78,529	-	-	1,603	1,603
	Taizhou LG Electronics Refrigeration Co., Ltd.	23,272	-	1,265	24,537	258,261	-	55	258,316

	íorean won)		Deert	(ablaa	September	30, 2023	Derre	hlaa	
			Receiv	vables			Paya	bles Other	
Classification	Name	Trade receivables	Loans	Other receivables	Total	Trade payables	Borrowings	payables	Total
	LG Electronics Almaty Kazakhstan	54,848	-	121	54,969	-	-	67	67
	LG Electronics Colombia Ltda.	57,980	-	39	58,019	-	-	34	34
	Hi-Caresolution Corp	7,675	-	-	7,675	-	-	27,306	27,306
	Others	1,142,447	-	110,522	1,252,969	841,907	-	150,206	992,113
	Subtotal	4,265,578	-	390,490	4,656,068	4,032,269	739,640	247,368	5,019,277
Associates	LG Display Co., Ltd. and its subsidiaries	126,918	1,000,000	72,919	1,199,837	48,458	-	55,219	103,677
	Hitachi-LG Data Storage Inc. and its subsidiaries	-	-	3	3	35,230	-	-	35,230
	Robostar Co., Ltd. and its subsidiaries			-		9		9,939	9,948
	Subtotal	126,918	1,000,000	72,922	1,199,840	83,697	-	65,158	148,855
Other related parties	LG CNS Co., Ltd. and its subsidiaries	29,507	-	240	29,747	3,828	-	133,677	137,505
	D&O Corp. and its subsidiaries	1	-	-	1	-	-	4,643	4,643
	LG Management Development Institute	5	-	-	5	-	-	1,293	1,293
	LG SPORTS Ltd.	-	-	-	-	-	-	706	706
	LG-MRI LLC	3,995	-	-	3,995	-	-	-	-
	Subtotal	33,508	-	240	33,748	3,828	-	140,319	144,147
Others ¹	LG Chem Ltd., its subsidiaries and joint ventures	223,589		297,666	521,255	95,665		52,718	148,383
	LG Uplus Corp and its subsidiaries	2	-	232	234	634	-	725	1,359
	LG HOUSEHOLD & HEALTH CARE LTD and its subsidiaries	61	-	193	254	-	-	77	77
	HS Ad Inc. and its subsidiaries ²	29	-	-	29	-	-	172,726	172,726
	XI C&A Co., Ltd. and its subsidiaries	7,653	-	1,701	9,354	-	-	13,923	13,923
	S&I Corp. and its subsidiaries	153	-	433	586	10	-	16,488	16,498
	Subtotal	231,487	-	300,225	531,712	96,309	-	256,657	352,966
	Total	4,658,220	1,000,000	790,646	6,448,866	1 216 102	739,640	720,018	5,675,761

			Rece	ivables			Payab	oles	
		Trade		Other		Trade		Other	
Classification	n Name	receivables	Loans	receivables	Total	payables	Borrowings		Total
Significantly influencing the Company	LG Corp.	40	-	25,679	25,719	-	-	36,103	36,103
Subsidiaries	LG Innotek Co., Ltd.	68,885	-	2,594	71,479	19,173	-	40,323	59,496
	Hiplaza Co., Ltd.	161,725	-	31,486	193,211	-	-	738	738
	LG Electronics U.S.A., Inc.	186,946	-	391	187,337	-	-	21,403	21,403
	LG Electronics Vietnam Hai Phong Co., Ltd	242,321	-	46	242,367	441,896	-	5,224	447,120
	LG Electronics Mlawa Sp. z.O.O.	122,867	-	2,029	124,896	963,473	-	85	963,558
	LG Electronics Canada, Inc.	19,915	-	-	19,915	-	-	3,295	3,295
	LG Electronics European Shared Service Center B.V.	52,543	-	-	52,543	-	270,240	1,293	271,533
	LG Electronics Nanjing New Technology co.,LTD	59,015	-	1	59,016	251,558	-	267	251,825
	LG Electronis Reynosa, S.A. De C.V.	25,549	-	593	26,142	280,239	-	345	280,584
	LG Electronics Vehicle Components Europe GmbH	450,231	-	50,246	500,477	-	-	14,859	14,859
	LG ELECTRONICS INDIA PRIVATE LIMITED LG ELECTRONICS	49,088	-	465	49,553	2,067	-	54	2,121
	AUSTRALIA PTY LIMITED	37,919	-	-	37,919	-	-	324	324
	LG Electronics Nanjing Vehicle Components Co.,Ltd.	81,831	-	8,622	90,453	12,436	-	788	13,224
	LG Electronics do Brasil Ltda.	55,802	-	45,810	101,612	166	-	175	341
	P.T. LG Electronics Indonesia	18,299	-	42	18,341	600,451	-	313	600,764
	LG Electronics Vehicle Components U.S.A., LLC.	181,025	-	4,005	185,030	-	-	7,370	7,370
	LG Electronics Mexico S.A. DE C.V.	114,261	-	122	114,383	-	-	167	167
	LG Electronics RUS, LLC	56,453	-	96,728	153,181	-	-	2,774	2,774
	LG Electronics (Tianjin) Appliances Co., Ltd.	19,268	-	52	19,320	192,577	-	235	192,812
	LG Electronics U.K. Ltd Taizhou LG Electronics	49,217 15,562	-	3,515 1,108	52,732 16,670	- 235,284	-	693 47	693 235,331

(in millions of k	Korean won)				Decembe	r 31, 2022			
			Rece	ivables			Payab	les	
		Trade		Other		Trade		Other	
Classification		receivables	Loans	receivables	Total	payables	Borrowings	payables ³	Total
	LG Electronics Almaty Kazakhstan	102,409	-	1	102,410	-	-	11	11
	LG Electronics Colombia Ltda.	56,730	-	66	56,796	-	-	38	38
	Hi-Caresolution Corp	7,065	-	-	7,065	-	-	27,358	27,358
	Others	805,761		46,167	851,928	806,423		165,147	971,570
	Subtotal	3,040,687	-	294,089	3,334,776	3,805,743	270,240	293,326	4,369,309
Associates	LG Display Co., Ltd. and its subsidiaries	90,972	-	86,788	177,760	59,550	-	58,078	117,628
	Hitachi-LG Data Storage Inc. and its subsidiaries	-	-	-	-	48,640	-	2,551	51,191
	Robostar Co., Ltd. and its subsidiaries	81		-	81	1,968	-	14,411	16,379
	Subtotal	91,053		86,788	177,841	110,158		75,040	185,198
Other related parties	LG CNS Co., Ltd. and its subsidiaries	29,344	-	275	29,619	4,128	-	215,754	219,882
	D&O Corp. and its subsidiaries	98	-	-	98	-	-	4,879	4,879
	LG Management Development Institute	4	-	-	4	-	-	- 1,086	1,086
	LG SPORTS Ltd.							1,146	1,146
	Subtotal	29,446		275	29,721	4,128		222,865	226,993
Others ¹	LG Chem Ltd., its subsidiaries and joint ventures	142,886	-	178,691	321,577	97,771	-	105,846	203,617
	LG Uplus Corp and its subsidiaries LG HOUSEHOLD &	173	-	260	433	89	-	266	355
l	HEALTH CARE LTD and its subsidiaries	483	-	71	554	-	-	226	226
	GIIR Inc. and its subsidiaries ²	29	-	-	29	-	-	166,136	166,136
	XI C&A Co., Ltd.	7,719	-	-	7,719	-	-	33,396	33,396
	S&I Corp. and its subsidiaries	1,575			1,575			16,118	16,118
	Subtotal	152,865		179,022	331,887	97,860		321,988	419,848
	Total	3,314,091	-	585,853	3,899,944	4,017,889	270,240	949,322	5,237,451

¹ Although the entities are not the related parties of the Company in accordance with Korean IFRS 1024, the entities belong to the Large Enterprise Group to which the Company also belongs in accordance with the Monopoly Regulation and Fair Trade Act.

² 'GIIR Inc. merged with its subsidiaries 'HS Ad Inc.' and 'LBEST Inc.' and changed its name to 'HS Ad Inc.' on July 1, 2023.

³ Other payables include lease liabilities.

iii) Significant capital transactions and others with related parties for the nine-month periods ended September 30, 2023 and 2022, are as follows:

in millions of Korean won)		Distant		Cash		cing loan sactions		borrowing ctions ¹
Classification	Name	Dividend income	Dividend paid	distribution (reduction)	Loans	Collections	Borrowings	Repayments
Significantly influencing the Company	LG Corp.	-	38,566	-	-	-	-	20,73
Subsidiaries	LG Innotek Co., Ltd.	40,061						
	LG Electronics Fund I							
	LLC	-	-	(2,073)	-	-	-	
	LG Electronics Fund			0.005				
	II LLC	-	-	3,865	-	-	-	
	NOVA Prime Fund I, LP	-	-	8,503	-	-	-	
	LP LG Magna e-							
	Powertrain Co., Ltd. PT.LGE Indonesia	-	-	-	-	-	-	3,63
	Research and	-	-	58,230	-	-	-	
	Development Center							
	LG Electronics U.S.A., Inc.	-	-	-	-	-	706,790	
	LG Electronics							
	European Shared Service Center B.V.	-	-	-	-	-	-	266,94
	NanJing LG-Panda Appliances Co., Ltd.	18,868	-	-	-	-	-	
	LG Electronics	227,920	-	-	-	-	-	
	Thailand Co., Ltd. LG Electronics							
	Huizhou Ltd. LG Electronics Middle	5,381	-	-	-	-	-	
	East Co., Ltd.	12,996	-	-	-	-	-	
	LG Electronics	25,359	-	-	-	-	-	
	Singapore PTE LTD. LG Soft India Private							
	Limited.	13,014	-	-	-	-	-	
	LG Electronics	26.092						
	Nanjing New Technology co.,LTD	26,982	-	-	-	-	-	
	LG Electronics	00 0 7 0						
	(Tianjin) Appliances Co., Ltd.	39,379	-	-	-	-	-	
	LG ELECTRONICS							
	AUSTRALIA PTY	30,174	-	-	-	-	-	
	LIMITED LG Electronics Mlawa							
	Sp. z.O.O.	181,228	-	-	-	-	-	
	P.T. LG Electronics	175,776	-	_	-	-	-	
	Indonesia LG Electronics	110,110						
	Vietnam Hai Phong	39,047	-	-	-	-	-	
	Co., Ltd							
	LG Electronics	66,378	-	-	-	-	-	
	Canada, Inc. LG ELECTRONICS	,						
	INDIA PRIVATE	378,551	-	-	-	-	-	
	LIMITED Taizhou LG							
	Electronics	44,172						
	Refrigeration Co., Ltd.	44,172	-	-	-	-	-	
	LG Electronics do	44.070						
	Brasil Ltda.	44,376	-	-	-	-	-	

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(in millions of I	Korean won)				2023			
		Dividend Dividend		Cash distribution	Financing loan transactions		Financing borrowing transactions ¹	
Classification	Name	income	paid	(reduction)	Loans	Collections	Borrowings	Repayments
	HIEVCHARGER CO., LTD.	-	-	7,200	-	-	-	-
	Subtotal	1,369,662	-	75,725	-	-	706,790	270,584
Associates	LG Display Co., Ltd. ²	-	-	-	1,000,000	-	-	-
	Ericsson-LG Co., Ltd.	11,250	-	-	-	-	-	-
	Subtotal	11,250	-	-	1,000,000	-	-	-
Joint ventures	LG-LHT Aircraft Solutions GmbH		-	8,805	-	-	-	-
	LG-LHT Passenger Solutions GmbH	-	-	10,197	-	-	-	-
	GUANGDONG SMART LIFE TECHNOLOGY CO., LTD.	-	-	320	-	-	-	-
	FITNESSCANDY Co., Ltd.		-	1,377	-	-	-	-
	Subtotal	-	-	20,699	-	-	-	-
Other related parties	LG CNS Co., Ltd.	-	-	-	-	-	-	121
	D&O Corp.	-	-	-	-	-	409	830
	Subtotal	-	-	-	-	-	409	951
	Total	1,380,912	38,566	96,424	1,000,000	-	707,199	292,271

(in millions of Korean won)					2022			
				Cash		cing loan actions) borrowing actions ¹
Classification	Name	Dividend income	Dividend paid	distribution (reduction)	Loans	Collections	Borrowings	Repayments
Significantly influencing the Company	LG Corp.	-	46,830	-	-	-	-	20,760
Subsidiaries	LG Innotek Co., Ltd.	28,960	-		-	-	-	-
	LG Electronics Fund I LLC	-	-	1,202	-	-	-	-
	LG Electronics Fund II LLC	-	-	7,975	-	-	-	-
	LG Electronics RUS, LLC	156,663	-	-	-	-	-	-
	LG Magna e-Powertrain Co. ,Ltd.	-	-	-	-	-	-	4,320
	LG Electronics Nanjing New Technology co.,LTD	24,252	-	-	-	-	-	-
	NanJing LG-Panda Appliances Co., Ltd.	18,574	-	-	-	-	-	-
	LG Electronics Thailand Co., Ltd.	34,104	-	-	-	-	-	-
	LG Electronics Huizhou Ltd.	5,650	-	-	-	-	-	-
	LG ELECTRONICS AUSTRALIA PTY LIMITED	26,757	-	-	-	-	-	-
	LG Electronics European	-	-	-	-	-	266,948	266,948

(in millions of Korean won)

(in millions of Korean won)		2022							
			Dividend	Cash distribution	Financing loan transactions		Financing borrowing transactions ¹		
Classification	Name	income		Collections	Borrowings	Repayments			
	Shared Service Center B.V. LG Electronics Japan, Inc.	13,578	-	-	-	-	-	-	
	LGE INDONESIA RESEARCH AND DEVELOPMENT CENTER	-	-	27,802	-	-	-	-	
	Subtotal	308,538	-	36,979	-	-	266,948	271,268	
Associates	LG Display Co., Ltd.	88,156	-	-	-	-	-	-	
	Ericsson-LG Co., Ltd.	8,250	-	-	-	-	-	-	
	Rinse, INC Mirae Asset-LG Electronics New Growth	- 2,362	-	11,154 18,023	-	-	-	-	
	Fund I								
	Subtotal	98,768	-	29,177	-		-	-	
Joint ventures	LG-LHT Aircraft Solutions GmbH	-	-	9,496	-	-	-	-	
	LG-LHT Passenger Solutions GmbH GUANGDONG SMART	-	-	9,496	-	-	-	-	
	LIFE TECHNOLOGY CO., LTD.	-	-	341	-	-	-	-	
	Subtotal	-	-	19,333	-	-	-	-	
Other related parties	LG CNS Co., Ltd.	-	-		-	-	204	53	
	D&O Corp.	-	-	-	-	-	3,219	163	
	Subtotal	-	-	-	-	-	3,423	216	
	Total	407,306	46,830	85,489	-	-	270,371	292,244	

¹ Financing borrowing transactions include borrowing and repayment of principal elements of lease liabilities.

² At the end of the reporting period, the Company has entered into a loan agreement with LG Display Co., Ltd. for ₩1,000,000 million, and in relation to this loan, the Company has been provided with collateral. At the end of the reporting period, ₩1,000,000 million has been executed and recorded as long-term loans.

(b) The compensation paid or payable to key management personnel for the nine-month periods ended September 30, 2023 and 2022, consists of:

(in millions of Korean won)	2023	2022
Salaries and other short-term benefits	9,833	10,259
Post-employment benefits	1,568	1,160
Other long-term benefits	2	2
Total	11,403	11,421

Key management refers to the directors who have significant control and responsibilities on

the Company's business plans, operations and control.

- (c) The payment guarantees for the financial support of related parties at the end of the reporting period are presented in Note 28.
- (d) There is no collateral provided by the Company for the financial support of related parties at the end of the reporting period.
- (e) The Company has not recognized any bad debt expense or allowance for receivables from related parties at the end of the reporting period.

31. Risk Management

31.1 Financial Risk Management

The Company's financial risk management ("FRM") policy supports each business division to achieve excellent performance solidly and continuously against market risk, credit risk and liquidity risk. In addition, FRM helps the Company to enhance cost competitiveness through cost-efficient financing cost by improving financial structure and effective cash management.

While cooperating with other divisions, Finance Division in the Company mainly implements FRM. This involves setting-up risk management policies and recognizing, evaluating and hedging risks from a global point of view.

The Company mitigates the adverse effects from financial risk by monitoring the risk periodically and updating FRM policy each year.

The carrying amount and profit or loss of each category of financial instruments, and the details of borrowings related to the financial risk management are presented in Note 4 and Note 11, respectively.

- (a) Market risk
 - i) Foreign exchange risk

Due to its multinational business operations, the Company is mainly exposed to foreign exchange risk on the U.S. Dollar and Euro.

The purpose of foreign exchange risk management is to provide the foundation of a stable business operation by minimizing the uncertainty and volatility of foreign exchange gains and losses from foreign exchange rate fluctuations.

The Company's foreign exchange risk management is implemented under its own foreign exchange policy through which the Company can minimize the exposure to foreign exchange risk by preferentially making equal amount of foreign exchange assets and liabilities from general operating activities. And the Company continuously considers efficient foreign exchange risk hedges against its remaining exposure with derivative financial instruments and

scrutinizes changes in foreign exchange exposure and the results of hedging activities on a monthly basis. Speculative foreign exchange trading is prohibited in principle.

As of September 30, 2023 and December 31, 2022, if the functional currency fluctuate for monetary assets and liabilities denominated in major foreign currencies other than the functional currency by 10% against the U.S. Dollar and Euro while other variables were fixed, the effects on profit (loss) before tax would be as follows:

	September	30, 2023	December 31, 2022		
(in millions of Korean won)	10% increase	10% decrease	10% increase	10% decrease	
USD/KRW	28,000	(28,000)	2,095	(2,095)	
EUR/KRW	19,307	(19,307)	(18,368)	18,368	

ii) Interest rate risk

The Company is exposed to interest rate risk through changes in interest-bearing liabilities or assets. The risk mainly arises from borrowings and deposits held by financial institutions with variable interest rates linked to market interest rate changes in the future. The objective of interest rate risk management lies in improving corporate value by minimizing uncertainty caused by fluctuations in interest rates and minimizing net interest expense.

The Company minimizes its borrowings from others and optimizes its deposits. The Company periodically monitors both domestic and foreign interest rate trends to establish countermeasures against changes in interest rates.

If interest rates fluctuate by 1%p with all other variables held constant, the effects on income and expenses related to borrowings and deposits held by financial institutions with variable interest rates for the nine-month periods ended September 30, 2023 and 2022, are as follows:

	20	23	2022		
(in millions of Korean won)	1%p increase	1%p decrease	1%p increase	1%p decrease	
Interest income	19,800	(19,800)	13,922	(13,922)	
Interest expenses	2,934	(2,934)	2,906	(2,906)	

iii) Details of derivative contracts are as follows:

Derivatives for hedging purposes

The Company entered into the cross-currency swap and interest rate swap contracts to hedge cash flow risks related to the floating interest rates and foreign exchange rates.

Details of hedging instruments are as follows:

		Contracted	Contracted	Internet rete			(in mi	amount Ilions of an won)
	Contractor	amount (in millions)	currency rate	Interest rate (paid) (%)	Starting date	Expiration date	Assets	Liabilities
Cross- currency	KEB Hana Bank and	USD 1,194	1,067.9 ~ 1,319.3	1.88 ~ 4.56	2017. 10. 23 ~ 2023. 9. 5	2024. 4. 19 ~ 2031. 7. 28	192,637	4,414

		Contracted	Contracted	Interest rate			(in mi	amount Illions of an won)
swap	Contractor others	amount (in millions)	currency rate	(paid) (%)	Starting date	Expiration date	Assets	Liabilities
	Citi Bank	EUR 95	1,312	3.84	2022. 7. 15	2028. 1. 14	5,241	-
	Citi Bank	JPY 11,000	10.0	4.06	2023. 4. 4	2029. 4. 4	-	11,355
	DBS	SGD 140	859.3	1.21	2020. 7. 9	2024. 1. 9	19,858	-
Interest rate swap	Woori Bank and others	KRW 1,086,821	-	2.75 ~ 4.53	2014. 1. 3 ~ 2023. 2. 14	2024. 1. 3 ~ 2032. 11. 16	26,704	2,067

Interest rates received for the above swap contracts are equal to annual interest rates of borrowings (Note 11).

Details of hedged items are as follows:

			Changes in
(in millions of Korean won)	Hedged items	Book amount	fair value (net of tax)
Cross-currency swap	Borrowings	1,975,032	(81,660)
Interest rate swap	Borrowings	1,017,250	(2,411)

The results of hedge accounting are as follows:

(in millions of Korean won)	Changes in fair value of derivatives (net of tax)	Line items in profit or loss	Reclassified to profit or loss (net of tax)	Other comprehensive income (net of tax)	Accumulated other comprehensive income
Cross-currency swap	81,660	Interest expense and exchange differences	(80,192)	1,468	29,133
Interest rate swap	2,411	Interest expense	(6,321)	(3,910)	17,235

Trading purposes

Currency forward contracts

The Company entered into the currency forward contracts to manage the risk against possible future changes in foreign exchange rates. The Company's currency forward contracts as of September 30, 2023, and related profit or loss for the nine-month period ended September 30, 2023, are as follows:

			Gain (Loss)	Gain (Loss)
(in millions of Korean won)	Purchase	Sale	on valuation	on transaction
Currency forward	-	-	-	(2,350)

Stock purchase contracts

According to the put options granted to Cybellum Technologies Ltd.'s shareholders and employees to whom stock options were granted, the Company recognized 24,506 million of derivative liabilities and no gain or loss on derivatives transaction was recognized during the

nine-month period ended September 30, 2023.

iv) Price risk

The Company is exposed to price risk through equity securities owned by the Company classified as financial assets at fair value through other comprehensive income.

The listed securities owned by the Company are traded in the open market, and related to KOSDAQ, NASDAQ, NYSE Index.

The effect of price index's fluctuation related to the listed securities on the equity (before applying the tax effect) is set out in the below table. The analysis is performed in respect of 30% increase/decrease in the price index under the assumption that other variations are consistent and the listed securities owned by the Company have correlation with the relevant past index.

	Septembe	r 30, 2023	December 31, 2022			
(in millions of Korean won)	30% increase	30% decrease	30% increase	30% decrease		
KOSDAQ	4,497	(4,497)	4,277	(4,277)		
NASDAQ	233	(233)	456	(456)		
NYSE	1,884	(1,884)	1,679	(1,679)		

The valuation and changes in book amounts of the financial assets at fair value through other comprehensive income related to the market risk above are presented in Note 6.

(b) Credit risk

The Company operates a consistent Global Credit / TR (trade receivables) policy to manage credit risk exposures.

In regard to receivables, the Company operates an integrated receivable insurance program with the Korea Trade Insurance Corporation (K-SURE) and Seoul Guarantee Insurance (Coface). In an effort to minimize receivable credit risk, the Company applies the credit rating of the counterparty rated by insurers, when determining the insurance coverage. In addition, the Company performs stringent credit risk managements based on credit valuation criteria for receivables without insurance coverage or collateral.

At the end of the reporting period, trade receivable balance of the Company, excluding the trade receivables from the subsidiaries, is $\forall 1,861,324$ million (December 31, 2022: $\forall 1,105,906$ million) and its risk is managed appropriately within insurer's credit limit of $\forall 2,894,456$ million (December 31, 2022: $\forall 2,970,803$ million). Therefore, the Company determined that credit risk exposed to the Company is limited.

At the end of the reporting period, the carrying amount of financial assets represents net of impairment loss to reflect Company's maximum exposure to the credit risk.

(c) Liquidity risk

The Company forecasts its cash flow and liquidity status and sets action plans on a regular basis to manage liquidity risk proactively. The Company systematically works with experts in four regional treasury centers to carry out fund and liquidity management that can react proactively to the changing global financial environment.

The Company maintains adequate amount of cash and committed credit facilities in Kookmin Bank, Shinhan Bank and Standard Chartered Bank to cope with potential liquidity risk arising from financial distress.

In addition, the Company is able to source funds any time in the domestic and international financial markets because it has good investment credit grades of AA Stable from Korea Investors Service, Korea Ratings and NICE Information Service, BBB from Standard & Poors, and Baa2 from Moody's at the end of the reporting period.

i) Cash flow information on maturity of financial liabilities as of September 30, 2023, is as follows:

(in millions of Korean won)	Total	Within 1 year	1 to 2 years	2 to 5 years	Over 5 years
Trade payables	6,372,603	6,372,603	-	-	-
Borrowings	10,621,614	2,079,989	961,982	3,841,005	3,738,638
Lease liabilities	82,302	37,678	19,909	17,882	6,833
Other payables	1,791,635	1,779,913	100	11,622	-
Other financial liabilities	24,508	-	12,254	9,803	2,451
Total	18,892,662	10,270,183	994,245	3,880,312	3,747,922

The above cash flows are calculated at nominal value based on the earliest maturity dates, and include cash flows of principal and interests. Derivatives for cash flow hedges from changes in interest rate and exchange rate are reflected in the cash flows of related borrowings.

ii) The maturity analysis of financial guarantee contracts provided by the Company to subsidiaries and third party companies is as follows:

		Over 5			
(in millions of Korean won)	Total	year	1 to 2 years	2 to 5 years	years
Financial guarantee contracts	4,115,699	4,115,699	-	-	-

The financial guarantee contracts provided to subsidiaries and the third party companies are allocated to earliest period in which the Company can be required to make the payments, at the maximum amount of guarantees.

31.2 Capital Risk Management

The Company's capital risk management purpose is to maximize shareholders' value through maintaining a sound capital structure. The Company monitors financial ratios, such as liability to equity ratio and net borrowing ratio each month and implements required action plan to improve the capital structure.

Liability to equity ratio and net borrowing ratio as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won, except for ratios)	September 30, 2023	December 31, 2022
Liability (A)	21,117,700	18,823,785
Equity (B)	11,544,294	9,889,029
Cash and cash equivalents (C)	2,640,099	1,941,615
Borrowings and lease liabilities (D)	9,263,604	7,662,539
Liability to equity ratio (A/B)	182.9%	190.4%
Net borrowings ratio ((D-C)/B)	57.4%	57.9%

31.3 Fair Value Estimation

(a) The book amount and fair value of the Company's financial assets and liabilities as of September 30, 2023 and December 31, 2022, are as follows:

	September 30, 2023				
	Curre	ent	Non-cui	rrent	
(in millions of Korean won)	Book amount	Fair value	Book amount	Fair value	
Assets at fair value					
Financial assets at fair value through profit or loss					
Other financial assets and others	-	-	105,291	105,291	
Financial assets at fair value through other comprehensive income					
Trade receivables	226,404	1	-	-	
Other financial assets	-	-	66,752	66,752	
Derivatives for hedging purposes					
Other financial assets	32,493	32,493	211,947	211,947	
Assets at amortized cost					
Financial assets at amortized cost					
Cash and cash equivalents	2,640,099	1	-	-	
Deposits held by financial institutions	140,000	1	687	687	
Trade receivables	5,373,660	1	29,585	29,585	
Other receivables	532,899	1	1,176,963	1,055,097	
Other assets					
Trade receivables	69,954	1	385,797	385,797	
Total	9,015,509		1,997,022		

		September 30, 2023				
	Curre	ent	Non-cu	rent		
(in millions of Korean won)	Book amount	Fair value	Book amount	Fair value		
Liabilities at fair value						
Financial liabilities at fair value through profit or loss						
Other financial liabilities	-	-	24,506	24,506		
Derivatives for hedging purposes						
Other financial liabilities	-	-	17,836	17,836		
Liabilities at amortized cost						
Financial liabilities at amortized cost						
Trade payables	6,372,603	1	-	-		
Borrowings	1,789,562	1	7,397,016	6,907,152		
Other payables	1,779,913	1	11,722	9,621		
Other liabilities						
Lease liabilities	35,150	2	41,876	2		
Other financial liabilities	6,059	3	4,924	3		
Total	9,983,287		7,497,880			

	December 31, 2022					
	Curre	ent	Non-cu	rrent		
(in millions of Korean won)	Book amount	Fair value	Book amount	Fair value		
Assets at fair value						
Financial assets at fair value through profit or loss						
Other financial assets	285	285	94,866	94,866		
Financial assets at fair value through other comprehensive income						
Trade receivables	290,274	1	-	-		
Other financial assets	-	-	61,531	61,531		
Derivatives for hedging purposes						
Other financial assets	555	555	158,595	158,595		
Assets at amortized cost						
Financial assets at amortized cost						
Cash and cash equivalents	1,941,615	1	-	-		
Deposits held by financial institutions	170,969	1	490	490		
Trade receivables	3,655,793	1	-	-		
Other receivables	495,175	1	163,543	149,780		
Other assets						
Trade receivables	25,550	1	138,712	138,712		
Total	6,580,216		617,737			

		December 31, 2022				
	Curre	ent	Non-cui	rrent		
(in millions of Korean won)	Book amount	Fair value	Book amount	Fair value		
Liabilities at fair value						
Financial liabilities at fair value through profit or loss						
Other financial liabilities	135	135	24,506	24,506		
Derivatives for hedging purposes						
Other financial liabilities	-	-	7,163	7,163		
Liabilities at amortized cost						
Financial liabilities at amortized cost						
Trade payables	5,428,176	1	-	-		
Borrowings	1,073,908	1	6,472,122	5,638,608		
Other payables	2,055,049	1	7,723	5,955		
Other liabilities						
Lease liabilities	65,979	2	50,530	2		
Other financial liabilities	6,446	3	4,689	3		
Total	8,629,693		6,566,733			

¹ Excluded from disclosure such as fair value hierarchy and measurement method as the book amount is the reasonable approximate of fair value.

- ² Lease liabilities were excluded from the fair value disclosures in accordance with Korean IFRS 1107 *Financial Instruments: Disclosures.*
- ³ Measured at the higher of the amount of the loss allowance determined in accordance with Korean IFRS 1109 *Financial Instruments,* and the amount initially recognized less cumulative amount of income recognized in accordance with Korean IFRS 1115 *Revenue from Contracts with Customers,* and excluded from disclosure as there is no significant difference between the book amount and its fair value.
- (b) Fair value measurements of assets and liabilities
 - i) Fair value hierarchy and measurement method

The fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. The fair value measurement is to estimate the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date under current market conditions. When measuring fair value using valuation techniques, the Company maximizes the use of market information and minimizes the use of unobservable inputs.

Financial instruments measured at fair value are categorized within the fair value hierarchy, and the defined levels are as follows:

- Level 1: Financial instruments measured at the quoted prices in an active market for identical assets or liabilities are included in 'level 1'. Assets or liabilities categorized within 'level 1' are financial instruments such as marketable equity securities traded.

- Level 2: When financial instruments are measured by using a discounted cash flow, if all significant inputs required to measure the fair value of an instrument are observable, the instrument is included in 'level 2'. Assets or liabilities categorized within 'level 2' are financial instruments such as derivative financial instruments.

- Level 3: When financial instruments are measured by using a discounted cash flow, if one or more of the significant inputs are unobservable market data, the instrument is included in 'level 3'. The assets or liabilities categorized within 'level 3' are unlisted equity securities and debt securities.

The fair value of financial instruments traded in active markets is based on quoted market prices at the end of the reporting period. A market is regarded as active if quoted prices are readily and regularly available from an exchange, dealer, broker, an entity within the same industry, pricing service, or regulatory agency, and those prices represent actual and regularly occurring market transactions on an arm's length basis. The quoted market price for financial assets held by the Company is the closing price at the end of the reporting period. These instruments are included in 'level 1'. Instruments included in 'level 1' comprise primarily listed equity securities classified as financial assets at fair value through other comprehensive income.

The fair value of financial instruments that are not traded in an active market is determined by using valuation techniques. The Company uses various valuation techniques that the Company develops or figures that external valuation agencies provide, and makes judgements based on current market conditions. These valuation techniques maximize the use of observable market data where it is available and rely as little as possible on entity specific estimates. If all significant inputs required to measure the fair value of an instrument are observable, the instrument is included in 'level 2'.

If one or more of the significant inputs are not based on observable market data, the instrument is included in 'level 3'. Financial instrument included 'level 3' uses other method including discounting cash flow method.

ii) Financial instruments measured at fair value

Fair value hierarchy classifications of the financial assets and financial liabilities that are measured at fair value as of September 30, 2023 and December 31, 2022, are as follows:

		September 30, 2023				
(in millions of Korean won)	Level 1	Level 2	Level 3	Total		
Assets						
Other financial assets and others						
Financial assets at fair value through other comprehensive income	17,048	-	49,704	66,752		
Financial assets at fair value through profit or loss	-	-	105,291	105,291		
Derivatives for hedging purposes	-	244,440	-	244,440		
Liabilities						
Other financial liabilities						
Financial liabilities at fair value through profit or loss	-	24,506	-	24,506		
Derivatives for hedging purposes	-	17,836	-	17,836		

	December 31, 2022				
(in millions of Korean won)	Level 1	Level 2	Level 3	Total	
Assets					
Other financial assets					
Financial assets at fair value through other comprehensive income	18,271	-	43,260	61,531	
Financial assets at fair value through profit or loss	-	285	94,866	95,151	
Derivatives for hedging purposes	-	159,150	-	159,150	
Liabilities					
Other financial liabilities					
Financial liabilities at fair value through profit or loss	-	24,641	-	24,641	
Derivatives for hedging purposes	-	7,163	-	7,163	

The above fair value amounts are recurring fair value measurements.

- Valuation technique and inputs for fair value measurements categorized within 'level 2'

Valuation technique and inputs for fair value measurements categorized within 'level 2' as of September 30, 2023 and December 31, 2022, are as follows:

	Fair	/alue		
(in millions of Korean won)	September 30, 2023	December 31, 2022	Valuation techniques	Inputs
Assets				
Other financial assets				
Financial assets at fair value through profit or loss	-	285	Discounted cash flow	Discount rate and exchange rate
Derivatives for hedging purposes	244,440	159,150	Discounted cash flow	Discount rate and exchange rate
Liabilities				
Other financial liabilities				
Financial liabilities at fair value through profit or loss	-	135	Discounted cash flow	Discount rate and exchange rate
Financial liabilities at fair value through profit or loss	24,506	24,506	Binomial model	Share price and volatility
Derivatives for hedging purposes	17,836	7,163	Discounted cash flow	Discount rate and exchange rate

- Valuation technique and inputs for fair value measurements categorized within 'level 3'

At the end of the reporting period, financial instruments measured at fair value categorized within 'level 3' comprise unlisted equity securities and debt securities and are measured using discounted cash flow considering discount rate and others as inputs.

iii) Financial instruments not measured at fair value but for which the fair value is disclosed

Financial instruments not measured at fair value but for which the fair value is disclosed as of September 30, 2023 and December 31, 2022, are as follows:

(in millions of Korean won)	September 30, 2023				
	Level 1	Level 2	Level 3	Total	
Assets					
Non-current deposits held by financial institutions	-	-	687	687	
Non-current trade receivables	-	-	415,382	415,382	
Non-current other receivables	-	-	1,055,097	1,055,097	
Liabilities					
Non-current borrowings	-	-	6,907,152	6,907,152	
Non-current other payables	-	-	9,621	9,621	

	December 31, 2022				
(in millions of Korean won)	Level 1	Level 2	Level 3	Total	
Assets					
Non-current deposits held by financial institutions	-	-	490	490	
Non-current trade receivables	-	-	138,712	138,712	
Non-current other receivables	-	-	149,780	149,780	
Liabilities					
Non-current borrowings	-	-	5,638,608	5,638,608	
Non-current other payables	-	-	5,955	5,955	

- Valuation technique and inputs for fair value measurements categorized within 'level 2'

At the end of the reporting period, there are no financial instruments that are not measured at fair value but for which the fair value is disclosed and categorized within 'level 2'.

- Disclosure in relation to fair value measurements categorized within 'level 3'

Valuation technique, inputs and unobservable inputs of financial instruments that are not measured at fair value but for which the fair value is disclosed and categorized within 'level 3' as of September 30, 2023 and December 31, 2022, are as follows:

	Septembe	r 30, 2023	December	31, 2022			Significant but	Range of significant but
(in millions of Korean won)	Book amount	Fair value	Book amount	Fair value	Valuation techniques	Inputs	unobservable inputs	unobservable inputs
Assets								
Non-current deposits held by financial institutions	687	687	490	490	Discounted cash flow	Discount rate	Discount rate	0.10%
Non-current trade receivables	415,382	415,382	138,712	138,712	Discounted cash flow	Discount rate	Discount rate	5.3%~7.0%
Non-current other receivables	1,176,963	1,055,097	163,543	149,780	Discounted cash flow	Discount rate and exchange rate	Discount rate	4.4%~5.3%
Liabilities								
Non-current borrowings	7,397,016	6,907,152	6,472,122	5,638,608	Discounted cash flow	Discount rate and exchange rate	Discount rate	4.3%~6.2%
Non-current other payables	11,722	9,621	7,723	5,955	Discounted cash flow	Discount rate	Discount rate	4.38%~4.78%

32. Discontinued Operation

In 2022, the Company discontinued the operations of energy business in order to focus on the Company's core business through firmwide resource efficiency and to secure financial resources for preparing new business for future growth by improving its financial structure.

(a) Profit and loss from discontinued operation for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
Net sales	413	150,620
Operating profit (loss)	543	(207,334)
Profit (Loss) before income tax	527	(224,802)
Income tax expense (benefit)	133	(60,697)
Profit (Loss) for the period, net of tax	394	(164,105)

(b) Cash flows from discontinued operations for the nine-month periods ended September 30, 2023 and 2022, are as follows:

(in millions of Korean won)	2023	2022
Net cash inflow (outflow) from operating activities	(4,231)	(296,075)
Net cash inflow (outflow) from investing activities	288	441,090
Net cash inflow (outflow) from financing activities	3,943	(145,015)