Separate Financial Statements December 31, 2023 and 2022

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Independent Auditor's Report

(English Translation of a Report Originally Issued in Korean)

To the Board of Directors and Shareholders of KoMiCo Ltd.

Opinion

We have audited the accompanying separate financial statements of KoMiCo Ltd. (the "Company"), which comprise the separate statements of financial position as at December 31, 2023 and 2022, and the separate statements of comprehensive income, separate statements of changes in equity and separate statements of cash flows for the years then ended, and notes to the separate financial statements, including material accounting policy information.

In our opinion, the accompanying separate financial statements present fairly, in all material respects, the separate financial position of the Company as at December 31, 2023 and 2022, and its separate financial performance and its separate cash flows for the years then ended in accordance with International Financial Reporting Standards as adopted by the Republic of Korea (Korean IFRS).

We also have audited, in accordance with Korean Standards on Auditing, the Company's Internal Control over Financial Reporting as at December 31, 2023, based on *Conceptual Framework for Designing and Operating Internal Control over Financial Reporting*, and our report dated March 13, 2024, expressed an unqualified opinion.

Basis for Opinion

We conducted our audits in accordance with Korean Standards on Auditing. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Separate Financial Statements* section of our report. We are independent of the Company in accordance with the ethical requirements of the Republic of Korea that are relevant to our audit of the separate financial statements and we have fulfilled our other ethical responsibilities in accordance with the ethical requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the separate financial statements of the current period. These matters were addressed in the context of our audit of the separate financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

(a) Occurrence of revenue recognition

Reason why the matter was determined to be a Key Audit Matter

As set out in Note 2 to the separate financial statements, the Company identifies performance obligations from contract with a customer that are distinct and recognizes revenue when the obligations are satisfied. We identified this area as a key audit matter because the revenue comprises a material portion of the Company's financial statements and, identifying performance obligations and determining when the obligation is satisfied involve significant judgement of management.

How our audit addressed the Key Audit Matter

The audit procedures we performed in relation to the occurrence of revenue recognition are as follows:

- We obtained an understanding and assessed the revenue recognition process and the Company's accounting policies and related controls.
- We assessed the existence of the contract and the appropriateness of the identification of performance obligations from contract through review on contract or PO.
- We assessed the appropriateness of occurrence, timing, and amount of revenue recognition through examining procedure for transaction evidence identified through the revenue recognition process.

(b) Fair value assessment of exchangeable bonds

Reason why the matter was determined to be a Key Audit Matter

As set out in Note 7 to the separate financial statements, exchangeable bonds, among the financial instruments of the Company, are measured based on unobservable inputs and classified as fair value hierarchy Level 3. Financial instruments classified as Level 3 uses various valuation techniques and variables. We identified this aera as a key audit matter because the results of measurement may significantly change depending on the management's determination on the valuation techniques and unobservable inputs.

How our audit addressed the Key Audit Matter

The audit procedures we performed in relation to the fair value assessment of exchangeable bonds are as follows:

- We obtained an understanding of and evaluated the internal control related to fair value measurement process of the Company's management
- We verified qualification and independence of experts engaged by management of the Company
- We evaluated the appropriateness of the valuation method and the reasonableness of input variable assumptions considering the contract conditions
- We verified whether there is a significant difference between the auditor's independent estimate and the management's estimate of the major input variables used in the fair value assessment

for the extracted sample

Other Matter

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

Responsibilities of Management and Those Charged with Governance for the Separate Financial Statements

Management is responsible for the preparation and fair presentation of the separate financial statements in accordance with Korean IFRS, and for such internal control as management determines is necessary to enable the preparation of separate financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the separate financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations.

Those charged with governance are responsible for overseeing the Company's financial reporting process.

Auditor's Responsibilities for the Audit of the Separate Financial Statements

Our objectives are to obtain reasonable assurance about whether the separate financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Korean Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these separate financial statements.

As part of an audit in accordance with Korean Standards on Auditing, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the separate financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- · Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- · Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events

or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the separate financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.

• Evaluate the overall presentation, structure and content of the separate financial statements, including the disclosures, and whether the separate financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the separate financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partner on the audit resulting in this independent auditor's report is Chang-Hoon Lee, Certified Public Accountant.

Seoul, Korea March 13, 2024

This report is effective as of March 13, 2024, the audit report date. Certain subsequent events or circumstances, which may occur between the audit report date and the time of reading this report, could have a material impact on the accompanying separate financial statements and notes thereto. Accordingly, the readers of the audit report should understand that there is a possibility that the above audit report may have to be revised to reflect the impact of such subsequent events or circumstances, if any.

KoMiCo Ltd. Separate Statements of Financial Position December 31, 2023 and 2022

Assets Current assets Cash and cash equivalents 4,7,8 Short-term financial instruments 5,7,8 Trade receivables 7,8,9,37 Other receivables 7,8,9,37 Inventories 12 Other current financial assets 7,8,10 Other current assets 11	2023	2022
Cash and cash equivalents 4,7,8 Short-term financial instruments 5,7,8 Trade receivables 7,8,9,37 Other receivables 7,8,9,37 Inventories 12 Other current financial assets 7,8,10		
Short-term financial instruments5,7,8Trade receivables7,8,9,37Other receivables7,8,9,37Inventories12Other current financial assets7,8,10		
Trade receivables7,8,9,37Other receivables7,8,9,37Inventories12Other current financial assets7,8,10	₩ 27,803,348,669	₩ 17,845,007,410
Other receivables7,8,9,37Inventories12Other current financial assets7,8,10	12,868,200,000	29,000,000,000
Inventories 12 Other current financial assets 7,8,10		10,293,056,348
Other current financial assets 7,8,10		2,323,430,758
	1,759,370,839	1,923,663,956
Other current assets 11	-	1,330,000,000
	550,649,479	501,986,673
	53,520,256,741	63,217,145,145
Non-current assets		
Investments in subsidiaries 13	207,422,392,427	144,626,274,855
Other non-current receivables 7,8,9,37	1,357,981,636	897,229,000
Property, plant and equipment 14	74,359,706,153	89,115,744,131
Investment properties 16	5,777,070,568	5,959,198,084
Intangible assets 17	3,732,530,965	3,538,791,934
Other non-current financial assets 7,8,10	23,485,909,207	19,472,620,934
Other non-current assets 11	1,460,157,538	2,138,325,735
Total assets	317,595,748,494 ₩ 371,116,005,235	265,748,184,673 ₩ 328,965,329,818
	0.1,1.0,000,200	020,000,020,010
Liabilities		
Current liabilities	7	W 0.577.740.000
Trade payables 7,8,19,3		₩ 3,577,740,803
Short-term borrowings 7,8,22	32,600,000,000	22,600,000,000
Other payables 7,8,19,3		6,632,640,630
Other current financial liabilities 7,8,20 Current portion of long-term borrowings 7,8,22	11,981,383,218	8,307,654,677
Current portion of long-term borrowings 7,8,22 Current tax liabilities 33	1,250,000,000 1,068,029,387	2,766,326,847
Current lease liabilities 6.7,8,15		
Other current liabilities 21	3,192,475,770	333,601,221 6,183,959,506
Other current habilities 21	57,951,301,008	50,401,923,684
	37,931,301,000	50,401,923,004
Non-current liabilities	00.750.000.000	
Long-term borrowings 7,8,22	68,750,000,000	-
Post-employment benefit liabilities 23	11,109,425,621	9,921,613,201
Other non-current financial liabilities 7,8,20	1,460,157,538	1,727,116,716
Other non-current liabilities 21	1,472,148,945	1,522,018,654
Non-current lease liabilities 6,7,8,15 Deferred tax liabilities 33		293,835,011
Deferred tax liabilities 33	5,415,134,453 88,520,753,455	6,412,964,167
Total liabilities	146,472,054,463	19,877,547,749 70,279,471,433
Equity		
Issued capital 1,25	5,230,342,000	5,010,223,500
Reserves 25	14,402,241,533	73,597,635,337
Elements of other stockholders equity 27	(2,914,979,317)	(2,914,979,317)
Accumulated other comprehensive income 26	8,867,561,298	7,188,694,618
Retained earnings 28	199,058,785,258	175,804,284,247
Total equity	224,643,950,772	258,685,858,385
Total liabilities and equity	₩ 371,116,005,235	₩ 328,965,329,818

The above separate statements of financial position should be read in conjunction with the accompanying notes.

KoMiCo Ltd. Sparate Statements of Comprehensive Income Years Ended December 31, 2023 and 2022

(in Korean won)	Notes		2023		2022
Revenue	37,38				
Finished goods		₩	122,692,202,303	₩	139,678,610,632
Merchandises			4,125,976,028		7,155,311,885
			126,818,178,331		146,833,922,517
Cost of sales	12,29,37				
Finished goods			72,219,165,777		77,834,895,571
Merchandises			3,077,807,359		5,427,081,885
			75,296,973,136		83,261,977,456
Gross profit			51,521,205,195		63,571,945,061
Selling and administrative expenses	29,30,37		40,240,594,721		42,371,303,871
Bad debt expenses (reversal)	29,30		(53,966,000)	-	(73,266,600)
Operating income			11,334,576,474		21,273,907,790
Other income	31		6,080,894,192		6,408,764,534
Other expenses	31		432,604,795		309,426,274
Finance income	32		8,834,681,859		2,305,089,554
Finance costs	32		5,741,420,136		1,586,363,047
Profits (losses) of associates and joint ventures	13		14,271,135,736		19,155,554,712
Profit before income tax			34,347,263,330		47,247,527,269
Income tax expense	33		798,050,494		5,280,746,921
Profit		₩	33,549,212,836	₩	41,966,780,348
Other comprehensive income					
Items that will not be reclassified to profit or loss					
Remeasurements of net defined benefit liability Loss on valuation of financial assets at fair value through			453,875,175		689,275,053
other comprehensive income			(287,791,758)		(1,343,772,543)
Items that may be subsequently reclassified to profit or loss					
Share of other comprehensive income of associates	13		1,493,726,976		1,830,645,565
Other comprehensive income, net of tax			1,659,810,393		1,176,148,075
Total comprehensive income		₩	35,209,023,229	₩	43,142,928,423
Earnings per share	34				
Basic earnings per share Diluted earnings per share		₩	3,294 3,294	₩	4,213 4,213

The above separate statements of comprehensive income should be read in conjunction with the accompanying notes.

KoMiCo Ltd. Separate Statements of Changes in Equity Years Ended December 31, 2023 and 2022

(in Korean won)	Notes		Share capital		Reserves	Caj	Other pital adjustments	C	Accumulated Other Comprehensive Income		Retained Earnings		Total
Balance at January 1, 2022		₩	5,010,223,500	₩	73,597,635,337	₩	(911,210,365)	₩	6,701,821,596	₩	138,638,890,946	₩	223,037,361,014
Total comprehensive income							, , ,		, , ,		, , ,		, , ,
Profit			-		-		-		-		41,966,780,348		41,966,780,348
Other comprehensive income													
Remeasurements of net defined benefit liability	23		-		-		-		-		689,275,053		689,275,053
Loss on valuation of financial assets at fair value													
through other comprehensive income			-		-		-		(1,343,772,543)		-		(1,343,772,543)
Share of other comprehensive income of associates	13				-		-		1,830,645,565		-		1,830,645,565
Total other comprehensive income			<u> </u>		-		-		486,873,022		689,275,053		1,176,148,075
Total comprehensive income							-		486,873,022		42,656,055,401		43,142,928,423
Transactions with owners													
Annual dividends paid			-		-		-		-		(5,490,662,100)		(5,490,662,100)
Transactions of treasury shares							(2,003,768,952)				-		(2,003,768,952)
Total transactions with owners						111	(2,003,768,952)		-		(5,490,662,100)		(7,494,431,052)
Balance at December 31, 2022		₩	5,010,223,500	₩	73,597,635,337	₩	(2,914,979,317)	₩	7,188,694,618	₩	175,804,284,247	₩	258,685,858,385
Balance at January 1, 2023		₩	5,010,223,500	₩	73,597,635,337	₩	(2,914,979,317)	₩	7,188,694,618	₩	175,804,284,247	₩	258,685,858,385
Total comprehensive income		••	0,010,220,000	••	70,007,000,007	•••	(2,011,010,011)	•••	7,100,001,010	•••	170,001,201,211	•••	200,000,000,000
Profit			_		_		_		_		33,549,212,836		33,549,212,836
Other comprehensive income											00,010,212,000		00,010,212,000
Remeasurements of net defined benefit liability	23		_		_		_		_		453,875,175		453,875,175
Loss on valuation of financial assets at fair value	20										100,070,170		100,010,110
through other comprehensive income			_		-		_		(287,791,758)		_		(287,791,758)
Transfer of gains (losses) on disposal of equity investments at fair									(- , - , - ,				(- , - , ,
value through other comprehensive income to retained earnings			-		-		-		472,931,462		(472,931,462)		-
Share of other comprehensive income of associates	13		-		-		-		1,493,726,976		-		1,493,726,976
Total other comprehensive income			-		-		-		1,678,866,680		(19,056,287)		1,659,810,393
Total comprehensive income			-		-		-		1,678,866,680		33,530,156,549		35,209,023,229
Transactions with owners													
Capital increase			220,118,500		19,758,479,550		-		-		-		19,978,598,050
Annual dividends paid			-		-		-		-		(9,940,569,000)		(9,940,569,000)
Payments for investments in subsidiaries under a common control			-		(78,953,873,354)		-		-		-		(78,953,873,354)
Changes in retained earnings from equity method			-		-		-				(335,086,538)		(335,086,538)
Total transactions with owners			220,118,500		(59,195,393,804)		-		<u>-</u>		(10,275,655,538)		(69,250,930,842)
Balance at December 31, 2023		₩	5,230,342,000	₩	14,402,241,533	₩	(2,914,979,317)	₩	8,867,561,298	₩	199,058,785,258	₩	224,643,950,772

The above separate statements of changes in equity should be read in conjunction with the accompanying notes.

KoMiCo Ltd. Separate Statements of Cash Flows Years Ended December 31, 2023 and 2022

(in Korean won)	Note		2023		2022
Cash flows from (used in) operating activities					
Cash generated from operations	35	₩	30,264,445,364	₩	45,026,227,513
Interest received			2,157,608,027		733,497,971
Interest paid			(3,342,563,091)		(799,786,883)
Income taxes returns (paid)			(3,611,646,003)		956,410,164
Dividends received			7,456,429,708		2,068,205,596
Net cash inflow from operating activities			32,924,274,005		47,984,554,361
Cash flows from (used in) investing activities					
Proceeds from disposal of short-term financial instruments			39,000,000,000		33,000,000,000
Decrease in loans			283,990,800		239,246,500
Proceeds from disposal of property, plant and equipment			892,236,272		45,486,946
Proceeds from disposal of intangible assets			281,818,182		200,000,000
Decrease in leasehold deposits provided			189,400,000		180,000,000
Receipt of government grants			1,151,455,273		58,963,790
Proceeds from disposal of financial assets at fair value			, - , ,		, ,
through other comprehensive income			1,197,000,000		-
Payments for short-term financial instruments			(22,911,700,000)		(46,000,000,000)
Increase in loans			(845,000,000)		(695,000,000)
Payments for property, plant and equipment			(10,401,917,804)		(12,810,658,979)
Payments for intangible assets			(432,518,294)		-
Increase in leasehold deposits provided			(282,497,886)		(239,458,000)
Payments for exchangeable bonds			-		(15,000,000,000)
Payments for investments in subsidiaries			(120,882,159,405)		-
Net cash outflow from investing activities			(112,759,892,862)		(41,021,419,743)
Cash flows from (used in) financing activities					
Proceeds from short-term borrowings			35,000,000,000		26,600,000,000
Proceeds from long-term borrowings			70,000,000,000		-
Increase in leasehold deposits received			165,870,000		396,925,000
Capital increase			19,978,598,050		-
Repayments of short-term borrowings			(25,000,000,000)		(16,600,000,000)
Repayments of long-term borrowings			-		(19,000,000,000)
Dividends paid			(9,940,569,000)		(5,490,662,100)
Decrease in leasehold deposits received			(86,635,000)		(965,000,000)
Repayments of lease liabilities			(457,582,955)		(394,448,202)
Acquisition of treasury shares			-		(2,003,768,952)
Net cash inflow (outflow) from financing activities			89,659,681,095		(17,456,954,254)
Net increase (decrease) in cash and cash equivalents			9,824,062,238		(10,493,819,636)
Cash and cash equivalents at the beginning of the financial year			17,845,007,410		28,891,393,030
Effects of exchange rate changes on cash and cash equivalents denominated in foreign currencie	s		134,279,021		(552,565,984)
Cash and cash equivalents at the end of the year		₩	27,803,348,669	₩	17,845,007,410
·			, , ,		

The above separate statements of cash flows should be read in conjunction with the accompanying notes.

1. General Information

On August 13, 2013, KoMiCo (the Company) was established through split-off from MiCo Ltd., and the Company mainly engages in cleaning and coating of semiconductor equipment components and LCD related precision parts.

On March 23, 2017, the Company listed its ordinary shares on the Korea Securities Dealers Automated Quotations ("KOSDAQ") market, and its headquarters is located in Mosan-ro, Anseong-si, Gyeonggi-do.

After several capital increases, the issued capital of the Company as at December 31, 2023, amounted to \forall 5,230 million, which was \forall 3,500 million upon establishment. MiCo Ltd., the Parent Company, holds 41.10% of the Company's issued shares. `

The Company's major shareholders are as follows:

	20	23	20)22	
	Number of shares	Percentage of ownership (%)	Number of shares	Percentage of ownership (%)	
MiCo Ltd.	4,299,326	41.10	3,859,089	38.51	
Treasury shares	79,878	0.76	79,878	0.80	
Others	6,081,480	58.14	6,081,480	60.69	
	10,460,684	100.00	10,020,447	100.00	

On July 1, 2023, as a deemed acquisition date, the Company has obtained controls over MiCoCeramics Ltd. by acquiring 2,605,639 ordinary shares (percentage of ownership: 47.84%) of MiCoCeramics Ltd. held by MiCo Ltd., the Parent Company. As a business combination of entities under common control, the carrying amount of investments in the subsidiaries from this transaction is recognized as carrying amount in the consolidated financial statements of the ultimate parent company. Also, the difference between the consideration paid and the carrying amount of the investments in the subsidiaries was recognized as other reserves.

2. Material Accounting Policies

The principal accounting policies applied in the preparation of these separate financial statements are set out below. These policies have been consistently applied to all the years presented, unless otherwise stated.

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 financial statements have been condensed, restructured and translated into English from the

Korean language financial statements.

Certain information attached to the Korean language financial statements, but not required for a fair presentation of the Company's financial position, financial performance or cash flows, is not presented in the accompanying separate financial statements.

The separate financial statements of the Company have been prepared in accordance with Korean IFRS. These are the standards, subsequent amendments and related interpretations issued by the International Accounting Standards Board (IASB) that have been adopted by the Republic of Korea.

The financial statements have been prepared on a historical cost basis, except for the following:

- · Certain financial assets and liabilities (including derivative instruments), and
- · defined benefit pension plans plan assets measured at fair value

The preparation of financial statements requires the use of critical accounting estimates. Management also needs to exercise judgement in applying the Company's accounting policies. The areas involving a higher degree of judgment or complexity, or areas where assumptions and estimates are significant to the separate financial statements are disclosed in Note 3.

2.2 Changes in Accounting Policies and Disclosures

2.2.1 New and amended standards adopted by the Company

The Company has applied the following standards and amendments for the first time for their annual reporting period commencing January 1, 2023.

(a) 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 policy information. The amendments do not have a significant impact on the financial statements.

(b) 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 financial statements.

(c) 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 financial statements.

(d) 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 financial statements.

(e) New Standard: Korean IFRS 1117 Insurance Contracts

Korean IFRS 1117 *Insurance Contracts* replaces Korean IFRS 1104 *Insurance Contracts*. This standard estimates future cash flows of an insurance contract and measures insurance liabilities using discount rates applied with assumptions and risks at the measurement date. The entity recognizes insurance revenue on an accrual basis including services (insurance coverage) provided to the policyholder by each annual period. In addition, investment components (Refunds due to termination/maturity) repaid to a policyholder even if an insured event does not occur, are excluded from insurance revenue, and insurance financial income or expense and the investment income or expense are presented separately to enable users of the information to understand the sources of income or expenses. This standard does not have a significant impact on the financial statements.

(f) Korean IFRS 1012 Income Taxes - International Tax Reform - Pillar Two Model Rules

The amendments provide a temporary relief from the accounting for deferred taxes arising from legislation enacted to implement the Pillar Two model rules, which aim to reform international corporate taxation for multinational enterprises, and require disclosure of related current tax effects, etc. The amendments do not have a significant impact on the financial statements.

2.2.2 New standards and interpretations not yet adopted by the Company

The following new accounting standards and interpretations have been published that are not mandatory for December 31, 2023 reporting periods and have not been early adopted by the Company.

(a) 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 date. When an entity classifies a liability that is subject to the covenants which an entity is required to comply with within twelve months of the reporting date as non-current at the end of the reporting period, the entity shall disclose information in the notes to understand 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, and earlier application is permitted. The Company is in review for the impact of these amendments on the financial statements.

(b) Amendments to Korean IFRS 1007 Statement of Cash Flows, Korean IFRS 1107 Financial Instruments: Disclosures – Supplier finance arrangements

When applying supplier finance arrangements, an entity shall disclose information about its supplier finance arrangements that enables users of financial statements to assess the effects of those arrangements on the entity's liabilities and cash flows and on the entity's exposure to liquidity risk. The amendments should be applied for annual periods beginning on or after January 1, 2024, and earlier application is permitted. The Company is in review for the impact of these amendments on the financial statements.

(c) Amendments to Korean IFRS 1116 Leases – Lease Liability in a Sale and Leaseback

When subsequently measuring lease liabilities arising from a sale and leaseback, a seller-lessee shall determine lease payments or revised lease payments in a way that the seller-lessee would not recognize any amount of the gain or loss that relates to the right of use retained by the seller-lessee. The amendments should be applied for annual periods beginning on or after January 1, 2024, and earlier application is permitted. The Company is in review for the impact of these amendments on the financial statements.

(d) Amendments to Korean IFRS 1001 Presentation of Financial Statements – Disclosure of Cryptographic Assets

The amendments require an additional disclosure if an entity holds cryptographic assets, or holds cryptographic assets on behalf of the customer, or issues cryptographic assets. The amendments should be applied for annual periods beginning on or after January 1, 2024, and earlier application is permitted. The amendments do not have a significant impact on the financial statements.

(e) Amendments to Korean IFRS 1021 The Effects of Changes in Foreign Exchange Rates and 1101 First-time Adoption of International Financial Reporting Standards – Lack of Exchangeability

When an entity estimates a spot exchange rate because exchangeability between two currencies is lacking, the entity shall disclose related information. The amendments should be applied for annual periods beginning on or after January 1, 2025, and earlier application is permitted. The Company is in review for the impact of these amendments on the financial statements.

2.3 Foreign Currency Translation

(a) Functional and presentation currency

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Items included in the financial statements of the Company are measured using the currency of the primary economic environment in which the Company operates (the "functional currency"). The separate financial statements are presented in Korean won, which is the Company's functional and presentation currency.

(b) Transactions and balances

Foreign currency transactions are translated into the functional currency using the exchange rates at the dates of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation of monetary assets and liabilities denominated in foreign currencies at year-end exchange rates are generally recognized in profit or loss. They are deferred in other comprehensive income if they relate to qualifying cash flow hedges and qualifying effective portion of hedges of net investments, or are attributable to monetary part of the net investment in a foreign operation.

Foreign exchange gains and losses are presented in 'finance income' or 'finance costs' in the statement of comprehensive income.

Non-monetary items that are measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value was determined. Translation differences on assets and liabilities carried at fair value are reported as part of the fair value gain or loss. For example, translation differences on non-monetary assets and liabilities such as equities held at fair value through profit or loss are recognized in profit or loss as part of the fair value gain or loss and translation differences on non-monetary assets such as equities held at fair value through other comprehensive income are recognized in other comprehensive income.

2.4 Financial Assets

(a) Classification

The Company classifies its financial assets in the following measurement categories:

- those to be measured at fair value through profit or loss
- those to be measured at fair value through other comprehensive income, and
- those to be measured at amortized cost

The classification depends on the Company's business model for managing the financial assets and the contractual terms of the cash flows.

For financial assets measured at fair value, gains and losses will either be recorded in profit or loss or other comprehensive income. For investments in debt instruments, this will depend on the business model in which the investment is held. The Company reclassifies debt investments when, and only when its business model for managing those assets changes.

For investments in equity instruments that are not held for trading, this will depend on whether the Company has made an irrevocable election at the time of initial recognition to account for the

Notes to the Separate Financial Statements

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equity investment at fair value through other comprehensive income. Changes in fair value of non-designated equity investment are recognized in profit or loss.

(b) Measurement

At initial recognition, the Company measures a financial asset at its fair value plus, in the case of a financial asset not at fair value through profit or loss, transaction costs that are directly attributable to the acquisition of the financial asset. Transaction costs of financial assets carried at fair value through profit or loss are expensed in profit or loss.

Financial assets with embedded derivatives are considered in their entirety when determining whether their cash flows are solely payment of principal and interest.

A. Debt instruments

Subsequent measurement of debt instruments depends on the Company's business model for managing the asset and the cash flow characteristics of the asset. The Company classifies its debt instruments into one of the following three measurement categories:

- Amortized cost: Assets that are held for collection of contractual cash flows where those
 cash flows represent solely payments of principal and interest are measured at amortized
 cost. A gain or loss on a debt investment that is subsequently measured at amortized
 cost and is not part of a hedging relationship is recognized in profit or loss when the asset
 is derecognized or impaired. Interest income from these financial assets is included in
 'finance income' using the effective interest rate method.
- Fair value through other comprehensive income: Assets that are held for collection of contractual cash flows and for selling the financial assets, where the assets' cash flows represent solely payments of principal and interest, are measured at fair value through other comprehensive income. Movements in the carrying amount are taken through other comprehensive income, except for the recognition of impairment loss (reversal of impairment loss), interest income and foreign exchange gains and losses which are recognized in profit or loss. When the financial asset is derecognized, the cumulative gain or loss previously recognized in other comprehensive income is reclassified from equity to profit or loss. Interest income from these financial assets is included in 'finance income' using the effective interest rate method. Foreign exchange gains and losses are presented in 'finance income' or 'finance costs' and impairment losses are presented in 'other expenses'.
- Fair value through profit or loss: Assets that do not meet the criteria for amortized cost or
 fair value through other comprehensive income are measured at fair value through profit
 or loss. A gain or loss on a debt investment that is subsequently measured at fair value
 through profit or loss and is not part of a hedging relationship is recognized in profit or
 loss and presented net in the statement of comprehensive income within 'finance income'
 or 'finance costs' in the year in which it arises.

B. Equity instruments

The Company subsequently measures all equity investments at fair value. Where the Company's management has elected to present fair value gains and losses on equity investments, which held for long-term investment or strategic purpose, in other comprehensive income, there is no subsequent reclassification of fair value gains and losses to profit or loss following the derecognition of the investment. Dividend income from such investments continue to be recognized in profit or loss as 'finance income' when the right to receive payments is established.

Changes in the fair value of financial assets at fair value through profit or loss are recognized in 'finance income' or 'finance costs' in the statement of comprehensive income as applicable. Impairment loss (reversal of impairment loss) on equity investments measured at fair value through other comprehensive income are not reported separately from other changes in fair value.

(c) Impairment

The Company assesses on a forward-looking basis the expected credit losses associated with its debt instruments carried at amortized cost and fair value through other comprehensive income. The impairment methodology applied depends on whether there has been a significant increase in credit risk. For trade receivables, the Company applies the simplified approach, which requires expected lifetime credit losses to be recognized from initial recognition of the receivables. (Note 6.2 provides more detail of how the Company determines there has been a significant increase in credit risk.)

(d) Recognition and Derecognition

Regular way purchases and sales of financial assets are recognized or derecognized on tradedate, the date on which the Company commits to purchase or sell the asset. Financial assets are derecognized when the rights to receive cash flows from the financial assets have expired or have been transferred and the Company has transferred substantially all the risks and rewards of ownership.

(e) Offsetting of financial instruments

Financial assets and liabilities are offset and the net amount reported in the statement of financial position where there is a legally enforceable right to offset the recognized amounts and there is an intention to settle on a net basis or realize the assets and settle the liability simultaneously. The legally enforceable right must not be contingent on future events and must be enforceable in the normal course of business and in the event of default, insolvency or bankruptcy of the Company or the counterparty.

2.5 Trade Receivables

Trade receivables are recognized initially at the amount of consideration that is unconditional, unless they contain significant financing components when they are recognized at fair value. Trade receivables are subsequently measured at amortized cost using the effective interest method, less allowance for credit losses.

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2.6 Inventories

Inventories are stated at the lower of cost and net realizable value. Cost is determined using the gross average method.

2.7 Property, Plant and Equipment

Property, plant and equipment are stated at historical cost less accumulated depreciation and accumulated impairment losses. Historical cost includes expenditure that is directly attributable to the acquisition of the items.

Depreciation of all property, plant and equipment, except for land, is calculated using the straightline method to allocate their cost or revalued amounts, net of their residual values, over their estimated useful lives as follows:

Useful lives

Buildings	30 years
Structures	15
Machinery	8
Vehicles, Tools and equipment, Supplies, Facilities	5

The assets' depreciation method, residual values and useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period.

2.8 Borrowing Costs

General and specific borrowing costs that are directly attributable to the acquisition, construction or production of a qualifying asset are capitalized during the period of time that is required to complete and prepare the asset for its intended use or sale. Investment income earned on the temporary investment of specific borrowings on qualifying assets is deducted from the borrowing costs eligible for capitalization. Other borrowing costs are expensed in the period in which they are incurred.

2.9 Government Grants

Grants from the government are recognized at their fair value where there is a reasonable assurance that the grant will be received and the Company will comply with all attached conditions. Government grants related to assets are presented in the statement of financial position by deducting the grant in arriving at the carrying amount of the asset, and government grants related to income are deferred and later deducted from the related expense.

2.10 Intangible Assets

Intangible assets are initially recognized at its historical cost, and carried at cost less accumulated

amortization and accumulated impairment losses.

Expenditures incurred from research (or research stage of internal project) are recognized as expenses when they are incurred. Intangible assets incurred from development activities (or development stage of internal project) are recognized only when it is technically feasible to complete the intangible asset so that it will be available for use; management intends to complete the intangible asset and use or sell it; there is the ability to use or sell the intangible asset; it can be demonstrated how the intangible asset will generate probable future economic benefits; adequate technical, financial and other resources to complete the development and to use or sell the intangible asset are available; and the expenditure attributable to the intangible asset during its development can be reliably measured.

Costs of internally generated intangible assets are the aggregate costs recognized after meeting the asset recognition criteria, including any costs directly attributable to preparing the asset for its creation, manufacturing and intended use by management. Internally generated goodwill is not recognized as an asset.

Membership rights that have an indefinite useful life are not subject to amortization because there is no foreseeable limit to the period over which the assets are expected to be utilized. The Company amortizes intangible assets with a limited useful life using the straight-line method over the following periods:

	Useful lives
Software	5 years
Development costs	5 years
Membership rights	Indefinite

2.11 Investment Property

Investment property is property held to earn rentals or for capital appreciation or both. An investment property is measured initially at its cost. An investment property is measured after initial measurement at depreciated cost (less any accumulated impairment losses). After recognition as an asset, investment property is carried at cost less accumulated depreciation and impairment losses. The Company depreciates investment properties, except for land, using the straight-line method over their useful lives of 30 years.

2.12 Impairment of Non-financial Assets

Intangible assets that have an indefinite useful life are not subject to amortization and are tested annually for impairment, or more frequently if events or changes in circumstances indicate that they might be impaired. Other assets are tested for impairment whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. An impairment loss is recognized for the amount by which the asset's carrying amount exceeds its recoverable amount. The recoverable amount is the higher of an asset's fair value less costs of disposal and value in use. Non-financial assets other than goodwill that suffered an impairment are reviewed for possible reversal of the impairment at the end of each reporting period.

2.13 Trade and Other Payables

These amounts represent liabilities for goods and services provided to the Company prior to the end of reporting period which are unpaid. The amounts are unsecured and are usually paid within 30 days of recognition. Trade and other payables are presented as current liabilities, unless payment is not due within 12 months after the reporting period. They are recognized initially at their fair value and subsequently measured at amortized cost using the effective interest method.

2.14 Financial Liabilities

(a) Classification and measurement

The Company's financial liabilities at fair value through profit or loss are embedded derivatives that are separated from compound financial instruments issued by the Company.

The Company classifies non-derivative financial liabilities, except for financial liabilities at fair value through profit or loss, financial guarantee contracts and financial liabilities that arise when a transfer of financial assets does not qualify for derecognition, as financial liabilities carried at amortized cost and present as 'trade and other payables', and 'borrowings' in the statement of financial position.

(b) Derecognition

Financial liabilities are removed from the statement of financial position when it is extinguished; for example, when the obligation specified in the contract is discharged or cancelled or expired or when the terms of an existing financial liability are substantially modified. The difference between the carrying amount of a financial liability extinguished or transferred to another party and the consideration paid (including any non-cash assets transferred or liabilities assumed) is recognized in profit or loss.

2.15 Financial Guarantee Contracts

Financial guarantee contracts are recognized as a financial liability at the time the guarantee is issued. The liability is initially measured at fair value, subsequently at the higher of following and recognized in the statement of financial position within 'other financial liabilities'.

- the amount determined in accordance with the expected credit loss model under Korean IFRS 1109 Financial Instruments and
- the amount initially recognized less, where appropriate, the cumulative amount of income recognized in accordance with Korean IFRS 1115 Revenue from Contracts with Customers

2.16 Provisions

Provisions are recognized when the Company has a present legal or constructive obligation as a

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result of past events, it is probable that an outflow of resources will be required to settle the obligation and the amount can be reliably estimated. Provisions are measured at the present value of management's best estimate of the expenditure required to settle the present obligation at the end of the reporting period, and the increase in the provision due to the passage of time is recognized as interest expense.

2.17 Current and Deferred Tax

The tax expense for the period consists of current and deferred tax. Current and deferred tax is recognized in profit or loss, except to the extent that it relates to items recognized in other comprehensive income or directly in equity. In this case, the tax is also recognized in other comprehensive income or directly in equity, respectively.

The current income tax expense is measured at the amount expected to be paid to the taxation authorities, using the tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. Management periodically evaluates positions taken in tax returns with respect to situations in which applicable tax regulation is subject to interpretation, and considers whether it is probable that a taxation authority will accept an uncertain tax treatment. The Company measures its tax balances either based on the most likely amount or the expected value, depending on which method provides a better prediction of the resolution of the uncertainty.

Deferred income tax is provided in full, using the liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the separate financial statements. However, deferred income tax is not accounted for if it arises from initial recognition of an asset or liability in a transaction other than a business combination that at the time of the transaction affects neither accounting profit nor taxable profit or loss.

Deferred tax assets are recognized only if it is probable that future taxable amounts will be available to utilize those temporary differences and losses.

The Company recognizes a deferred tax liability all taxable temporary differences associated with investments in subsidiaries, except to the extent that the Company is able to control the timing of the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. In addition, The Company recognizes a deferred tax asset for all deductible temporary differences arising from such investments to the extent that it is probable the temporary difference will reverse in the foreseeable future and taxable profit will be available against which the temporary difference can be utilized.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets and liabilities and when the deferred tax balances relate to the same taxation authority. Current tax assets and tax liabilities are offset when the Company has a legally enforceable right to offset and intends either to settle on a net basis, or to realize the assets and settle the liability simultaneously.

2.18 Employee Benefits

(a) Post-employment benefits

The Company operates both defined contribution and defined benefit plans.

For defined contribution plans, the Company pays contribution to publicly or privately administered pension insurance plans on mandatory, contractual or voluntary basis. The Company has no further payment obligation once the contribution has been paid. The contribution is recognized as employee benefit expense when they are due.

A defined benefit plan is a pension plan that is not a defined contribution plan. Generally, post-employment benefits are payable after the completion of employment, and the benefit amount depended on the employee's age, periods of service or salary levels. The liability recognized in the statement of financial position in respect of defined benefit pension plans is the present value of the defined benefit obligation at the end of the reporting period less the fair value of plan assets. The defined benefit obligation is calculated annually by independent actuaries using the projected unit credit method. The present value of the defined benefit obligation is determined by discounting the estimated future cash outflows using interest rates of high-quality corporate bonds that are denominated in the currency in which the benefits will be paid, and that have terms approximating to the terms of the related obligation. Remeasurement gains and losses arising from experience adjustments and changes in actuarial assumptions are recognized in the period in which they occur, directly in other comprehensive income.

Changes in the present value of the defined benefit obligation resulting from plan amendments or curtailments are recognized immediately in profit or loss as past service costs.

(b) Share-based payments

Under cash-settled share-based payment plan, the Company compensates the difference of the fair value and exercise price of option as the consideration for employee services received. Total expense that will be recognized over the vesting period is determined by reference to the fair value of the option grated. Until the liability is settled, the Company is required to remeasure the fair value of the liability at the end of each reporting period and at the date of settlement, with any changes in value recognized in profit or loss for the year.

(c) Other long-term employee benefits

The Company provides long-term employee benefits that are entitled to employees with service period for five years and above. The expected costs of these benefits are accrued over the period of employment using the same accounting methodology as used for defined benefit pension plans. The Company recognizes service cost, net interest on other long-term employee benefits and remeasurements as profit or loss for the year. These liabilities are valued annually by an independent qualified actuary.

2.19 Revenue Recognition

The Company recognizes revenue by applying the following five-step revenue recognition model to all contracts with customers that are included in the scope of Korean IFRS 1115 *Revenue from contracts with customers*.

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A new five-step process must be applied before revenue from contract with customers can be recognized:

- Identify contracts with customers
- Identify the separate performance obligation
- Determine the transaction price of the contract
- · Allocate the transaction price to each of the separate performance obligations, and
- Recognize the revenue as each performance obligation is satisfied.

(a) Identify performance obligation

The Company is engaged in the business of precision cleaning and regeneration of semiconductor and LCD-related precision parts and selling them to customers. The Company identifies separate performance obligation (a) if the customer can benefit from the good or service on its own or together with other resources that are readily available to the customer, and (b) if the entity's promise to transfer the good or service to the customer is separately identifiable from other promises in the contract. For each performance obligation, the Company determines the time of revenue recognition whether it satisfies the performance obligation at a point in time or over time.

(b) A performance obligation is satisfied at a point in time

Revenue from sales of goods is recognized when assets are transferred and then performance obligations are fulfilled. The performance obligation satisfied at a point in time is satisfied at the time of transferring control of the goods or services to the customer. The Company considers following indicators of the transfer of control to determine the point in time at which the entity satisfies a performance obligation.

- The entity has a present right to payment for the asset.
- The customer has legal title to the asset.
- The entity has transferred physical possession of the asset
- The customer has the significant risks and rewards of ownership of the asset
- The customer has accepted the asset

(c) Sales-based or usage-based royalties

The Company has entered into a royalty agreement and others with subsidiaries. In accordance with Korean IFRS 1115, the Company recognizes revenue for a sales-based or usage-based royalty promised in exchange for a license of intellectual property only when (or as) the later of the following events occurs:

the subsequent sale or usage occurs; and

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 the performance obligation to which some or all of the sales-based or usage-based royalty has been allocated has been satisfied.

(d) Variable consideration

If the consideration promised in a contract includes a variable amount, the Company shall estimate the amount of consideration to which the Company will be entitled in exchange for transferring the promised goods or services to a customer. An amount of consideration can vary because of discounts, rebates, refunds, credits, price concessions, incentives, performance bonuses, penalties or other similar items. The promised consideration can also vary if the Company's entitlement to the consideration is contingent on the occurrence or non-occurrence of a future event. For example, an amount of consideration would be variable if either a product was sold with a right of return or a fixed amount is promised as a performance bonus on achievement of a specified milestone.

(e) Significant financing component

In determining the transaction price, the Company adjusts the promised amount of consideration for the effects of the time value of money if the timing of payments agreed to by the parties to the contract provides the customer or the entity with a significant benefit of financing the transfer of goods or services to the customer.

As a practical expedient, the Company does not adjust the promised amount of consideration for the effects of a significant financing component if the entity expects, at contract inception, that the period between when the entity transfers a promised goods or services to a customer and when the customer pays for that goods or services will be one year or less.

(f) Allocating the transaction price

The Company allocates the transaction price to various performance obligations identified in one contract based on their relative stand-alone selling prices.

2.20 Leases

(a) Lessor

Lease income from operating leases where the Company is a lessor is recognized in income on a straight-line basis over the lease term. Initial direct costs incurred in obtaining an operating lease are added to the carrying amount of the underlying asset and recognized as expense over the lease term on the same basis as lease income. The respective leased assets are included in the statement of financial position based on their nature.

(b) Lessee

The Company leases various properties and vehicles. Lease contracts are typically made for fixed periods of 1 to 2 years, but may have extension options as described in (c) below.

Contracts may contain both lease and non-lease components. The Company allocates the

consideration in the contract to the lease and non-lease components based on their relative standalone prices. However, for leases of real estate for which the Company is lessee, the Company applies the practical expedient which has elected not to separate lease and non-lease components and instead accounts for these as a single lease component.

Lease terms are negotiated on an individual basis and contain a wide range of different terms and conditions. The lease agreements do not impose any covenants, but leased assets may not be used as security for borrowing purposes.

The Company determines the lease term as the non-cancellable period of a lease, together with both (a) periods covered by an option to extend the lease if the lessee is reasonably certain to exercise that option; and (b) periods covered by an option to terminate the lease if the lessee is reasonably certain not to exercise that option. When the lessee and the lessor each has the right to terminate the lease without permission from the other party, the Company should consider a termination penalty in determining the period for which the contract is enforceable.

Assets and liabilities arising from a lease are initially measured on a present value basis. Lease liabilities include the net present value of the following lease payments:

- Fixed payments (including in-substance fixed payments), less any lease incentives receivable
- Variable lease payment that are based on an index or a rate, initially measured using the index or rate as at the commencement date
- Amounts expected to be payable by the Company (the lessee) under residual value guarantees
- The exercise price of a purchase option if the Company (the lessee) is reasonably certain to exercise that option, and
- Payments of penalties for terminating the lease, if the lease term reflects the Company (the lessee) exercising that option

The lease payments are discounted using the interest rate implicit in the lease. If that rate cannot be determined, the lessee's incremental borrowing rate is used, being the rate that the lessee would have to pay to borrow the funds necessary to obtain an asset of similar value in a similar economic environment with similar terms and conditions.

To determine the incremental borrowing rate, the Company:

- where possible, uses recent third-party financing received by the individual lessee as a starting point, adjusted to reflect changes in financing conditions since third party financing was received, and
- makes adjustments specific to the lease, for example term, country, currency and security.

Each lease payment is allocated between the liability and finance cost. The finance cost is

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charged to profit or loss over the lease period so as to produce a constant periodic rate of interest on the remaining balance of the liability for each period.

Right-of-use assets are measured at cost comprising the following:

- the amount of the initial measurement of lease liability
- any lease payments made at or before the commencement date less any lease incentives received
- · any initial direct costs, and
- · restoration costs

The right-of-use asset is depreciated over the shorter of the asset's useful life and the lease term on a straight-line basis. If the Company is reasonably certain to exercise a purchase option, the right-of-use asset is depreciated over the underlying asset's useful life.

Payments associated with short-term leases and leases of low-value assets are recognized on a straight-line basis as an expense in profit or loss. Short-term leases are leases with a lease term of 12 months or less without a purchase option. Low-value assets mainly comprise office furniture.

(c) Extension and termination options

Extension and termination options are included in a number of property and equipment leases across the Company. These terms are used to maximize operational flexibility in terms of managing contracts.

2.21 Investments in Subsidiaries

The financial statements of the Company are the separate financial statements prepared in accordance with Korean IFRS 1027 *Separate Financial Statements*. Investments in subsidiaries are accounted for using equity method. Also, the Company recognizes dividend income from subsidiaries as a deduction from carrying amounts of investments accounted for using equity method when its right to receive the dividend is established.

2.22 Segment Reporting

Information of each operating segment is reported in a manner consistent with the internal business segment reporting provided to the chief operating decision-maker (Note 38). The chief operating decision-maker is responsible for allocating resources and assessing performance of the operating segments.

2.23 Approval of Issuance of the Financial Statements

The separate financial statements 2023 were approved for issue by the Board of Directors on February 28, 2024 and are subject to change with the approval of shareholders at their Annual General Meeting.

3. Critical Accounting Estimates and Assumptions

The preparation of financial statements requires the Company to make estimates and assumptions concerning the future. Management also needs to exercise judgement in applying the Company's accounting policies. 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. As the resulting accounting estimates will, by definition, seldom equal the related actual results, it can contain a significant risk of causing a material adjustment.

The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below. Additional information of significant judgement and assumptions of certain items are included in relevant notes.

(a) Income taxes

The Company's taxable income generated from these operations are subject to income taxes based on tax laws and interpretations of tax authorities in numerous jurisdictions. There are many transactions and calculations for which the ultimate tax determination is uncertain (Note 33).

If certain portion of the taxable income is not used for investments or increase in wages or dividends for a certain period, the Company is liable to pay additional income tax calculated based on the tax laws. Accordingly, the measurement of current and deferred income tax is affected by the tax effects for such period. As the Company's income tax is dependent on the investments, increase in wages and dividends, there is an uncertainty measuring the final tax effects.

(b) 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 judgment to select a variety of methods and make assumptions that are mainly based on market conditions existing at the end of each reporting period (Note 7).

(c) Impairment of financial assets

The provisions for impairment for financial assets are based on assumptions about risk of default and expected loss rates. The Company uses judgement in making these assumptions and selecting the inputs to the impairment calculation based on the Company's past history, existing market conditions as well as forward looking estimates at the end of each reporting period (Note 6.2).

(d) Net defined benefit liability

The present value of net defined benefit liability depends on a number of factors that are determined on an actuarial basis using a number of assumptions including the discount rate (Note

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23).

4. Cash and Cash Equivalents

Cash and cash equivalents as at December 31, 2023 and 2022, consist of:

(in thousands of Korean won)		2023		2022
Bank deposits and others	₩	27,803,349	₩	17,845,007
	₩	27,803,349	₩	17,845,007

5. Short-term Financial Instruments

Short-term financial instruments as at December 31, 2023 and 2022, consist of:

(in thousands of Korean won)		2022			
Time deposits and instalments	₩	12,868,200	₩	29,000,000	
	₩	12,868,200	₩	29,000,000	

6. Financial Risk Management

The Company's activities expose it to a variety of financial risks: market risk, credit risk and liquidity risk. The Company's overall risk management program focuses on the unpredictability of financial markets and seeks to minimize any adverse effects on the financial performance of the Company.

6.1 Market Risk

(a) Foreign currency risk

The Company operates internationally and is exposed to foreign currency risk, primarily the US dollar. Foreign currency risk arises when future commercial transactions and recognized assets and liabilities are denominated in currencies that are not the Company entities' functional currencies. Monetary assets and liabilities denominated in foreign currencies other than functional currencies as at December 31, 2023 and 2022, are as follows:

(in thousands of	thousands of 2023				2022				
Korean won)	Korean won Foreign amount equivalent		Forei	gn amount	Korean won equivalent				
Assets									
Cash and cash									
equivalents	USD	8,664,268	₩	11,171,707	USD	5,283,542	₩	6,695,833	
	JPY	160,830,911		1,467,839	JPY	90,952,474		866,941	
Short-term financial									
instruments	USD	3,000,000		3,868,200	USD	-		-	

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Trade receivables	USD	400,106		515,896	USD	1,102,494		1,397,191
	JPY	13,316,380		121,533	JPY	5,929,000		56,514
Other receivables	USD	1,276,508		1,645,930	USD	1,173,386		1,487,033
	CNY	396,820		71,761	CNY	484,881		87,977
			₩	18,862,866			₩	10,591,489
Liabilities								_
Trade payables	USD	575	₩	741	USD	78,698	₩	99,734
Other payables	USD	220,394		284,176	USD	93,152		118,052
			₩	284,917			₩	217,786

As at December 31, 2023 and 2022, if the currency, Korean won, had increased/decreased by 10% with all other variables held constant against the foreign currency, the impact on pre-tax profit would be as follows:

(in thousands of		20	23	2022				
Korean won)	Inc	rease 10%	Decrease 10%	Increase 10%		Dec	crease 10%	
USD/Korea won	₩	1,691,682	₩ (1,691,682)	₩	936,227	₩	(936,227)	
JPY/Korea won		158,937	(158,937)		92,345		(92,345)	
CNY/Korea won		7,176	(7,176)		8,798		(8,798)	
	₩	1,857,795	₩ (1,857,795)	₩	1,037,370	₩	(1,037,370)	

The sensitivity analysis shown above is for monetary assets and liabilities denominated in foreign currency other than the Company's functional currency as at December 31, 2023 and 2022.

(b) Interest rate risk

Interest rate risk of the Company is defined as the risk that the interest expenses arising from borrowings will fluctuate due to changes in future market interest rate. The interest rate risk mainly arises through floating rate short-term borrowings. The objective of interest rate risk management lies in maximizing corporate value by minimizing uncertainty caused by fluctuations in interest rates and net interest expenses.

The Company adequately minimizes risks from interest rate fluctuations through various policies, such as sharing excess cash within the Company (internal cash sharing) to minimize external borrowings, avoiding high rate borrowings, reforming capital structure, managing an appropriate ratio of fixed rate borrowings and floating rate borrowings, monitoring a fluctuation of domestic and foreign interest rates daily, weekly and monthly, establishing alternatives, and balancing floating rate short-term borrowings with floating rate deposits.

The exposure of the Company's borrowing to interest rate changes and the contractual re-pricing dates of the borrowings at the end of the reporting period are as follows:

(in thousands of	2023				2022				
Korean won)	Amount		Ratio		Amount	Ratio			
Borrowings with floating rate Borrowings with fixed rate – maturity dates:	₩	5,000,000	5%	₩	15,000,000	66%			
Less than 1 year		28,850,000	28%		7,600,000	34%			
1 to 5 years		68,750,000	67%						
	₩	102,600,000	100%	₩	22,600,000	100%			

As at December 31, 2023 and 2022, if the interest rate had increased/decreased by 1% with all other variables held constant, the impact of interest expenses related to borrowings with floating rate on pre-tax profit would be as follows:

(in thousands of	2023					2022					
Korean won)	Incr	ease 1%	Decrease 1%		Increase 1%			Decrease 1%			
Interest expenses	₩	(50,000)	₩	50,000	₩	(150,000)	₩	150,000			

(c) Price risk

The Company has completed the sale of equity securities held by the Company classified as financial assets at fair value through other comprehensive income.

The Company does not hold equity securities exposed to price risk.

6.2 Credit Risk

The Company is exposed to credit risk which arises during the investing activities where other parties fail to discharge an obligation. Credit risk usually arises from outstanding trade and other receivables, debt securities, financial institution deposits and others.

To manage the credit risk, the Company implements and operates policies and procedures for credit enhancements of the financial assets. Also, the Company has been provided collateral and payment guarantees from customer before sales commence and analysis of financial assets past due has been reported, and appropriate measures have been taken to secure the Company's assets.

(a) Risk management

To manage credit risk, the Company establishes and operates policies and procedures for security of financial assets. If corporate customers are independently rated, these ratings are used.

Otherwise, if there is no independent rating, risk control assesses the credit quality of the customer,

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taking into account its financial position, past experience and other factors. Individual risk limits are set based on internal or external ratings in accordance with limits set by the Board. The compliance with credit limits by corporate customers is regularly monitored by line management. Sales to individual customers are required to be settled in cash or using major credit cards, mitigating credit risk. There are no significant concentrations of credit risk, whether through exposure to individual customers, specific industry sectors and/or regions.

(b) Security

Upon the contracts with new customers, the Company has been provided with collateral or payment guarantees from the customers. For delayed collection of financial assets, current state and collection measures are reported, and appropriate actions are taken in accordance with the reason for any delays.

(c) Impairment of financial assets

The Company has two types of financial assets that are subject to the expected credit loss model:

- · trade receivables for sales of goods and provision of services, and
- · other receivables carried at amortized cost

While cash equivalents are also subject to the impairment requirement, the identified impairment loss was immaterial.

A. Trade receivables

The Company applies the simplified approach to measuring expected credit losses which uses a lifetime expected allowance for credit losses for all trade receivables.

To measure the expected credit losses, trade receivables and contract assets have been grouped based on shared credit risk characteristics and the days past due.

The expected loss rates are based on the payment profiles of sales over a period of 12 month before the end of reporting period, and the corresponding historical credit losses experienced within this period.

On that basis, the allowance for credit losses as at December 31, 2023 and 2022, was determined as follows for trade receivables:

(in thousands of Korean won)		Current		ore than 30 days past due		ore than 60 days past due		lore than days past due		Total
December 31, 2023										
Expected loss rate		0.00%		0.00%		0.00%		100.00%		
Gross carrying amount – trade receivables	₩	7,460,584	₩	101,047	₩	15,884	₩	53,860	₩	7,631,375
Allowance for credit losses provision		-		-		-		53,860		53,860
December 31, 2022										
Expected loss rate		0.00%		0.00%		0.00%		100.00%		
Gross carrying amount – trade receivables	₩	10,269,634	₩	10,812	₩	12,610	₩	53,860	₩	10,346,916
Allowance for credit losses provision		-		-		-		53,860		53,860

There is no movement in the allowance for credit losses for trade receivables for the years ended December 31, 2023 and 2022.

Trade receivables are written off when there is no reasonable expectation of recovery. Indicators that there is no reasonable expectation of recovery include, amongst others, the failure of a debtor to engage in a repayment plan with the Company.

Impairment losses on trade receivables are presented as net bad debt expenses in the statement of comprehensive income. Subsequent recoveries of amounts previously written off are credited against the same line item.

B. Other receivables amortized cost

Other receivables at amortized cost include short-term and long-term loans, non-trade receivables, deposits provided and others.

There is no allowance for credit losses provision for other receivables at amortized cost for the years ended December 31, 2023 and 2022.

(d) Maximum exposure of credit risk

The maximum exposure of credit risk to financial assets held by the Company as at December 31, 2023 and 2022, is as follows. However, the value of acquired collaterals and the effects from other security are not considered.

(in thousands of Korean won)		2023	2022		
Cash and cash equivalents	₩	27,803,349	₩	17,845,007	
Short-term financial instruments		12,868,200		29,000,000	
Financial assets at fair value through profit or loss		23,485,909		17,036,074	
Trade receivables		7,577,515		10,293,056	
Other receivables		4,319,155		3,220,660	
	₩	76,054,128	₩	77,394,797	
(in USD)	2023			2022	
Financial guarantee contracts ¹	USD	77,350,000	USD	83,850,000	

¹ As financial guarantee liabilities and the Company's maximum exposure related to the financial guarantee contracts is the maximum amount that the Company is obliged to pay if the guarantee is called on under the related payment guarantee contracts (Note 36).

6.3 Liquidity Risk

The Company monitors the rolling forecasts of the Company's liquidity requirements to ensure it has sufficient cash to meet operational needs while maintaining sufficient headroom on its undrawn committed borrowing facilities at all times so that the Company does not breach borrowing limits or covenants on any of its borrowing facilities. Such forecasting takes into consideration the Company's debt financing plans, covenant compliance, compliance with internal financial ratio targets and, if applicable, external regulatory or legal requirements – for example, currency restrictions.

The table below analyses the Company's financial liabilities into relevant maturity based on the remaining period at the financial reporting date to the contractual maturity date. The amounts disclosed in the table are the contractual undiscounted cash flows and include interest:

(in thousands of Korean won)				20				
	L	ess than	Between			Between		
		1 year	1 a	nd 2 years	2 a	and 5 years		Total
Trade payables	₩	2,559,319	₩	-	₩	-	₩	2,559,319
Derivative liabilities		3,423,901		-		-		3,423,901
Short-term borrowings		33,391,117		-		-		33,391,117
Other payables		4,990,779		-		-		4,990,779
Current portion of long-term								
borrowings		2,226,668		-		-		2,226,668
Current lease liabilities		314,435		-		-		314,435
Long-term borrowings		2,335,381		5,742,125		67,460,180		75,537,686
Non-current lease liabilities		-		191,967		147,719		339,686
Financial guarantee contracts ¹		99,735,090						99,735,090
	₩	148,976,690	₩	5,934,092	₩	67,607,899	₩	222,518,681

¹ As financial guarantee liabilities to related parties of the Company, it is the maximum amount of financial guarantees and allocated to the earliest period in which the Company can be required to make payments (Note 36).

(in thousands of Korean won)		20		
	Less than	Between	Between	
	1 year	1 and 2 years	2 and 5 years	Total
Trade payables	₩ 3,577,741	₩ -	₩ -	₩ 3,577,741
Derivative liabilities	1,570,892	-	-	1,570,892
Short-term borrowings	23,092,527	-	-	23,092,527
Other payables	6,632,641	-	-	6,632,641
Current lease liabilities	337,679	-	-	337,679
Non-current lease liabilities	-	209,535	95,864	305,398
Financial guarantee contracts ¹	106,263,105			106,263,105
	₩ 141,474,585	₩ 209,535	₩ 95,864	₩ 141,779,983

¹ As financial guarantee liabilities to related parties of the Company, it is the maximum amount of financial guarantees and allocated to the earliest period in which the Company can be required to make payments (Note 36).

6.4 Capital Risk Management

The Company's objectives when managing capital are to safeguard the Company's ability to continue as a going concern, so the Company can continue to provide returns for shareholders and benefits for other stakeholders, and to maintain an optimal capital structure to reduce the cost of capital.

In order to maintain or adjust the capital structure, the Company may adjust the amount of dividends paid to shareholders or return capital to shareholders, issue new shares or sell assets to reduce debt.

Consistent with others in the industry, the Company monitors capital on the basis of the gearing ratio. This ratio is calculated as net debt divided by total capital. Net debt is total borrowings less cash and cash equivalents and short-term financial instruments. Total capital is 'equity' as shown in the separate statement of financial position plus net debt.

The gearing ratios as at December 31, 2023 and 2022, were as follows:

(in thousands of Korean won)		2023		2022
Total borrowings Less: cash and cash equivalents and short-term	₩	102,600,000	₩	22,600,000
financial instruments		40,671,549		46,845,007
Net debt		61,928,451		(24,245,007)
Total equity		224,643,951		258,685,858
Total capital	₩	286,572,402	₩	234,440,851
Gearing ratio		21.61%		-10.34%

7. Fair Value

7.1 Fair Value of Financial Instruments by Category

Carrying amount and fair value of financial instruments by category as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		20		2022				
	Carrying amount		Fair value		Carrying amount		Fair value	
Assets								
Financial assets measured at fair value:								
Other financial assets								
Financial assets at fair value through other comprehensive income Financial assets at fair value through profit or	₩	-	₩	-	₩	3,766,547	₩	3,766,547
loss		23,485,909		23,485,909		17,036,074		17,036,074
Financial assets not measured at fair value ¹ :								
Cash and cash equivalents	₩	27,803,349	₩	27,803,349	₩	17,845,007	₩	17,845,007
Short-term financial instruments		12,868,200		12,868,200		29,000,000		29,000,000
Trade receivables		7,577,515		7,577,515		10,293,056		10,293,056
Other receivables		4,319,155		4,319,155		3,220,660		3,220,660
	₩	76,054,128	₩	76,054,128	₩	81,161,344	₩	81,161,344
Liabilities								
Financial liabilities measured at fair value:								
Other financial liabilities								
Financial liabilities at fair value through profit or		0.400.004		0.400.004	14/	4 570 000		4 570 000
loss	₩	3,423,901	₩	3,423,901	₩	1,570,892	₩	1,570,892
Financial liabilities not measured at fair value ¹ :		0.550.040		0.550.040				
Trade payables	₩	2,559,319	₩	2,559,319	₩	3,577,741	₩	3,577,741
Other payables		4,990,779		4,990,779		6,632,641		6,632,641
Borrowings		102,600,000		102,600,000		22,600,000		22,600,000
Other financial liabilities		10,017,639		10,017,639		8,463,880		8,463,880
	₩	123,591,638	₩	123,591,638	₩	42,845,154	₩	42,845,154
Lease liabilities ¹ :								
Lease liabilities	₩	623,201	₩	623,201	₩	627,436	₩	627,436

¹ Financial assets and liabilities not measured at fair value and lease liabilities use their carrying amount as fair value as it is determined that the carrying amount is a reasonable approximation of fair value.

7.2 Fair Value Hierarchy

Items that are measured at fair value or of which fair values are disclosed are categorized by the fair value hierarchy levels, and the defined levels are as follows:

- Quoted prices (unadjusted) in active markets for identical assets or liabilities that an entity can access at the measurement date (Level 1).
- All inputs other than quoted prices included in level 1 that are observable (either directly that is, prices, or indirectly that is, derived from prices) for the asset or liability (Level 2).
- Unobservable inputs for the asset or liability (Level 3).

Fair value hierarchy classifications of the financial instruments that are measured at fair value or of which fair values are disclosed as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023								
	Level 1	Level 2	Level 3	Total					
Assets									
Other financial assets Financial assets at fair value through profit or loss	₩ -	₩ - ₩	⁴ 23,485,909	₩ 23,485,909					
Liabilities									
Other financial liabilities Financial liabilities at fair value through profit or loss	-	-	3,423,901	3,423,901					
(in thousands of Korean won)		2022							
	Level 1	Level 2	Level 3	Total					
Assets Other financial assets Financial assets at fair value through									
other comprehensive income Financial assets at fair value through	₩ 2,436,547	₩ 1,330,000 ₩	-	₩ 3,766,547					
profit or loss	-	-	17,036,074	17,036,074					
Liabilities									
Other financial liabilities Financial liabilities at fair value through profit or loss	-	-	1,570,892	1,570,892					

7.3 Transfers Between Fair Value Hierarchy Levels

Changes in financial instruments classified as level 3 for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		20	23		2022				
	Financial assets		Financial liabilities		Financial assets		Financial liabilities		
Beginning balance Amount recognized in other	₩	17,036,074	₩	1,570,892	₩	869,438	₩	-	
comprehensive income (valuation)		6,449,835		1,853,009		69,413		(395,769)	
Acquisition		-		-		16,966,660		1,966,660	
Transfer to level 21				_		(869,438)		_	
Ending balance	₩	23,485,909	₩	3,423,901	₩	17,036,074	₩	1,570,892	

¹ The financial instruments have been transferred to Level 2 as the Company entered into a share purchase agreement in December 2022, and the purchasing price of shares was carried at fair value (Note 10).

7.4 Valuation Techniques and the Inputs

Valuation techniques used in the fair value measurements categorized within Level 3 of the fair value hierarchy as at December 31, 2023, are as follows:

(in thousands of Korean won)			202	12	
Norean won			Valuation		Range of
	Fair value	Level	techniques	Inputs	inputs
Assets					
			Discounted cash	Volatility	42.34%
Financial assets at			flow model,	Discount rate	13.67%
fair value through profit or loss			Weighted average discount rate	13.66%	
•			and others	Perpetual growth rate	0.00%
Liabilities					
Financial liabilities			Discounted cash	Volatility	42.34%
at fair value			flow model,	Discount rate	13.67%
through profit or loss	through profit or 3,423,901 3 Binomial appro	Binomial model approach,	Weighted average discount rate	13.66%	
	and others		Perpetual growth rate	0.00%	

7.5 Valuation Processes for Fair Value Measurements Categorized as Level 3

The Company's finance department performs the fair value measurements required for financial reporting purposes, including level 3 fair values. The finance department reports directly to the chief financial officer (CFO) and internal auditor. Discussions of valuation process and result are held between the CFO, internal auditor and the valuation team at quarterly basis, in line with the Company's quarterly reporting periods.

7.6 Sensitivity Analysis for Recurring Fair Value Measurements Categorized as Level 3

Sensitivity analysis of financial instruments is performed to measure favorable and unfavorable changes in the fair value of financial instruments which are affected by the unobservable parameters, using a statistical technique. When the fair value is affected by more than two input parameters, the most favorable or most unfavorable amounts are presented.

The results of the sensitivity analysis for the effect on pre-tax profit or loss and pre-tax equity from changes in inputs for each financial instrument for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023							
	Favora	ble changes	Unfavorable changes					
Financial assets								
Financial assets at fair value through profit or loss ¹ Financial liabilities	₩	2,060,357	₩	(1,944,672)				
Financial liabilities at fair value through profit or loss ¹		752,454		(799,187)				
(in thousands of Korean won)	2022							
	Favora	ble changes	Unfavorable changes					
Financial assets Financial assets at fair value through profit or loss ¹	₩	1,172,289	₩	(910,752)				
Financial liabilities								
Financial liabilities at fair value through profit or loss ¹		367,073		(396,996)				

¹ For exchangeable bonds, changes in their fair value are calculated by increasing or decreasing share value of underlying assets which are key unobservable inputs by 10%.

8. Financial Instruments by Category

8.1 Carrying Amounts of Financial Instruments by Category

Carrying amounts of financial assets and liabilities, and lease liabilities by category as at December 31, 2023 and 2022, are as follows:

2023									
	Financial assets at								
Finan	icial assets at	fair v	alue through						
am	ortized cost	pr	ofit or loss		Total				
₩	27,803,349	₩	-	₩	27,803,349				
	12,868,200		-		12,868,200				
	7,577,515		-		7,577,515				
	4,319,155		-		4,319,155				
ī-			23,485,909		23,485,909				
₩	52,568,219	₩	23,485,909	₩	76,054,128				
	amo	12,868,200 7,577,515 4,319,155	Financial assets at amortized cost fair v pr	Financial assets at fair value through profit or loss ₩ 27,803,349 ₩ - 12,868,200 - 7,577,515 - 4,319,155 - 23,485,909	Financial assets at fair value through profit or loss ₩ 27,803,349 ₩ - ₩ 12,868,200 - 7,577,515 - 4,319,155 - 23,485,909				

(in thousands of Korean won)	2022									
		cial assets at rtized cost	Financial assets at fair value through other comprehensive income			Financial assets at fair value through profit or loss		Total		
Financial assets										
Cash and cash equivalents	₩	17,845,007	₩	-	₩	-	₩	17,845,007		
Short-term financial instruments		29,000,000		-		-		29,000,000		
Trade receivables		10,293,057		-		-		10,293,057		
Other receivables		3,220,660		-		-		3,220,660		
Other current financial assets		-		1,330,000		-		1,330,000		
Other non-current financial assets	ī-			2,436,547		17,036,074		19,472,621		
	₩	60,358,724	₩	3,766,547	₩	17,036,074	₩	81,161,345		

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(in thousands of	2023									
Korean won)	li	Financial abilities at ortized cost	Financial liabilities at fair value through profit or loss			Financial guarantee liabilities		Total		
Financial liabilities										
Trade payables	₩	2,559,319	₩	-	₩	-	₩	2,559,319		
Short-term borrowings		32,600,000		-		-		32,600,000		
Other payables Other current financial		4,990,779		-		-		4,990,779		
liabilities Current portion of long-		-		3,423,901		8,557,482		11,981,383		
term borrowings		1,250,000		-		-		1,250,000		
Long-term borrowings Other non-current		68,750,000		-		-		68,750,000		
financial liabilities		<u>-</u>	-			1,460,158		1,460,158		
	₩	110,150,098	₩	3,423,901	₩	10,017,640	₩	123,591,639		
(in thousands of	2022									
Korean won)	Financial liabilities at amortized cost		Financial liabilities at fair value through profit or loss			Financial guarantee liabilities		Total		
Financial liabilities										
Trade payables	₩	3,577,741	₩	-	₩	-	₩	3,577,741		
Short-term borrowings		22,600,000		-		-		22,600,000		
Other payables Other current financial		6,632,640		-		-		6,632,640		
liabilities Other non-current		-		1,570,892		6,736,763		8,307,655		
financial liabilities				-		1,727,117		1,727,117		
	₩	32,810,381	₩	1,570,892	₩	8,463,880	₩	42,845,153		

8.2 Net Gains or Losses by Category of Financial Instruments

Net gains or losses on each category of financial instruments for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023	2022
Financial assets at fair value through profit or loss			
Gain on valuation	₩	6,449,835	₩ 69,413
Financial assets at amortized cost			
Interest income		2,007,415	912,677
Dividend income		-	79,200
Foreign exchange gain		241,896	845,877
Gain on foreign currency translation Financial assets at fair value through other		135,535	2,154
comprehensive income			
Loss on valuation		-	(1,722,178)
Financial liabilities at fair value through profit or loss			
Gain on valuation		-	395,769
Loss on valuation		(1,853,009)	-
Financial liabilities at amortized cost			
Interest expenses		(3,583,651)	(814,305)
Foreign exchange loss		(210,888)	(170,993)
Loss on foreign currency translation		(68,463)	(586,304)

9. Trade Receivables and Other Receivables

Trade and other receivables and their provisions for impairment as at December 31, 2023 and 2022, are as follows:

(in thousands of				2023				2022				
Korean won)	Trade and other receivables		Allowance for doubtful account		Trade and other receivables, net		Trade and other receivables		Allowance for doubtful account		Trade and other receivables, net	
Current assets												
Trade receivables	₩	7,631,375	₩	(53,860)	₩	7,577,515	₩	10,346,916	₩	(53,860)	₩ 10,293,056	3
Other receivables												
Non-trade receivables		2,425,273		-		2,425,273		1,810,693		-	1,810,693	3
Accrued income		77,134		-		77,134		234,521		-	234,521	1
Short-term loans		330,466		-		330,466		174,917		-	174,917	7
Deposits provided		128,300		_		128,300		103,300			103,300	2
		2,961,173		_		2,961,173		2,323,431		_	2,323,431	1
Non-current assets												
Other receivables												
Long-term loans		1,091,031		-		1,091,031		685,571		-	685,571	1
Deposits provided		266,950		_		266,950		211,658		_	211,658	3
		1,357,981		_		1,357,981		897,229		_	897,229	9
	₩	11,950,529	₩	(53,860)	₩	11,896,669	₩	13,567,576	₩	(53,860)	₩ 13,513,716	3

There are no movements in the allowance for doubtful account of trade and other receivables for the years ended December 31, 2023.

10. Other Financial Assets

Details of other financial assets as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023	2022		
Other current financial assets Financial assets at fair value through other comprehensive income	₩	-	₩	1,330,000	
Other non-current financial assets Financial assets at fair value through other					
comprehensive income		-		2,436,547	
Financial assets at fair value through profit or loss		23,485,909		17,036,074	
	₩	23,485,909	₩	20,802,621	

Details of financial assets at fair value through other comprehensive income as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023			2022
Financial assets at fair value through other comprehensive income				
Non-marketable equity securities ¹	₩	-	₩	1,330,000
Marketable equity securities ²				2,436,547
	₩		₩	3,766,547

¹ It was equity securities of Pavilion Asset Management Co., Ltd., and the Company has completed to sell the securities in 2023, as the share purchase agreement entered into in December 2022 was terminated.

² It was equity securities of MiCo BioMed Co., Ltd., and the Company has completed to sell the securities in 2023, as the securities were paid as consideration paid of share purchase agreement to purchase 2,605,639 ordinary shares (percentage of ownership: 47.84%) of MiCoCeramics Ltd. held by MiCo Ltd., the Parent Company.

Financial assets at fair value through other comprehensive income as at December 31, 2023 and 2022, consist of:

2022										
Number of shares	Percentage of ownership (%)			Carrying amount	Unrealized gains and losses					
507,614	2.77	₩ 2,999,999	₩ 2,436,547	₩ 2,436,547	₩ (563,452)					
100,000	9.90	1,003,300	1,330,000	1,330,000	326,700					
		₩ 4,003,299	₩ 3,766,547	₩ 3,766,547	₩ (236,752)					
	shares 507,614	Number of shares of ownership (%) 507,614 2.77	Number of shares Percentage of ownership (%) Acquisition cost 507,614 2.77 ₩ 2,999,999 100,000 9.90 1,003,300	Number of shares Percentage of ownership (%) Acquisition cost Fair value¹ 507,614 2.77 ₩ 2,999,999 ₩ 2,436,547 100,000 9.90 1,003,300 1,330,000	Number of shares Percentage of ownership (%) Acquisition cost Fair value¹ Carrying amount 507,614 2.77 ₩ 2,999,999 ₩ 2,436,547 ₩ 2,436,547 100,000 9.90 1,003,300 1,330,000 1,330,000					

¹ As at December 31, 2022, MiCo BioMed Co., Ltd. is measured at fair value based on KOSDAQ market closing price and Pavilion Asset Management evaluated the payment of the share purchase agreement in December 2022, at fair value (Note 7).

Details of financial assets at fair value through profit or loss as at December 31, 2023 and 2022, are as follows:

(In thousands of Korean won)		2023		2022
Financial assets at fair value through profit or loss				
Exchangeable bonds ¹	₩	23,485,909	₩	17,036,074

¹ For the year ended December 31, 2022, the Company acquired exchangeable bonds issued by MiCo Ltd., the Parent Company, which can be exchanged with registered ordinary shares of MiCo Ceramics Ltd. Exchangeable bonds held by the Company are measured at fair value as at December 31, 2023 (Note 7). Meanwhile, the option held by the issuer of the exchangeable bonds was separately recognized as derivative liabilities (Note 20).

11. Other Assets

Details of other assets as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023	2022			
Other current assets						
Advance payments ¹	₩	95,654	₩	355,706		
Prepaid expenses		454,995		146,281		
		550,649		501,987		
Other non-current assets						
Long-term prepaid expenses		1,460,158		2,138,326		
		1,460,158		2,138,326		
	₩	2,010,807	₩	2,640,313		
Advance payments ¹ Prepaid expenses Other non-current assets		454,995 550,649 1,460,158 1,460,158		146,281 501,987 2,138,326 2,138,326		

¹ As at December 31, 2023, ₩ 331,397 thousand (2022: ₩ 385,363 thousand) of allowance for doubtful account are included.

12. Inventories

Inventories as at December 31, 2023 and 2022, are as follows:

(in thousands of				2023		2022								
Korean won)	Acquisition cost		_	Valuation allowance		Carrying amount		cquisition cost		/aluation llowance	Carrying amount			
Finished goods	₩	366,536	₩	(68,800)	₩	297,736	₩	397,067	₩	(53,866)	₩	343,201		
Work in process		723,883		-		723,883		402,279		-		402,279		
Merchandises		45,148		(523)		44,625		40,877		(4,074)		36,803		
Raw materials		694,769		(1,642)		693,127		1,255,651		(114,270)		1,141,381		
	₩	1,830,336	₩	(70,965)	₩	1,759,371	₩	2,095,874	₩	(172,210)	₩	1,923,664		

Loss on valuation of inventories to net realizable value amounted to \forall 5,219 thousand (2022: reversal of loss on valuation of inventories of \forall 74,332 thousand). These were recognized as an expense during the year ended December 31, 2023 and included in 'cost of sales' in profit or loss.

Inventories recognized as an expense during the year ended December 31, 2023, amounted to \forall 75,296,973 thousand (2022: \forall 83,261,977 thousand). These were included in 'cost of sales'.

13. Investments in Subsidiaries

Details of investments in subsidiaries as at December 31, 2023 and 2022, are as follows:

(in thousands of			2023		2022				
Korean won)			Ownership interest (%)	Acquisition cost	Carrying amount				
KoMiCo Technology Inc	USA	100	₩ 19,084,587	₩ 72,687,433	100	₩ 19,084,587	₩ 74,894,795		
KoMiCo Technology (Wuxi) Ltd.	China	100	16,386,176	44,767,437	100	16,386,176	46,378,143		
KoMiCo Technology Taiwan Ltd.	Taiwan	100	9,101,965	23,362,410	100	9,101,965	23,353,336		
KoMiCo Technology Singapore Pte. Ltd	Singapore	100	-	-	100	-	-		
MiCoCeramics Ltd.1	Korea	47.84	53,018,412	66,605,112	-				
			₩ 97,591,140	₩ 207,422,392		₩ 44,572,728	₩ 144,626,274		

¹On May 30, 2023, the Company entered into a share purchase agreement to purchase 2,605,639 ordinary shares (percentage of ownership: 47.84%) of MiCoCeramics Ltd. held by MiCo Ltd., the Parent Company. The Company paid cash, assets and liabilities of the advanced materials division and 507,614 ordinary shares of MiCo BioMed Co., Ltd. as consideration paid, and the transaction was terminated on July 3, 2023 (deemed acquisition date: July 1, 2023), accordingly, the Company has obtained controls over MiCoCeramics Ltd. Although the Company owns less than 50% of the voting rights of MiCoCeramics Ltd., the Company concluded that the Company controls over the entity, and includes it as a subsidiary, with considering that the potential voting rights of the exchangeable bonds (percentage of ownership: 7.66%), which are exchangeable to ordinary shares of MiCoCeramics Ltd. held by the Company. As a business combination of entities under common control, the carrying amount of investments in subsidiaries from this transaction is recognized as carrying amount in the consolidated financial statements of the ultimate parent company. Also, the difference between the consideration paid and the carrying amount of the investments in subsidiaries was recognized as other reserves (Note 25).

Changes in investments in subsidiaries for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of								202	23							
Korean won)	an won) Beginning balance Acquisition Disposal Dividen		Dividende	Sh	are of profit	СО	re of other mprehen- ve income		Others	Ending balance						
		balance		equisition		Disposai		Dividends		01 1033	311	income		Others		balarice
KoMiCo																
Technology Inc.	₩	74,894,795	₩	-	₩	-	₩	(1,769,014)	₩	(1,837,185)	₩	1,398,837	₩	-	₩	72,687,433
KoMiCo																
Technology																
(Wuxi) Ltd.		46,378,143		-		(35,355)		(4,514,871)		3,144,135		(204,615)		-		44,767,437
KoMiCo																
Technology																
Taiwan Ltd.		23,353,336		-		(11,681)		(1,172,545)		806,357		386,943		-		23,362,410
KoMiCo																
Technology																
Singapore Pte.LTD¹																
		-		-		-		-		-		-		-		-
MiCoCeramics Ltd.				E0 040 440						10 510 500				44.400		00 005 440
Liu.				53,018,412						13,542,520				44,180		66,605,112
	₩	144,626,274	₩	53,018,412	₩	(47,036)	₩	(7,456,430)	₩	15,655,827	₩	1,581,165	₩	44,180	₩	207,422,392

¹ During the year ended December 31, 2023, the Company recognized ₩ 1,763,956 thousand of share of loss and ₩ (87,438) thousand of share of other comprehensive income for financial guarantee contract, which are net investments, among the unrecognized share of losses for KoMiCo Technology Singapore Pte.LTD.

(in thousands of	2022													
Korean won)	Beginning balance		Acquisition		Disposal		Dividends		Share of profit or loss		Share of other comprehensive income			Ending balance
KoMiCo Technology Inc. KoMiCo Technology	₩	64,713,936	₩	39,085	₩	-	₩	(1,415,907)	₩	7,054,219	₩	4,503,462	₩	74,894,795
(Wuxi) Ltd. KoMiCo Technology		40,127,765		-		(118,886)		-		7,767,815		(1,398,551)		46,378,143
Taiwan Ltd. KoMiCo Technology Singapore Pte.LTD ¹		19,938,188				- -		(573,099)		4,906,447		(918,200)		23,353,336
	₩ ′	124,779,889	₩	39,085	₩	(118,886)	₩	(1,989,006)	₩	19,728,481	₩	2,186,711	₩	144,626,274

 $^{^1}$ During the year ended December 31, 2022, the Company recognized orall 572,927 thousand of share of loss and orall (356,065) thousand of share of other comprehensive income for financial guarantee contract, which are net investments, among the unrecognized share of losses for KoMiCo Technology Singapore Pte.LTD.

Summarized financial information for subsidiaries as at and for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of			20	23		
Korean won)	Assets	Liabilities	Equity	Sales	Profit	Total comprehen- sive income
KoMiCo Technology Inc (consolidated) KoMiCo Technology (Wuxi) Ltd.	₩ 109,309,610	₩ 35,488,343	₩ 73,821,267	√ ₩ 53,518,743	₩ (1,219,029)	₩ 179,809
(consolidated) KoMiCo Technology	59,286,156	13,685,690	45,600,466	50,661,442	3,269,448	3,064,834
Taiwan Ltd. KoMiCo Technology	29,130,841	6,000,229	23,130,612	17,378,309	944,363	1,331,305
Singapore Pte. Ltd.	4,299,419	12,193,149	(7,893,730)	7,299,633	(1,639,319)	(1,726,757)
MiCoCeramics Ltd.	250,980,595	106,693,891	144,286,704	61,694,962	27,527,811	26,827,308
(in thousands of			20	22		
Korean won)	Assets	Liabilities	Equity	Sales	Profit	Total comprehensive income
KoMiCo Technology Inc (consolidated) KoMiCo Technology (Wuxi) Ltd.	₩ 107,159,717	₩ 31,749,245 ₩	[∀] 75,410,472 [∀]	∀ 52,790,273 ₩	7,137,847	₩ 11,641,308
(consolidated) KoMiCo Technology	63,773,347	16,722,844	47,050,503	65,206,566	7,881,499	6,482,948
Taiwan Ltd.	33,327,396	10,355,544	22,971,852	25,869,710	5,237,277	4,319,077
KoMiCo Technology Singapore Pte. Ltd.	6,475,724		(6,166,972)		(509,650)	(865,715)

As at December 31, 2023, the tables below provide a reconciliation of the subsidiaries' net assets to the carrying amount of its interest in the subsidiaries.

(in thousands of	2023												
Korean won)	Net assets at the end of the year (A)	Company's share in % (B)	Company's share in KRW(A*B)	Elimination of intergroup transactions and others	Book amount								
KoMiCo Technology Inc													
(consolidated)	₩ 73,821,267	100.00	₩ 73,821,267	₩ (1,133,834)	₩ 72,687,433								
KoMiCo Technology (Wuxi)													
Ltd. (consolidated)	45,600,466	100.00	45,600,466	(833,029)	44,767,437								
KoMiCo Technology													
Taiwan Ltd.	23,130,612	100.00	23,130,612	231,798	23,362,410								
KoMiCo Technology													
Singapore Pte. Ltd.	(7,893,730)	100.00	(7,893,730)	7,893,730	-								
MiCoCeramics Ltd. ¹	144,286,704	47.84	69,019,711	(2,414,599)	66,605,112								
	₩ 278,945,319		₩ 203,678,326	₩ 3,744,066	₩ 207,422,392								

¹On May 30, 2023, the Company entered into a share purchase agreement to purchase 2,605,639 ordinary shares (percentage of ownership: 47.84%) of MiCoCeramics Ltd. held by MiCo Ltd., the Parent Company. The Company paid cash, assets and liabilities of the advanced materials division and 507,614 ordinary shares of MiCo BioMed Co., Ltd. as consideration paid, and the transaction was terminated on July 3, 2023 (deemed acquisition date: July 1, 2023), accordingly, the Company has obtained controls over MiCoCeramics Ltd. Although the Company owns less than 50% of the voting rights of MiCoCeramics Ltd., the Company concluded that the Company controls over the entity, and includes it as a subsidiary, with considering that the potential voting rights of the exchangeable bonds (percentage of ownership: 7.66%), which are exchangeable to ordinary shares of MiCoCeramics Ltd. held by the Company. As a business combination of entities under common control, the carrying amount of investments in subsidiaries from this transaction is recognized as carrying amount in the consolidated financial statements of the ultimate parent company. Also, the difference between the consideration paid and the carrying amount of the investments in subsidiaries was recognized as other reserves (Note 25).

14. Property, Plant and Equipment

Tools and equipment

Right-of-use assets

Construction-in-progress

Supplies

Details of property, plant and equipment as at December 31, 2023 and 2022, are as follows:

(in the coords of Keysen com)			200	2			
(in thousands of Korean won)			Accumulated		overnment		
		Cost	depreciation		grants	Во	ok amount
Land	₩	17,356,993	₩ -	₩	-	₩	17,356,993
Buildings		26,108,817	(10,165,444)		-		15,943,373
Structure		2,129,974	(346,671)		-		1,783,303
Machinery		40,081,181	(22,374,681)		(19,136)		17,687,364
Vehicles		2,546,982	(1,616,669)		(11,667)		918,646
Facilities		54,151,549	(37,422,514)		(436,685)		16,292,350
Tools and equipment		108,913	(108,889)		-		24
Supplies		4,045,193	(2,704,940)		(79,998)		1,260,255
Construction-in-progress		3,598,627	-		(1,093,185)		2,505,442
Right-of-use assets		1,351,869	(739,913)		-		611,956
	₩	151,480,098	₩ (75,479,721)	₩	(1,640,671)	₩	74,359,706
(in thousands of Korean won)			202				
		Cost	Accumulated depreciation	G	overnment grants	Во	ok amount
Land	₩	22,728,488	₩ -	₩	-	₩	22,728,488
Buildings		27,343,289	(9,501,701)		-		17,841,588
Structure		1,938,698	(217,874)		-		1,720,824
Machinery		38,991,798	(19,579,450)		(22,007)		19,390,341
Vehicles		2,330,842	(1,586,617)		(16,667)		727,558
Facilities		52,369,106	(28,901,385)		(627,653)		22,840,068

140,610

3,721,821

1,688,900

1,244,378

₩ 152,497,930 ₩

(140,583)

(626,709)

(62,657,094)

(58,765)

(725,092) ₩

(2,102,775)

27

1,560,281

1,688,900

617,669

89,115,744

Changes in property, plant and equipment for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of						2023						
Korean won)	E	Beginning balance	Acquisition		Disposal ¹	Depreciation		Transfer		overnment grants		Ending balance
Land	₩	22,728,488	₩ -	₩	(5,371,495)	₩ -	₩	-	₩	-	₩	17,356,993
Buildings		17,841,588	501,146		(1,721,541)	(883,320)		205,500		-		15,943,373
Structure		1,720,824	191,276		-	(128,797)		-		-		1,783,303
Machinery		19,390,341	2,106,869		(861,532)	(3,807,264)		858,950		-		17,687,364
Vehicles		727,558	489,833		-	(298,745)		-		-		918,646
Facilities		22,840,068	3,303,680		(1,035,666)	(9,440,182)		624,450		-		16,292,350
Tools and equipment		27	-		(3)	-		-		-		24
Supplies		1,560,281	347,644		(10,673)	(636,997)		-		-		1,260,255
Construction-in- progress Right-of-use		1,688,900	3,598,627		-	-		(1,688,900)		(1,093,185)		2,505,442
assets		617,669	531,984		(102,362)	(435,335)						611,956
	₩	89,115,744	₩ 11,071,059	₩	(9,103,272)	₩ (15,630,640)	₩		₩	(1,093,185)	₩	74,359,706

¹ Includes property, plant and equipment of the advanced materials division that were paid as consideration paid when acquiring ordinary shares of MiCoCeramics Ltd. in 2023.

(in thousands of								2022						
Korean won)	E	Beginning balance	Α	cquisition		Disposal	De	epreciation	Transfer		G	overnment grants		Ending balance
Land	₩	21,130,111	₩	1,546,127	₩	-	₩	-	₩	52,250	₩	-	₩	22,728,488
Buildings		17,512,636		1,195,169		-		(893,617)		27,400		-		17,841,588
Structure		826,871		972,409		-		(78,456)		-		-		1,720,824
Machinery		19,495,243		3,359,275		(7,090)		(3,751,323)		317,200		(22,964)		19,390,341
Vehicles		622,701		354,548		(6,704)		(333,028)		90,041		-		727,558
Facilities		28,749,667		3,547,036		(267,801)		(9,576,311)		507,477		(120,000)		22,840,068
Tools and equipment		29		-		(2)		-		-		-		27
Supplies		1,867,212		262,993		-		(610,424)		40,500		-		1,560,281
Construction-in- progress		988,368		1,651,400		-		-		(1,034,868)		84,000		1,688,900
Right-of-use assets		623,300		372,111		-		(377,742)		-		-		617,669
	₩	91,816,138	₩	13,261,068	₩	(281,597)	₩ ((15,620,901)	₩	-	₩	(58,964)	₩	89,115,744

Line items including depreciation in the statements of comprehensive income for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023		2022
Cost of sales	₩	10,648,439	₩	10,478,231
Selling and administrative expenses		3,227,610		3,545,823
Research and development		1,754,591		1,596,847
	₩	15,630,640	₩	15,620,901

Certain property, plant and equipment of the Company are provided as collateral in relation to borrowings at the end of reporting period (Note 18).

Details of insured assets at the end of reporting period are as follows:

(in thousands of Korean won)	Insured assets	Insured amount	Financial institution
Comprehensive property insurance	Property, plant and equipment and investment properties Inventories	₩ 203,640,400	Samsung Fire & Marine Insurance

The above insurance has been pledged as collateral by Kookmin Bank and Shinhan bank up to a maximum of \forall 24,106 million. In addition to the above insurance, the Company carries group accident and car insurance for its employees.

15. Leases

Right-of-use assets by category of underlying assets as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023		2022
Properties	₩	17,427	₩	52,454
Vehicles		594,529		565,215
	₩	611,956	₩	617,669

Additions to the right-of-use assets during the 2023 financial year were $\ensuremath{\mathbb{W}}$ 531,984 thousand.

The separate statement of comprehensive income shows the following amounts relating to leases:

(in thousands of Korean won)		2023	2022		
Depreciation of right-of-use assets					
Properties	₩	72,419	₩	68,842	
Vehicles		362,916		308,900	
		435,335		377,742	
Interest expense relating to lease liabilities		25,409		14,760	
Expense relating to short-term leases		127,633		237,938	
Expense relating to leases of low-value assets that					
are not short-term leases		205,642		221,943	
	₩	794,019	₩	852,383	

Details of lease liabilities as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023			2022		
Beginning	₩	627,436	₩	635,013		
Acquisition		531,984		372,111		
Interest expenses		25,409		14,760		
Payments		(457,583)		(394,448)		
Disposal ¹		(104,045)		_		
Ending	₩	623,201	₩	627,436		

¹ Includes lease liabilities of the advanced materials division that were paid as consideration paid when acquiring ordinary shares of MiCoCeramics Ltd. in 2023.

Maturity analysis of the lease liabilities as at December 31, 2023 and 2022, is as follows:

	2023	2022		
₩	309,314	₩	333,601	
	174,638		202,557	
	139,249		91,278	
₩	623,201	₩	627,436	
	₩	174,638 139,249	₩ 309,314 ₩ 174,638 139,249	

16. Investment Properties

Details of investment properties as at December 31, 2023 and 2022, are as follows:

(in thousands of				2023			2022					
Korean won)		Cost		ccumulated epreciation		Book amount		Cost		ccumulated epreciation		Book amount
Land	₩	2,031,727	₩	-	₩	2,031,727	₩	2,031,727	₩	-	₩	2,031,727
Buildings		4,959,826		(1,214,484)		3,745,342		4,959,826		(1,032,356)		3,927,470
	₩	6,991,553	₩	(1,214,484)	₩	5,777,069	₩	6,991,553	₩	(1,032,356)	₩	5,959,197

Changes in investment properties for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of			2023		
Korean won)	Beginning balance	Acquisition	Depreciation	Transfer	Ending balance
Land	₩ 2,031,727	₩ -	₩ -	₩ -	₩ 2,031,727
Buildings	3,927,470		(182,128)		3,745,342
	₩ 5,959,197	₩ -	₩ (182,128)	₩ -	₩ 5,777,069
(in thousands of			2022		
Korean won)	Beginning balance	Acquisition	Depreciation	Transfer	Ending balance
Land	₩ 2,031,727	₩ -	₩ -	₩ -	₩ 2,031,727
Buildings	4,109,598		(182,128)		3,927,470
	₩ 6,141,325	₩ -	₩ (182,128)	₩ -	₩ 5,959,197

The depreciation expense of \forall 182,128 thousand (2022: \forall 182,128 thousand) has been included in 'other expenses' in the statement of comprehensive income for the year ended December 31, 2023.

Fair value of land is \forall 6,173,380 thousand at the end of reporting period. The fair value of land is classified in Level 3 based on inputs used in valuation techniques and measured by considering relative valuation model.

During the year, rental income earned from investment property is \forall 759,000 thousand (2022: \forall 379,500 thousand), and operating expenses from property that generated rental income are \forall 182,128 thousand (2022: \forall 182,128 thousand).

Certain investment properties are provided as collateral in relation to borrowings at the end of reporting period (Note 18).

17. Intangible Assets

Intangible assets as at December 31, 2023 and 2022, consist of:

(in thousands of				2023				
Korean won)		Cost	Accumulated amortization	Accumulated impairment losses	Gov	ernment rants	Во	ok amount
Software	₩	1,346,820	₩ (1,188,066)	₩ -	. ₩	(53,437)	₩	105,317
Facility use rights		3,634,938	(7,724)					3,627,214
	₩	4,981,758	₩ (1,195,790)	₩ -	₩	(53,437)	₩	3,732,531
(in thousands of Korean won)		Cost	Accumulated amortization	2022 Accumulated impairment losses	Gov	ernment rants	Во	ok amount
Software	₩	1,289,520	₩ (1,030,468)	₩ -	. ₩	(50,980)	₩	208,072
		3,379,035	-	(48,315)	<u> </u>	-		3,330,720
Facility use rights								

Changes in intangible assets for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of					20	023				
Korean won)		Beginning balance	Α	cquisition	Dis	posal	An	nortization		Ending balance
Software	₩	208,072	₩	37,300	₩	-	₩	(140,055) ₩	105,317
Facility use rights		3,330,720		375,218		(71,000)		(7,724)	3,627,214
	₩	3,538,792	₩	412,518	₩	(71,000)	₩	(147,779) ₩	3,732,531
(in thousands of					20	22				
Korean won)		Beginning balance		Dispos	al	Amo	rtiza	tion I	ndir	ng balance
Software	₩	391,60	09	₩	-	₩	(18	33,537) ∀	†	208,072
Facility use rights		3,531,0	50	(20	0,330)					3,330,720
	₩	3,922,65	59	₩ (20	0,330)	₩	(18	33,537) ∀	<i>†</i>	3,538,792

Line items in the statement of comprehensive income including amortization for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023	2022		
Cost of sales	₩	82,975	₩	84,497	
Selling and administration expenses		44,791		68,477	
Research and development costs		20,013		30,563	
	₩	147,779	₩	183,537	

The Company recognized total research and development costs of \forall 11,119,208 thousand (2022: \forall 12,646,892 thousand) as selling and administrative expenses.

18. Assets Provided as Collateral

Details of assets provided as collateral for the Company's obligation at the end of reporting period are as follows:

(in thousands of Korean won)

Line item	Secured assets	Provided to	Carrying amount	Secured amount	Detail
Property, plant and equipment and investment properties	Land, Building	Kookmin Bank	₩ 33,951,442	₩ 57,120,000	Assets provided as collateral in relation to borrowings
		Shinhan Bank	1,855,470	6,016,000	Assets provided as collateral in relation to borrowings

19. Trade Payables and Other Payables

Details of trade payables and other payables as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023			2022		
Current liabilities						
Trade payables	₩	2,559,319	₩	3,577,741		
Other payables						
Non-trade payables		4,290,864		4,881,054		
Accrued expenses		281,755		1,412,662		
Leasehold deposits received		418,160		338,925		
	₩	7,550,098	₩	10,210,382		

20. Other Financial Liabilities

Details of other financial liabilities as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023			2022
Other current financial liabilities				
Financial guarantee liabilities	₩	8,557,482	₩	6,736,763
Derivative liabilities ¹		3,423,901		1,570,892
		11,981,383		8,307,655
Other non-current financial liabilities				
Financial guarantee liabilities		1,460,158		1,727,117
	₩	13,441,541	₩	10,034,772

¹ For the exchangeable bonds acquired by the Company, 'the issuer and the person designated by the issuer' have the right to request the sales of a portion of exchangeable bonds on the date of each month after 12 months from the issuance date to 30 months. Bond holders are required to sell the bonds they hold according to the issuer's claim. The put options held by the exchangeable bonds issuer are separately recognized as derivative liabilities (Note 10).

21. Other Liabilities

Details of other liabilities as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023	2022		
Other current liabilities					
Advances from customers	₩	-	₩	133,000	
Withholdings		1,172,107		2,176,820	
Liabilities included in salaries and others		2,020,369		3,874,140	
	₩	3,192,476	₩	6,183,960	
Other non-current liabilities					
Long-term employee benefits	₩	1,472,149	₩	1,522,019	

22. Borrowings

Details of short-term borrowings as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)

Creditor	Details	Latest maturity date	Annual interest rate (%)		2023		2022
Kookmin Bank	Facility loans	-	-	₩	-	₩	10,000,000
Kookmin Bank	Loans for operating funds	2024-09-26	4.49		7,600,000		7,600,000
Shinhan Bank	Loans for operating funds	2024-06-27	4.34		5,000,000		5,000,000
Citibank Korea Inc.	Loans for operating funds/ Swap-linked loan	2024-06-09	4.90		20,000,000		-
				₩	32,600,000	₩	22,600,000

Certain land and buildings of the Company are pledged as collateral for the above short-term borrowings from Kookmin Bank (Note 18).

Details of long-term borrowings as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)

Creditor	Details	Latest maturity date	Annual interest rate (%)		2023		2022	
Kookmin Bank	Facility loans	2026-05-31	4.72	₩	30,000,000	₩		-
Kookmin Bank	Facility loans	2026-05-10	4.70		10,000,000			-
Shinhan Bank	Loans for operating funds	2026-05-18	4.87		20,000,000			-
KDB	Loans for operating funds	2026-05-10	4.43		10,000,000			
					70,000,000			-
	Less: reclassification of curr	rent portion			(1,250,000)			
				₩	68,750,000	₩	•	-

Certain land and buildings of the Company are pledged as collateral for the above long-term borrowings from Kookmin Bank and Shinhan Bank (Note 18).

Details of annual repayment schedule of long-term borrowings as at December 31, 2023, are as follows:

(in thousands of Korean won)	Amount			
January 1, 2024 ~December 31, 2024	₩	1,250,000		
January 1, 2025 ~December 31, 2025		2,500,000		
January 1, 2026 ~December 31, 2026		66,250,000		
	₩	70,000,000		

23. Post-employment Benefit Obligation

The Company operates both defined benefit plans and defined contribution plans.

23.1 Defined Benefit Obligations

Details of post-employment benefit obligation in the statements of financial position as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023			2022
Present value of defined benefit obligations	₩	16,078,146	₩	14,000,640
Fair value of plan assets		(4,968,720)		(4,079,027)
Net defined benefit liabilities	₩	11,109,426	₩	9,921,613

Movements in the defined benefit obligations for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023	2022		
Beginning balance	₩	14,000,640	₩	13,239,230	
Current service cost		2,809,681		2,903,958	
Interest expense		706,478		370,730	
Remeasurements:					
Actuarial loss from change in demographic assumptions		1,279		-	
Actuarial gain from change in financial assumptions		(96,337)		(531,188)	
Actuarial gain from experience adjustments		(548,331)		(406,726)	
Benefit payments		(981,640)		(1,705,140)	
Transfer from / to affiliates		186,376		129,776	
Ending balance	₩	16,078,146	₩	14,000,640	

Movements in the fair value of plan assets for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023	2022		
Beginning balance	₩	4,079,027	₩	3,005,929	
Interest income		208,824		85,152	
Remeasurements		(58,421)		(43,574)	
Contribution paid by user		1,100,000		1,100,000	
Benefit payments		(435,544)		(77,184)	
Transfer from / to affiliates		74,834		8,704	
Ending balance	₩	4,968,720	₩	4,079,027	

There are no contributions expected to be paid with respect to the defined benefit plan during the next reporting period.

Plan assets as at December 31, 2023 and 2022, consist of:

(in thousands of	2023				2	
Korean won)	,	Amount	Ratio (%)	Amount R		Ratio (%)
Deposit and installments						
and others	₩	4,968,720	100.00	₩	4,079,027	100.00
	₩	4,968,720	100.00	₩	4,079,027	100.00

Actual gain on plan assets is as follows:

(in thousands of Korean won)	:	2023	2022		
Plan assets	₩	150,403	₩	41,578	

Details of total expenses recognized in profit or loss are as follows.

(in thousands of Korean won)		2023	2022		
Current service cost	₩	2,809,681	₩	2,903,958	
Interest expense, net		497,654		285,578	
Total expenses included in employee benefits	₩	3,307,335	₩	3,189,536	

Total expenses by each line items recognized as profit or loss are as follows:

(in thousands of Korean won)	2023			2022		
Cost of sales	₩	1,638,945	₩	1,460,196		
Selling and administrative expenses		1,246,923		1,351,377		
Research and development		421,467		377,963		
	₩	3,307,335	₩	3,189,536		

Actuarial gain (loss) recognized in other comprehensive income are as follows:

(in thousands of Korean won)	2023			2022		
Actuarial loss before income tax	₩	(584,968)	₩	(894,339)		
Tax effects		131,093		205,064		
Actuarial loss, net of tax	₩	(453,875)	₩	(689,275)		

The significant actuarial assumptions as at December 31, 2023 and 2022, are as follows:

(in percentage)	2023	2022		
Discount rate (%)	4.55	5.35		
Expected salary growth rate (%)	6.90	7.80		
Estimated retirement rates (%)	13.18	13.21		
Estimated mortality rate (%)	0.03	0.04		

Effects on the defined benefit obligation to changes in the principal assumptions is:

(in thousands of	2023			2022				
Korean won)	In	crease 1%	Decrease 1%		ase 1% Increa		ase 1% Decrea	
Discount rate Expected salary growth	₩	(1,199,160)	₩	1,386,870	₩	(1,056,666)	₩	1,221,757
rate		1,343,088		(1,186,775)		1,182,542		(1,045,123)

The weighted average duration of the defined benefit obligation is 8.3701 years. The expected maturity analysis of discounted pension benefits as at December 31, 2023, is as follows:

(in thousands of Korean won)	f Korean won) Less than Between Between 2 years 2-5 years 5-10 years			Over 10 years			Total				
Benefit payments	₩	1,593,963	₩	4,131,442	₩	3,951,157	₩	6,401,584	₩	16,078,146	

23.2 Defined Contribution Plan

KoMiCo Ltd.

Notes to the Separate Financial Statements December 31, 2023 and 2022

24. Share Options

The share-based payment of the Company is the share options with stock appreciation rights granted to directors on November 16, 2016, with an exercise price of \forall 12,000. Right to exercise share options is granted if the employees have been completed service for two years after the grant date.

The share-based payment of the Company was fully exercised within the exercise period and has expired.

Changes in the number of share options outstanding and their related weighted average exercise prices for the years ended December 31, 2023 and 2022, are as follows:

	Number o	•	per shai	ercise price re option ean won)	
	2023 2022		2023	2022	
Beginning Granted	44,100	51,300 -	₩ 43,100	₩ 67,100 -	
Exercised Expired	(44,100) -	(7,200)	50,142 -	51,444 -	
Ending	-	44,100	₩ -	₩ 43,100	

The Company measured the cost of the share options granted by fair value using the binomial model approach. The related assumptions and variables to measure the cost of the share options granted are as follows:

(in Korean won)	2022			
Fair value per option	₩	31,111		
Share price at the end of the reporting period		43,100		
Expected price volatility (%)		49.16		
Risk-free interest rate (%)		3.75		
Dividend yield (%)		1.25		
Expected option life		0.88 years		

Book amount of liabilities and intrinsic value recognized in relation to share-based payments as at December 31, 2022, are as follows:

(in thousands of Korean won)	2	2022			
Book amount of liabilities	₩	1,371,995			
Intrinsic value		1,371,510			

25. Issued capital and Reserves

Details of issued capital as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won and in number of shares)		2023		2022
Total number of authorized shares to be issue		100,000,000		100,000,000
Par value per share (in Korean won)	₩	500	₩	500
Total number of shares issued		10,460,684		10,020,447
Issued capital	₩	5,230,342	₩	5,010,224

Changes in issued capital and share premium for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won and in number of shares)	Number of shares	Issued capital	Share premium	Total
January 1, 2022	10,020,447	₩ 5,010,224	₩ 61,502,163	₩ 66,512,387
December 31, 2022	10,020,447	₩ 5,010,224	₩ 61,502,163	₩ 66,512,387
January 1, 2023	10,020,447	₩ 5,010,224	₩ 61,502,163	₩ 66,512,387
Capital increase ¹	440,237	₩ 220,118	₩ 19,758,480	₩ 19,978,598
December 31, 2023	10,460,684	₩ 5,230,342	₩ 81,260,643	₩ 86,490,985

¹ MiCo Ltd., the Parent Company, acquired additional 440,237 shares by participating in the Company's capital increase through allocation to a third party in 2023.

Details of reserves as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023			2022		
Share premium	₩	81,260,643	₩	61,502,163		
Other reserves ¹		(66,858,401)		12,095,472		
	₩	14,402,242	₩	73,597,635		

¹ On July 1, 2023, as a deemed acquisition date, the Company has obtained controls over MiCoCeramics Ltd. by acquiring 2,605,639 ordinary shares (percentage of ownership: 47.84%) of MiCoCeramics Ltd. held by MiCo Ltd., the Parent Company. As a business combination of entities under common control, the carrying amount of investments in subsidiaries from this transaction is recognized as carrying amount in the consolidated financial statements of the ultimate parent company. Also, the difference between the consideration paid and the carrying amount of the investments in subsidiaries was recognized as other reserves.

26. Accumulated Other Comprehensive Income

Details of accumulated other comprehensive income as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023	2022		
Equity instruments at fair value through other comprehensive income	₩	-	₩	(185,140)	
Share of other comprehensive income of associates		8,867,561		7,373,835	
	₩	8,867,561	₩	7,188,695	

27. Elements of other stockholders equity

As at December 31, 2023 and 2022, elements of other stockholders equity are treasury shares held by the Company to stabilize share prices and enhance the value of shareholders.

(in thousands of Korean won)		2023	2022		
Treasury shares	₩	(2,914,979)	₩	(2,914,979)	
	₩	(2,914,979)	₩	(2,914,979)	

28. Retained Earnings

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

(in thousands of Korean won)	2023			2022		
Earned profit reserves ¹	₩	3,496,158	₩	2,502,102		
Retained earnings before appropriation		195,562,627		173,302,182		
	₩	199,058,785	₩	175,804,284		

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

The appropriation of retained earnings for the year ended December 31, 2023, is expected to be appropriated on March 29, 2024. The appropriation date for the year ended December 31, 2022, was March 31, 2023.

The appropriation of retained earnings for the years ended December 31, 2023 and 2022, is as follows:

(in thousands of Korean won)		2023		2022
Unappropriated retained earnings carried over from prior year	₩	162,367,557	₩	130,646,128
Changes in retained earnings from equity method		(335,087)		-
Transfer to retained earnings due to disposal of financial assets at fair value through other				
comprehensive income		(472,931)		-
Remeasurements of defined benefit plan		453,875		689,275
Profit		33,549,213		41,966,780
Transfers such as discretionary reserves				-
Retained earnings available for appropriation		195,562,627		173,302,183
Appropriation of retained earnings		4,567,554		10,934,626
Earned profit reserves		415,232		994,057
Dividends (Cash dividend (%):				
Ordinary share: 2023: ₩ 400 (80.0%),		4 450 200		0.040.560
2022: ₩ 1,000 (200.0%)		4,152,322		9,940,569
Unappropriated retained earnings to be carried forward	₩	190,995,073	₩	162,367,557

29. Breakdown of Expenses by Nature

Details of breakdown of expenses by nature for the years ended December 31, 2023 and 2022, as are as follows:

(in thousands of Korean won)		2023		2022
Changes in inventories of finished goods and work in process	₩	(276,139)	₩	740,163
Raw materials used		11,305,264		13,661,437
Sales of goods		3,077,807		5,427,082
Employee benefits expenses		43,624,917		45,692,594
Employee benefits		3,693,614		3,428,902
Travel expenses		364,090		361,664
Depreciation and amortization		15,778,420		15,986,564
Commission expenses		3,036,413		3,792,810
Rental expenses		468,471		475,700
Insurance premium		2,354,211		3,087,132
Supplies expenses		6,666,963		8,474,854
Vehicles maintenance expenses		608,431		745,186
Utility expenses		7,931,843		6,602,482
Outsourcing expenses		7,957,975		9,570,365
Repairs expenses		2,956,905		3,297,726
Taxes and dues		2,041,792		1,821,586
Freight expenses		450,019		405,603
Share-based payment expenses		310,075		(1,170,635)
Other expenses		3,132,531		3,158,800
	₩	115,483,602	₩	125,560,015

Details of employee benefits expenses incurred for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023			2022		
Salaries	₩	39,866,209	₩	42,041,275		
Post-employment benefits		3,758,708		3,651,319		
	₩	43,624,917	₩	45,692,594		

30. Selling and Administrative Expenses

Details of selling and administrative expenses for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023			2022
Salaries	₩	14,136,738	₩	14,814,043
Post-employment benefits		1,345,517		1,452,583
Employee benefits		1,494,809		1,365,823
Travel expenses		277,531		301,641
Vehicles maintenance expenses		562,171		677,541
Communication expenses		44,460		40,578
Taxes and dues		688,542		603,098
Commission expenses		1,780,931		2,025,531
Rental expenses		81,362		68,672
Depreciation		3,227,610		3,727,950
Amortization		44,791		68,477
Repairs expenses		530,081		919,727
Insurance premium		932,381		1,240,861
Entertainment expenses		927,189		789,893
Advertising expense		202,083		151,897
Supplies expenses		453,976		680,304
Utility expenses		216,966		281,334
Training expenses		177,469		229,465
Freight expenses		303,328		349,374
Research and development		11,119,208		12,646,892
Outsourcing expenses		558,704		415,899
Share-based payment expenses		310,075		(1,170,635)
Others		824,673		690,356
	₩	40,240,595	₩	42,371,304

31. Other Income and Expenses

Details of other income for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023		2022	
Rental income	₩	809,603	₩	459,057
Commissions received		9,390		5,350
Gain on disposal of property, plant and equipment		351,823		38,939
Gain on disposal of intangible assets		210,818		-
Royalty income		4,658,703		5,804,871
Miscellaneous revenues		40,557		100,548
	₩	6,080,894	₩	6,408,765

Details of other expenses for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023		2022
Donations	₩	41,160	₩	31,680
Loss on disposal of property, plant and equipment		233		275,049
Loss on disposal of intangible assets		-		330
Depreciation of investment properties		182,128		-
Miscellaneous expenses		31,673		2,367
Loss on disposal of assets held for sale		177,411		
	₩	432,605	₩	309,426

32. Finance Income and Finance Costs

Details of finance income for the years ended December 31, 2023 and 2022, are as follows:

2023		2022	
₩	2,007,415	₩	912,677
	-		79,200
	241,896		845,877
	135,535		2,154
	-		395,769
	6,449,835		69,413
₩	8,834,681	₩	2,305,090
		₩ 2,007,415 - 241,896 135,535 - 6,449,835	₩ 2,007,415 ₩ - 241,896 135,535 - 6,449,835

Details of finance costs for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	2023		2022	
Interest expense	₩	3,609,060	₩	829,065
Loss on foreign currency transaction		210,888		170,993
Loss on foreign currency translation		68,463		586,305
Loss on valuation of derivatives		1,853,009		
	₩	5,741,420	₩	1,586,363

33. Tax Expense

Income tax expense for the years ended December 31, 2023 and 2022, consists of:

(in thousands of Korean won)	2023		2022	
Current tax on profits for the year	₩	2,157,147	₩	3,979,260
Adjustments in respect of prior years		(310,401)		(3,405,328)
Impact of changes in Korean tax rate		-		2,108,562
Deferred tax due to temporary differences		(1,048,694)		2,598,253
Income tax expense	₩	798,050	₩	5,280,747

The aggregate current and deferred tax relating to items that are charged or credited directly to equity for the years ended December 31, 2023 and 2022, is as follows:

(in thousands of Korean won)		2023		2022
Deferred tax				
Remeasurements of net defined benefit liability	₩	(131,093)	₩	(205,064)
Equity instruments at fair value through other				
comprehensive income		80,228		378,406
	₩	(50,865)	₩	173,342

Reconciliation between profit before income tax and income tax expense for the years ended December 31, 2023 and 2022, is as follows:

(in thousands of Korean won)		2023		2022
Profit before income tax expense	₩	34,347,263	₩	47,247,527
Income tax based on statutory tax rate		7,472,217		10,971,902
Adjustments:				
Non-taxable income		(1,537,143)		(5,799)
Non-deductible expense		224,582		316,283
Impact of changes in Korean tax rate		-		2,108,562
Effect of difference in tax rate applied to equity method investments and others		(1,866,298)		(1,994,276)
Tax credits carried forward		-		1,025,717
Adjustments in respect of prior years		(310,401)		(3,405,328)
Tax credit		(2,602,362)		(3,727,131)
Others		(582,545)		(9,183)
Income tax expense	₩	798,050	₩	5,280,747
Effective tax rate		2.32%		11.18%

Changes in deferred tax assets and liabilities for the temporary differences for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of	2023									
Korean won)	Increase (decrease)									
		Beginning balance		Profit or loss		Other comprehensive income		Ending balance		
Accrued revenues	₩	(51,125)	₩	34,388	₩	-	₩	(16,737)		
Equity method investments		(11,955,752)		833,360		-		(11,122,392)		
Plan assets		(889,228)		(68,718)		12,579		(945,367)		
Property, plant and equipment		2,482,192		1,031,285		-		3,513,477		
Inventories		37,543		(22,142)		-		15,401		
Intangible assets		10,532		(10,418)		-		114		
Annual leave payable		272,142		25,300		-		297,442		
Defined benefit obligations Long-term employee		3,052,140		580,490		(143,672)		3,488,958		
benefits Allowance for doubtful		331,800		(12,344)		-		319,456		
account Share-based payment		67,632		(6,780)		-		60,852		
expenses		299,094		(299,094)		_		_		
Derivatives Measured at fair value		(86,278)		829,264		-		742,986		
through profit or loss		(15,132)	((1,826,310)		-		(1,841,442)		

KoMiCo Ltd. Notes to the Separate Financial Statements December 31, 2023 and 2022

₩

(1,875,503) ₩

Measured at fair value through other								
comprehensive income		51,611		(131,840)		80,228		_
Right-of-use assets		(134,652)		1,858		-		(132,794)
Lease liabilities		136,781		(1,546)		_		135,235
Others		(22,264)		91,941		-		69,677
	₩	(6,412,964)	₩	1,048,694	₩	(50,865)	₩	(5,415,134)
(in thousands of					2022			
Korean won)			roseo)					
Norcan wony		Increase (decrease) Other						
	Beginning				comprehensive			
		balance	Pı	rofit or loss		income	End	ding balance
Accrued revenues	₩	(10 175)	1 A4	(38,950)	1A 4		₩	(51,125)
	٧٧	(12,175)	₩	, ,	₩	-	٧٧	, ,
Equity method investments		(7,948,214)		(4,007,538)				(11,955,752)
Plan assets Property, plant and		(661,304)		(237,314)		9,390		(889,228)
equipment		1,814,198		667,994		_		2,482,192
Inventories		54,240		(16,697)		_		37,543
Intangible assets		10,629		(97)		-		10,532
Annual leave payable		240,385		31,757		-		272,142
Defined benefit obligations		2,912,631		353,963		(214,454)		3,052,140
Long-term employee								
benefits		286,871		44,929		-		331,800
Allowance for doubtful		04.040		(07.404)				27.000
account Share-based payment		94,816		(27,184)		-		67,632
expenses		621,858		(322,764)		_		299,094
Derivatives		-		(86,278)		_		(86,278)
Measured at fair value				(00,270)				(00,210)
through profit or loss		-		(15,132)		-		(15,132)
Measured at fair value								
through other		(222 -22)						
comprehensive income		(326,795)		-		378,406		51,611
Right-of-use assets		(137,126)		2,474		-		(134,652)
Lease liabilities		139,703		(2,922)		-		136,781
Others		9,062		(31,326)		-		(22,264)
Tax credits		1,025,718		(1,025,718)		<u>-</u>		

(4,710,803) ₩

173,342 ₩

(6,412,964)

KoMiCo Ltd.

Notes to the Separate Financial Statements December 31, 2023 and 2022

Details of unrecognized deductible temporary differences as deferred tax assets as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won) 2023 2022 Remarks Interests in subsidiary 1 \forall 33,637,742 \forall 34,263,186 No plan for disposal

The analysis of deferred tax assets and liabilities as at December 31, 2023 and 2022, is as follows:

(in thousands of Korean won)	2023		2022	
Deferred tax assets Deferred tax asset to be recovered after more than 12				
months	₩	7,876,384	₩	6,780,435
Deferred tax asset to be recovered within 12 months		1,168,401		412,499
		9,044,785		7,192,934
Deferred tax liabilities				
Deferred tax liability to be recovered after more than		// ·		(
12 months		(12,208,934)		(12,979,632)
Deferred tax liability to be recovered within 12 months		(2,250,985)		(626,266)
		(14,459,919)		(13,605,898)
Deferred tax liabilities, net	₩	(5,415,134)	₩	(6,412,964)

34. Earnings per Shares

Details of the calculation of basic earnings per shares for the years ended December 31, 2023 and 2022, are as follows:

(in Korean won and in number of shares)		2023		2022
Profit attributable to ordinary shares	₩	33,549,212,836	₩	41,966,780,348
Weighted average number of ordinary shares outstanding		10,184,207		9,962,286
Basic earnings per share	₩	3,294	₩	4,213

Basic earnings per share is identical to diluted earnings per share as there is no dilutive effect for the years ended December 31, 2023 and 2022.

¹ The Company did not recognize deferred tax assets for temporary differences associated with investments in subsidiaries, which would not be reversed in the foreseeable future through disposal of the investments.

35. Cash Flows

(a) Cash generated from operations

(in thousands of Korean won)	2023	2022
Profit	₩ 33,549,213	₩ 41,966,780
Adjustments for:		
Interest expense	3,609,060	829,065
Loss on foreign currency translation	68,463	586,304
Post-employment benefits (defined benefit plan)	3,307,335	3,189,535
Depreciation	15,812,768	15,803,027
Loss on disposal of property, plant and equipment	233	275,049
Loss on disposal of intangible assets	-	330
Amortization	147,779	183,537
Share-based payment expenses	310,075	(1,170,635)
Income tax expense	798,050	5,280,747
Bad debt expenses (reversal)	(53,966)	(73,267)
Interest income	(2,007,415)	(912,677)
Gain on foreign currency translation	(135,535)	(2,154)
Loss on valuation of inventories (reversal)	5,219	(74,332)
Gain on disposal of property, plant and equipment	(351,823)	(38,939)
Gain on disposal of intangible assets	(210,818)	-
Profits (losses) of associates and joint ventures	(14,271,136)	(19,155,555)
Gain on valuation of financial assets at fair value through profit or loss	(6,449,835)	(69,413)
Gain on valuation of derivatives	-	(395,769)
Loss on valuation of derivatives	1,853,009	-
Dividend income	-	(79,200)
Loss on disposal of assets held for sale	177,411	-
Others	277,383	294,486
Changes in assets and liabilities due to operating activities:		
Trade receivables	2,673,629	(3,597,750)
Other receivables	(626,677)	247,531
Other current assets	125,622	171,980
Inventories	(686,751)	157,847
Trade payables	(1,018,408)	434,754
Other payables	(2,423,948)	3,757,740
Other liabilities	(2,825,251)	15,387
Benefit payments	(400,782)	(1,627,956)
Transfer from affiliates	111,541	129,776
Contribution to plan assets	(1,100,000)	(1,100,000)

Cash generated from operations	₩	30,264,445	₩	45,026,228
(b) Significant transactions not affecting cash flows				
(in thousands of Korean won)		2023		2022
Reclassification of financial assets at fair value through other comprehensive income Reclassification of losses on disposal of financial	₩	(368,020)	₩	(1,722,178)
assets at fair value through other comprehensive income		133,000		-
Increase in share of other comprehensive income of associates		1,493,727		1,830,646
Reclassification of current portion of long-term borrowings		1,250,000		-
Transfer of construction-in-process to property, plant and equipment		1,688,900		1,034,868
Reclassification of current portion of long-term loans Reclassification of in non-trade payables related to acquisition of property, plant and equipment and		439,540		25,289
intangible assets		175,428		78,296
Acquisition of right-of-use assets		531,984		372,111
Government grants received		58,270		58,964
Reclassification of assets held for sale to investments in subsidiaries		11,090,126		-

(c) Changes in liabilities arising from financing activities

Changes in liabilities arising from financial activities for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)	on) 2023							
	Beginning balance		•		Non-cash changes			Ending balance
Short-term borrowings	₩	22,600,000	₩	10,000,000	₩	-	₩	32,600,000
Long-term borrowings		-		70,000,000		(1,250,000)		68,750,000
Current portion of long-term								
liabilities		-		-		1,250,000		1,250,000
Lease liabilities		627,436		(457,583)		453,348		623,201
Deposits received		338,925		79,235		-		418,160
	₩	23,566,361	₩	79,621,652	₩	453,348	₩	103,641,361

(in thousands of Korean won)	2022							
	Beginning balance		Cash flows		Non-cash changes		Ending balance	
Borrowings	₩	31,600,000	₩	(9,000,000)	₩	-	₩	22,600,000
Lease liabilities		635,013		(394,448)		386,871		627,436
Deposits received		907,000		(568,075)		-		338,925
	₩	33,142,013	₩	(9,962,523)	₩	386,871	₩	23,566,361

36. Contingent Liabilities and Commitments

Payment guarantees provided by others

Details of payment guarantees provided by others as at December 31, 2023, are as follows:

(in thousands of Korean won)	Guaranteed amount	Guaranteed by	Remarks
Seoul guarantee insurance company	₩ 300,000	Pyeongtaek Customs Co.	Guarantees for payments of customs
Seoul guarantee insurance company	74,300	Samchully Co., Ltd	Guarantees for payments of city gas usage and others
Seoul guarantee insurance company	3,383	Korea Employment Agency for Persons with Disabilities	Payment guarantee for the return of auxiliary engineering device subsidies for the disabled
Seoul guarantee insurance company	244,645	KOREA TECHNOLOGY AND INFORMATION PROMOTION AGENCY	Payment guarantee for the return of agreement of subsidy for national support business
Seoul guarantee insurance company	873,000	Korea Environment Corporation	Payment guarantee for the return subsidy from government and local government

Payment guaranteed provided by the Company

Details of payment guarantees provided by the Company as at December 31, 2023, are as follows:

(in	USD)
(, , ,	CCD

(2 2 2)	Guaranteed amount		Guaranteed amount Amount used		Amount used		Amount used		Amount used		Guaranteed by	Remarks
KoMiCo Technology Singapore Pte. Ltd.	USD	9,600,000	USD	6,000,000	Citibank Korea Inc.	Guarantees for borrowings						
KoMiCo Technology Singapore Pte. Ltd.	USD	1,750,000	USD	1,750,000	The Export- Import Bank of Korea	Guarantees for borrowings						
KoMiCo Technology Taiwan Ltd.	USD	8,400,000	TWD	27,000,000	Citibank Korea Inc.	Guarantees for borrowings						
KoMico Equipment Parts Shenzehn Co Ltd	USD	9,600,000	CNY	-	Citibank Korea Inc.	Guarantees for borrowings						
KOMICO HILLSBORO LLC	USD	18,000,000	USD	15,000,000	KDB	Guarantees for borrowings						
KoMiCo Technology Inc	USD	30,000,000	USD	-	Citibank Korea Inc.	Guarantees for borrowings						

As at December 31, 2023, the balance of financial guarantee liabilities recognized by the Company in respect of the above payment guarantee is \(\psi\) 10,018 million (2022: \(\psi\) 8,463 million) (Note 20).

The Company has entered into a technology supply agreement with subsidiaries of the Company. According to the agreement, a certain percentage of sales of each subsidiary is received, and this is recognized as royalty income in other income.

Significant agreements which the Company has entered into with financial institution and others as at December 31, 2023, are as follows:

(in thousands of Korean won)	Commitments	Limit amount	Amount used
Kookmin Bank	Loans for operating funds	₩ 7,600,000	₩ 7,600,000
Shinhan Bank	Loans for operating funds	₩ 5,000,000	₩ 5,000,000
Kookmin Bank	Loans for facility funds	₩ 30,000,000	₩ 30,000,000
Kookmin Bank	Loans for facility funds	₩ 10,000,000	₩ 10,000,000
Citibank Korea Inc.	Loans for operating funds / Swap-linked loan	₩ 20,000,000	₩ 20,000,000
Shinhan Bank	Loans for operating funds	₩ 20,000,000	₩ 20,000,000
KDB	Loans for operating funds	₩ 10,000,000	₩ 10,000,000

37. Related Party Transaction

Details of the companies that have a controlling or subsidiary relationship with the Company as at December 31, 2023 and 2022, are as follows.

Туре	2023	2022	Remark
Parent Company	MiCo Ltd.	MiCo Ltd.	
Subsidiaries	KoMiCo Technology Inc	KoMiCo Technology Inc	
	KoMiCo Technology (Wuxi) Ltd.	KoMiCo Technology (Wuxi) Ltd.	
	KoMiCo Technology Taiwan Ltd.	KoMiCo Technology Taiwan Ltd.	
	KoMiCo Technology Singapore Pte. Ltd.	KoMiCo Technology Singapore Pte. Ltd.	
	KoMiCo Equipment Parts Shenzhen Co.,Ltd	KoMiCo Equipment Parts Shenzhen Co.,Ltd	KTW holds 100%
	KOMICO HILLSBORO LLC	KOMICO HILLSBORO LLC	KTI holds 100%
	KOMICO PHOENIX LLC	KOMICO PHOENIX LLC	KTI holds 100%
	MiCoCeramics Ltd. ¹	-	Newly included in a subsidiary of the Company by acquiring the shares in 2023
Other related parties	-	MiCoCeramics Ltd. 1	Established by split-off of the Parent Company
	MiCoPower Ltd.	MiCoPower Ltd.	Established by split-off of the Parent Company
	Micohightech (formerly, SAMYANG CERATECH CO.LTD)	-	A subsidiary of the Parent Company
	MiCo BioMed Co., Ltd.	MiCo BioMed Co., Ltd.	An associate of the Parent Company
	COMA Technology Co., Ltd.	COMA Technology Co., Ltd.	An associate of subsidiary of the Group
	SPECLIPSE,INC.	SPECLIPSE,INC.	An associate of the Parent Company
	Speclipse Inc.	Speclipse Inc.	An associate of the Parent Company
	Speclipse Austrailia Pyt Ltd	Speclipse Austrailia Pyt Ltd	An associate of the Parent Company
	Speclipse EuropeGmbH	Speclipse EuropeGmbH	An associate of the Parent Company
	MiCo Networks Co.,Ltd.	MiCo Networks Co.,Ltd.	An entity controlled by key management personnel of the Parent Company
		ELEECHIJEILHOSAMO	An associate of the Parent Company
	-	INVESTMENT LIMITED PARTNERSHIP ²	(disposed of shares in 2023)
	-	H No. 1 Investment Purpose Co., Ltd. ²	An associate of the Parent Company

		(disposed of shares in 2023)
-	HYUNDAI HEAVY INDUSTRIES POWER SYSTEMS CO.,LTD. ²	An associate of the Parent Company (disposed of shares in 2023)
-	Yantai Hyundai Heavy Industries Co., LTD. ²	An associate of the Parent Company (disposed of shares in 2023)
MICOBIOMED USA, Inc	MICOBIOMED USA, Inc	An associate of the Parent Company
MICO INTERNATIONAL BRAZIL EMPREENDIMENTOS E PARTICIPACOES LTDA	MICO INTERNATIONAL BRAZIL EMPREENDIMENTOS E PARTICIPACOES LTDA	An associate of the Parent Company
PT. MICO BIOMED INDONESIA	PT. MICO BIOMED INDONESIA	An associate of the Parent Company
MICOBIO INDIAPRIVATE LIMITED.	MICOBIO INDIAPRIVATE LIMITED.	An associate of the Parent Company
Call medical	Call medical	An associate of the Parent Company
-	MICO IVD HOLDINGS, LLC (USA) ³	A subsidiary of the Parent Company (disposed of shares in 2023)
-	Trinity Biotech, PLC. ³	An associate of the Parent Company (disposed of shares in 2023)
MICo NTH Investment LLC	MICo NTH Investment LLC	An associate of the Parent Company
New Target Health,Inc.	New Target Health,Inc.	An associate of the Parent Company
Target Health, LLC	Target Health, LLC	An associate of the Parent Company

¹ On July 1, 2023, as a deemed acquisition date, the Company has obtained controls over MiCoCeramics Ltd. by acquiring 2,605,639 ordinary shares (percentage of ownership: 47.84%) of MiCoCeramics Ltd. held by MiCo Ltd., the Parent Company.

² MiCo Ltd., the Parent Company, disposed of its shares of ELEECHIJEILHOSAMO INVESTMENT LIMITED PARTNERSHIP, an associate, on November 30, 2023, accordingly, it was excluded from the related parties. Also, its associates, H No. 1 Investment Purpose Co., Ltd., Hyundai Heavy Industries Power Systems Co., LTD., and Yantai Hyundai Heavy Industries Co., LTD. were excluded from the related parties.

³ MiCo Ltd., the Parent Company, disposed of its shares of MICO IVD HOLDINGS, LLC, a subsidiary, on December 21, 2023, accordingly, it was excluded from the related parties. Also, its associate, Trinity Biotech PLC, was also excluded from the related parties.

Sales and purchases with related parties for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		2023											
Туре	Name of entity	Sales Purchase		C	Disposal of assets Other income			Other expense		Acquisition of right-of-use assets			
Parent company	MiCo Ltd. ¹	₩	478	₩	8,827,691	₩	_	₩	85,718	₩	897,641	₩	21,073
Subsidiaries	KoMiCo Technology Inc KoMiCo Technology		3,567,260		53,734		171,509		2,392,745		9,837		-
	Taiwan Ltd.		1,124,920		588		-		1,002,221		23,891		-
	KoMiCo Technology (Wuxi) Ltd.		1,208,883		2,754		-		1,456,553		15,817		-
	KoMiCo Technology Singapore Pte. Ltd. KoMiCo Equipment		430,750		-		-		379,386		-		-
	Parts Shenzhen Co.,Ltd		441,409		-		-		289,884		-		-
	KoMiCo HIllsboro LLC		133,681		-		-		343,436		130,329		-
	MiCoCeramics Ltd		538,340		6,337		-		725,996		102,263		-
Other related	MiCoCeramics Ltd. ²		542,990		6,340		-		738,518		63,196		-
parties	COMA Technology Co., Ltd.		1,260		13,365		-		-		-		-
	MiCoPower Ltd.				_		-		1,538,690		_		
		₩	7,989,971	₩	8,910,809	₩	171,509	₩	8,953,147	₩	1,242,974	₩	21,073

¹ On May 30, 2023, the Company entered into a share purchase agreement to purchase 2,605,639 ordinary shares (percentage of ownership: 47.84%) of MiCoCeramics Ltd. held by MiCo Ltd., the Parent Company. The Company paid cash, assets and liabilities of the advanced materials division and 507,614 ordinary shares of MiCo BioMed Co., Ltd. as consideration paid, and the transaction was terminated on July 3, 2023 (deemed acquisition date: July 1, 2023), accordingly, the Company has obtained controls over MiCoCeramics Ltd. (Note 13).

² The amounts are before acquisition of shares (deemed acquisition date: July 1, 2023).

KoMiCo Ltd. Notes to the Separate Financial Statements December 31, 2023 and 2022

(in thousands of Korean won)		2022										
Type Name of entity		Sales	Purchase	Disposal of assets	Other income	Other expense	Acquisition of right-of-use assets					
Parent company	MiCo Ltd.	₩ _	₩ 9,506,35	7 ₩ 4,000) ₩ 128,751	₩ 1,259,350	₩ 21,371					
Subsidiaries	KoMiCo Technology Inc KoMiCo Technology	2,423,666	164,48	0 -	2,448,946	-	-					
	Taiwan Ltd. KoMiCo Technology	4,164,402	5,87	1 10,384	1,320,269	2,215	-					
	(Wuxi) Ltd.	2,330,561			2,011,678	25,809	-					
	KoMiCo Technology Singapore Pte. Ltd. KoMiCo Equipment	1,019,282	98,01	0 10,103	391,163	-	-					
	Parts Shenzhen Co.,Ltd	3,781			572,741	20,702	-					
	KoMiCo HIllsboro LLC	34,901			349,716	-	-					
Other related parties	MiCo BioMed Co., Ltd.	-			3,854	2,490	-					
	MiCoCeramics Ltd.	2,088,620	7,83	0 -	1,287,646	33,129	_					
	COMA Technology Co., Ltd.	1,000	3,31	0 -		-	-					
	MiCoPower Ltd.			<u>-</u>	1,003,393	3,232						
		₩ 12,066,213	₩ 9,785,85	8 ₩ 24,487	√ ₩ 9,518,157	₩ 1,346,927	₩ 21,371					

Outstanding balances arising from sales/purchases of goods and services as at December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)			2023										
			Receivables Payables										
Туре	Name of entity		Trade eivables	re	Other ceivables		Trade ayables		Other ayables				
Parent company	MiCo Ltd.	₩	-	₩	19,048	₩	730,008	₩	74,840				
Subsidiaries	KoMiCo Technology Inc		138,753		549,610		554		-				
	KoMiCo Technology Taiwan Ltd. KoMiCo Technology		35,532		218,148		187		153,439				
	(Wuxi) Ltd.		302,006		671,449		-		-				
	KoMiCo Technology Singapore Pte. Ltd. KoMiCo Equipment		30,020		89,517		-		-				
	Parts Shenzhen Co.,Ltd KOMICO HILLSBORO		-		111,954		-		-				
	LLC		9,586		1,887,174		-		11,106				
	MiCoCeramics Ltd.		149,963		144,885		-		194,434				
Other related party	MiCoPower Ltd.		_		406,303		_		252,290				
		₩	665,860	₩	4,098,088	₩	730,749	₩	686,109				

KoMiCo Ltd.
Notes to the Separate Financial Statements
December 31, 2023 and 2022

(in thousands of Kore	2022									
		Recei	vables	Paya	ables					
Туре	Name of entity	Trade receivables	Other receivables	Trade payables	Other payables					
Parent company	MiCo Ltd.	₩ -	₩ 19,346	₩ 1,177,033	₩ 85,009					
Subsidiaries	KoMiCo Technology Inc	705,817	607,821	3,765	-					
	KoMiCo Technology Taiwan Ltd.	92,585	335,512	-	-					
	KoMiCo Technology (Wuxi) Ltd.	506,791	427,352	-	-					
	KoMiCo Technology Singapore Pte. Ltd.	34,903	92,312	95,969	-					
	KoMiCo Equipment Parts Shenzhen Co.,Ltd KOMICO HILLSBORO LLC	- 8,376	67,670 44,341	-	-					
Other related parties	MiCoCeramics Ltd.	114,741	133,199	_	80,035					
	COMA Technology Co., Ltd.	-	-	825	-					
	MiCoPower Ltd.	-	97,028	-	252,290					
		₩ 1,463,213	₩ 1,824,581	₩ 1,277,592	₩ 417,334					

Significant fund transactions with related parties for the year ended December 31, 2023, are as follows:

(in thousands of Korean won) 2023											
			Loan (borrowing) transactions						ions		
Туре	Name of entity	Line item	E	Beginning	Loans/ Borrowings		Collection/ Repayment		Valuation/ mortization		Ending
Parent company	MiCo Ltd.	Financial assets at fair value through profit or loss ¹	₩	17,036,074	₩ -	. +	₩ -	₩	6,449,835	₩	23,485,909
	MiCo Ltd.	Financial liabilities at fair value through profit or loss ¹		(1,570,892)	-	•	-		(1,853,009)		(3,423,901)
			₩	15,465,182	₩ -	. +	₩ -	₩	4,596,826	₩	20,062,008

¹ During the year ended December 31, 2022, the Company acquired exchangeable bonds issued by MiCo Ltd., the Parent Company, which can be exchanged with ordinary shares of Mi Co Ceramics Ltd. Put option of exchangeable bonds is separately recognized as derivative liabilities (Notes 10 and 20).). Meanwhile, the Company notified to MiCo Ltd., the Parent Company, not to exercise the early redemption right of the exchangeable bonds until December 31, 2024.

(in thousands o	of Korean won)		2022									
						Loan (borr	owing) trans	actio	ns		
Туре	Name of entity	Line item	Beginnin	g	В	Loans/ orrowings		ollection/ epayment		luation/ ortization		Ending
Parent company	MiCo Ltd.	Bank deposits ¹	₩	-	₩	6,208,500	₩	6,208,500	₩	-	₩	-
	MiCo Ltd.	Financial assets at fair value through profit or loss ²		-		16,966,660		-		69,413		17,036,074
	MiCo Ltd.	Financial liabilities at fair value through profit or loss ²		-		(1,966,660)		-		395,769		(1,570,892)
			₩	-	₩	21,208,500	₩	6,208,500	₩	465,182	₩	15,465,182

¹ The Company sold foreign currency deposits of USD 5,000,000 to MiCo Ltd., the Parent Company, at the exchange rate on the date of making a contract.

During the year ended December 31, 2023, the Company paid dividends amounting to $\mbox{$\,$\fomale}$ 3,859,089 thousand (2022: $\mbox{$\,$\fomale}$ 2,122,499 thousand) to MiCo Ltd., the Parent Company. A dividend in respect of the year ended December 31, 2022, amounting to $\mbox{$\,$\fomale}$ 9,940,569 thousand was paid in April 2023. Meanwhile, the Company received dividends amounting to $\mbox{$\,$\fomale}$ 1,769,014 thousand, $\mbox{$\,$\fomale}$ 1,172,545 thousand and $\mbox{$\,$\fomale}$ 4,514,871 thousand from KoMiCo Technology Inc, KoMiCo Technology Taiwan Ltd. and KoMiCo Technology (Wuxi) Ltd., subsidiaries of the Company, respectively.

On May 30, 2023, the Company entered into a share purchase agreement to purchase 2,605,639 ordinary shares (percentage of ownership: 47.84%) of MiCoCeramics Ltd. held by MiCo Ltd., the Parent Company. The Company paid cash, assets and liabilities of the advanced materials division and 507,614 ordinary shares of MiCo BioMed Co., Ltd. as consideration paid, and the transaction was terminated on July 3, 2023 (deemed acquisition date: July 1, 2023), accordingly, the Company has obtained controls over MiCoCeramics Ltd. Although the Company owns less than 50% of the voting rights of MiCoCeramics Ltd., the Company concluded that the Company controls over the entity, and includes it as a subsidiary, with considering that the potential voting rights of the exchangeable bonds (percentage of ownership: 7.66%), which are exchangeable to ordinary shares of MiCoCeramics Ltd. held by the Company.

MiCo Ltd., the Parent Company, acquired additional 440,237 shares by participating in the Company's capital increase through allocation to a third party during the year ended December 31, 2023.

² During the year ended December 31, 2022, the Company acquired exchangeable bonds issued by MiCo Ltd., the Parent Company, which can be exchanged with ordinary shares of Mi Co Ceramics Ltd. Put option of exchangeable bonds is separately recognized as derivative liabilities (Notes 10 and 20).

Details of payment guarantees provided to related parties by the Company as at December 31, 2023 and 2022, are as follows. There are no collateral and payment guarantees provided by related parties.

(in USD)			2023	
	Guarar	nteed amount	Guaranteed by	Remarks
KoMiCo Technology Singapore Pte.LTD	USD	1,750,000	The Export-Import Bank of Korea	Guarantees for borrowings
KoMiCo Technology Singapore Pte.LTD	USD	9,600,000	Citibank Korea Inc.	Guarantees for borrowings
KoMiCo Technology Taiwan Ltd.	USD	8,400,000	Citibank Korea Inc.	Guarantees for borrowings
KoMico Equipment Parts Shenzehn Co Ltd	USD	9,600,000	Citibank Korea Inc.	Guarantees for borrowings
KoMiCo Hillsboro LLC	USD	18,000,000	KDB	Guarantees for borrowings
KoMiCo Technology Inc	USD	30,000,000	Citibank Korea Inc.	Guarantees for borrowings
(in USD)			2022	
	Guarar	nteed amount	Guaranteed by	Remarks
KoMiCo Technology Singapore Pte.LTD	USD	2,100,000	The Export-Import Bank of Korea	Guarantees for borrowings
KoMiCo Technology Singapore Pte.LTD	USD	7,200,000	Citibank Korea Inc.	Guarantees for borrowings
KoMiCo Technology Taiwan Ltd.	USD	10,800,000	Citibank Korea Inc.	Guarantees for borrowings
KoMiCo Technology (Wuxi) Ltd.	USD	6,150,000	KDB	Guarantees for borrowings
KoMico Equipment Parts Shenzehn Co Ltd	USD	9,600,000	Citibank Korea Inc.	Guarantees for borrowings
KoMiCo Hillsboro LLC	USD	18,000,000	KDB	Guarantees for borrowings
KoMiCo Technology Inc	USD	30,000,000	Citibank Korea Inc.	Guarantees for borrowings

Key management for employee services for the years ended December 31, 2023 and 2022, consists of:

(in thousands of Korean won)		2023		2022
Long and short-term employee benefits	₩	1,774,484	₩	1,938,399
Post-employment benefits		176,100		121,436
	₩	1,950,584	₩	2,059,835

The above key management includes registered executives who have significant authority and responsibilities on activities, planning, operations and controls of the Company.

38. Reporting by Segment

The Company management who makes strategic decisions has determined the operating segments. As at December 31, 2023 and 2022, the Company is a single segment, and the information by segment at the company-wide level is as follows.

Information about revenue

(in thousands of Korean won)		2023	2022		
Revenue of merchandises					
Parts	₩	3,676,974	₩	6,395,071	
Cleaning		231,113		535,981	
Coating		217,889		224,260	
Revenue of finished goods					
Cleaning		51,183,232		55,615,382	
Coating		71,421,245		81,147,791	
Parts		87,725		2,915,438	
	₩	126,818,178	₩	146,833,923	

Information about key customers

Details of external customers, who contribute more than 10% of the Company's revenue for the years ended December 31, 2023 and 2022, are as follows:

(in thousands of Korean won)		Reve	nue				
Type ¹		2023		2022	Classification		
A company	₩	66,190,291	₩	65,363,942	Merchandises and finished goods		
B company		38,741,667		51,687,737	Merchandises and finished goods		

¹ Customers under the same control were considered as a single external customer.



Independent Auditor's Report on Internal Control over Financial Reporting

(English Translation of a Report Originally Issued in Korean)

To the Board of Directors and Shareholders of KoMiCo Ltd.

Opinion on Internal Control over Financial Reporting

We have audited KoMiCo Ltd.'s (the Company) Internal Control over Financial Reporting as at December 31, 2023, based on *Conceptual Framework for Designing and Operating Internal Control over Financial Reporting*.

In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as at December 31, 2023, based on *Conceptual Framework for Designing and Operating Internal Control over Financial Reporting*.

We also have audited, in accordance with Korean Standards on Auditing, the separate financial statements of the Company, which comprise the separate statement of financial position as at December 31, 2023, and the separate statement of comprehensive income, separate statement of changes in equity and separate statement of cash flow for the year then ended, and notes to the separate financial statements including a summary of significant accounting policies, and our report dated March 13, 2023 expressed an unqualified opinion.

Basis for Opinion on Internal Control over Financial Reporting

We conducted our audit in accordance with Korean Standards on Auditing. Our responsibility under these standards are further described in the *Auditor's Responsibilities for the Audit of Internal Control over Financial Reporting* section of our report. We are independent of the Company in accordance with the ethical requirements of the Republic of Korea that are relevant to our audit of internal control over financial reporting and we have fulfilled our other ethical responsibilities in accordance with the ethical requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management and Those Charged with Governance for Internal Control over Financial Reporting

Management is responsible for designing, implementing and maintaining effective internal control over financial reporting, and for its assessment about the effectiveness of internal control over financial reporting, included in the accompanying *Management's Report on the Effectiveness of Internal Control over Financial Reporting*.

Those charged with governance have the responsibilities for overseeing internal control over financial reporting.

Auditor's Responsibilities for the Audit of Internal Control over Financial Reporting

Our responsibility is to express opinion on the Company's internal control over financial reporting based on our audit. We conducted the audit in accordance with Korean Standards on Auditing. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

An audit of internal control over financial reporting involves performing procedures to obtain audit evidence about whether a material weakness exists. The procedures selected depend on the auditor's judgment, including the assessment of the risks that a material weakness exists. An audit includes obtaining an understanding of internal control over financial reporting and testing and evaluating the design and operating effectiveness of internal control over financial reporting based on the assessed risk.

Definition and Inherent Limitations of Internal Control over Financial Reporting

An entity's internal control over financial reporting is a process effected by those charged with governance, management, and other personnel, designed to provide reasonable assurance regarding the preparation of reliable financial statements in accordance with International Financial Reporting Standards as adopted by the Republic of Korea. An entity's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the entity; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with International Financial Reporting Standards as adopted by the Republic of Korea, and that receipts and expenditures of the entity are being made only in accordance with authorizations of management and those charged with governance; and (3) provide reasonable assurance regarding prevention, or timely

detection and correction of unauthorized acquisition, use, or disposition of the entity's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent, or detect and correct, misstatements. Also, projections of any assessment of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

The engagement partner on the audit resulting in this independent auditor's report is Chang-Hoon Lee, Certified Public Accountant.

Samil PricewaterhouseCoopers Seoul, Korea

March 13, 2024

This report is effective as at March 13, 2024, the audit report date. Certain subsequent events or circumstances, which may occur between the audit report date and the time of reading this report, could have a material impact on the Company's internal control over financial reporting thereto. Accordingly, the readers of the audit report should understand that there is a possibility that the above audit report may have to be revised to reflect the impact of such subsequent events or circumstances, if any.

Management's Report on the Effectiveness of Internal Control over Financial Reporting

(English Translation of a Report Originally Issued in Korean)

To the Shareholders, Board of Directors and Auditor of KoMiCo Ltd.

We, as the Chief Executive Officer (CEO) and the Internal Control over Financial Reporting Officer of KoMiCo Ltd. (the Company), assessed the effectiveness of the design and operation of the Company's Internal Control over Financial Reporting (ICFR) for the year ended December 31, 2023.

The Company's management, including ourselves, is responsible for designing and operating ICFR. We assessed the design and operating effectiveness of ICFR in the prevention and detection of an error or fraud which may cause material misstatements in the preparation and disclosure of reliable financial statements. We designed and operated ICFR in accordance with Conceptual Framework for Designing and Operating Internal Control over Financial Reporting (when other standards are used, the name) established by the Operating Committee of Internal Control over Financial Reporting in Korea (the ICFR Committee). And, we conducted an evaluation of ICFR based on Best Practice Guidance for Evaluating and Reporting Internal Control over Financial Reporting established by the ICFR Committee.

Based on the assessment results, we believe that the Company's ICFR, as at December 31, 2023, is designed and operated effectively, in all material respects, in accordance with Conceptual Framework for Designing and Operating Internal Control over Financial Reporting.

We certify that this report does not contain any untrue statement of a fact, or omit to state a fact necessary to be presented herein. We also certify that this report does not contain or present any statements which cause material misunderstandings, and we have reviewed and verified this report with sufficient due care.

February 21, 2024

Yong-Ha Choi, Chief Executive Officer

Sang-Won Lee, Internal Control over Financial Reporting Officer