



## **Furukawa Electric Co., Ltd.**

Financial Results Briefing for the Fiscal Year Ended March 2024 and Progress of 25 Medium-term Plan

May 13, 2024

**[Number of Speakers]**

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Hideya Moridaira

Koji Aoshima

President

Corporate Vice President, and General  
Manager of Finance & Accounting Division

## FY23 Financial Results and Progress of the 2025 Mid-term Plan



### Today's Agenda

- I. FY23 financial results and FY24 forecasts
- II. Progress of the 2025 Mid-term Plan
  - 1. Recognition of the current situation
  - 2. Progress of priority measures
    - (1) Maximizing revenues in existing businesses
    - (2) Building a foundation for creating new businesses
    - (3) Strengthening the foundation for ESG management
  - 3. Business portfolio optimization and allocation of management resources
  - 4. Management targets (Financial targets)

### Appendix

**Moridaira:** Thank you very much for taking time out of your busy schedule today to join us in the Group's FY2023 financial results and progress of the 2025 Mid-term Plan report. I will now explain in accordance with this document. Thank you for your cooperation.

Here is today's agenda. First, Mr. Aoshima will explain the results for FY2023 and the forecast for FY2024, and then I will explain the progress of the 2025 Mid-term Plan.

Now, Mr. Aoshima, please begin.

## FY23 financial results highlights



### ■ Net sales and income declined year on year, but up from previous forecasts

(JPY billion, ¥100 million, ¥100 USD)	FY22 Results <sup>*1</sup>	FY23 Previous forecasts <sup>*2</sup>	FY23 Results	YoY change <sup>*3</sup>	Change from previous forecasts	(Comparison with last year)	(Comparison with previous forecasts)
	a	b	c	c-a	c-b		
<b>Net Sales</b>	1,066.3	1,040.0	1,056.5	(9.8)	+16.5	【Increased】 Electronics & Automotive Systems 【Decreased】 Infrastructure	【Increased】 Infrastructure
<b>Operating income</b>	15.4	5.0	11.2	(4.3)	+6.2	【Increased】 Electronics & Automotive Systems, Functional Products 【Decreased】 Infrastructure	【Increased】 Infrastructure, Electronics & Automotive Systems, Functional Products
<b>Ordinary income</b>	17.3	4.0	10.3	(7.0)	+6.3	Increased interest expense Decreased foreign exchange gain	
<b>Net income attributable to owners of the parent</b>	15.9	0.0	6.5	(9.4)	+6.5	Extraordinary income for the previous FY: Gain on sale of equity interest in consolidated subsidiaries (JPY10.8 billion), etc.	
Average copper price	1,209	1,243	1,262	+52	+19		
Average exchange rate	135	144	145	+9	+1		

<sup>\*2</sup>Announced on February 8, 2024

<sup>\*1</sup>Restated only the FY2022 financial results following the start of voluntary application of the International Financial Reporting Standards (IFRS) at the equity method affiliate UACJ Corporation (Refer to the Appendix for details)

<sup>\*3</sup>Impact of deconsolidation of TOTOKU : Net sales JPY (12.2) billion, Operating income: JPY (2.3) billion

**Aoshima:** I am Aoshima from the Finance & Accounting Division. I will now explain the financial results for FY2023 and the forecast for FY2024.

See page five. The financial highlights for FY2023.

As for actual results for FY2023, net sales and income declined YoY, but increased from the previous forecasts.

Net sales were JPY1,056.5 billion, operating income was JPY11.2 billion, and operating income was positive JPY11.7 billion for Q4 alone. Ordinary income was JPY10.3 billion, partly due to an increase in interest expenses. Net income attributable to owners of the parent was positive JPY6.5 billion.

Compared to the previous forecast, operating income, ordinary income, and net income attributable to owners of the parent increased mainly due to higher-than-expected sales of optical cables for North America in the Infrastructure segment and one-time revenues from customers due to market fluctuations in the Electronics & Automotive Systems segment.

I will skip the explanation on page six through page eight, but the factors for YoY increases or decreases in sales and operating income are the same as the trends through Q3.

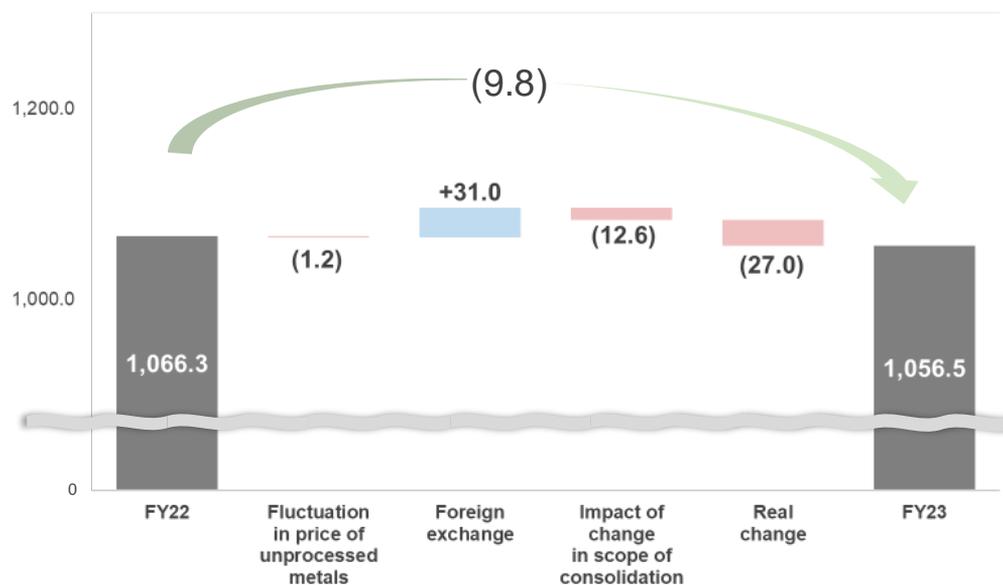
## FY23 results - P/L summary

(JPY billion, JPY/kg, JPY/USD)	FY22 Results* <sup>1</sup>	FY23 Previous forecasts* <sup>2</sup>	FY23 Results	YoY change* <sup>3</sup>	Change from previous forecasts	Breakdown of changes (Full year YoY)
	a	b	c	c-a	c-b	
<b>Net sales</b>	<b>1,066.3</b>	<b>1,040.0</b>	<b>1,056.5</b>	<b>(9.8)</b>	<b>+16.5</b>	See page 7
<b>Operating income</b>	<b>15.4</b>	<b>5.0</b>	<b>11.2</b>	<b>(4.3)</b>	<b>+6.2</b>	See page 8
(Margin)	1.4%	0.5%	1.1%	(0.4)	+0.6	
Interest revenues/expenses	(5.2)	-	(7.4)	(2.1)	-	
Profit/loss in equity method affiliates	3.8	-	6.3	+2.7	-	
Foreign exchange gain/loss	1.7	-	(0.1)	(1.8)	-	
<b>Ordinary income</b>	<b>17.3</b>	<b>4.0</b>	<b>10.3</b>	<b>(7.0)</b>	<b>+6.3</b>	
(Margin)	1.8%	0.4%	1.0%	(0.8)	+0.6	
Extraordinary income/loss	10.7	9.9	9.8	(0.9)	(0.1)	*Extraordinary income: (2.7) [17.6 → 14.9]
Income taxes	(10.3)	-	(11.8)	(1.3)	-	*Extraordinary loss: +1.9 [(7.0) → (5.1)]
Net income attributable to non-controlling interests	(1.7)	-	(2.0)	(0.2)	-	
<b>Net income attributable to owners of parent</b>	<b>15.9</b>	<b>0.0</b>	<b>6.5</b>	<b>(9.4)</b>	<b>+6.5</b>	
(Margin)	1.5%	0.0%	0.6%	(0.9)	+0.6	
Average copper price	1,209	1,243	1,262	+52	+19	*1 Restated only the FY2022 financial results following the start of voluntary application of the International Financial Reporting Standards (IFRS) at the equity method affiliate UACJ Corporation (Refer to the Appendix for details)
Average exchange rate	135	144	145	+9	+1	*3 Impact of deconsolidation of TOTOKU : Net sales JPY (12.2) billion Operating income: JPY (2.3) billion

<sup>2</sup>Announced on February 8, 2024

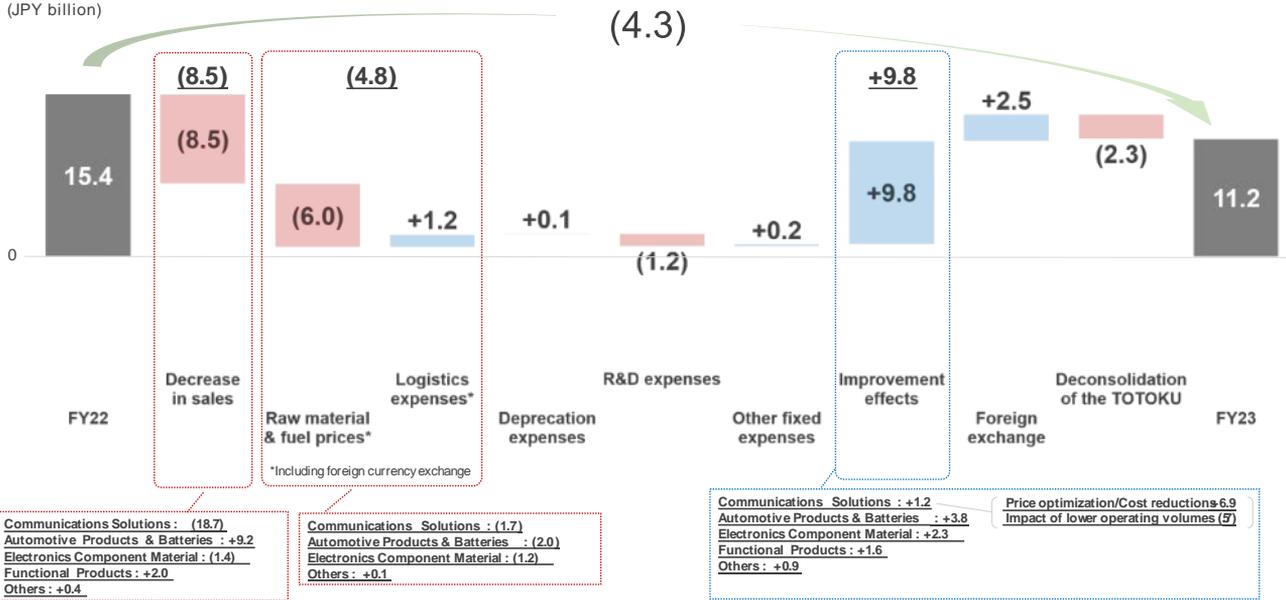
## FY23 results - Breakdown of changes in net sales

(JPY billion)



# FY23 results - Breakdown of changes in operating income

(JPY billion)



# FY23 Results

## Net sales & Operating Income by Segment



### ■ Infrastructure

YoY change: **Decreased operating income on lower net sales**

Change from previous forecast (operating income): **Overperformed**

(JPY billion)	Net Sales					Operating income					(+/-) Increase profits / (-) Decrease profit	
	FY22 Results a	*FY23 Previous forecasts b	FY23 Results c	YoY change c-a	Change from previous forecasts c-b	FY22 Results d	*FY23 Previous forecasts e	FY23 Results f	YoY change f-d	Change from previous forecasts f-e	YoY change	Change from previous forecasts
Infrastructure	323.9	265.0	278.2	(45.7)	+13.2	8.6	(13.5)	(11.3)	(19.9)	+2.2		
Communications Solutions	217.6	160.0	168.0	(49.7)	+8.0	6.5	(14.5)	(13.0)	(19.5)	+1.5	Decreased income on lower revenue (-) Prolonged inventory adjustments, restrained investment and project delays by customers in the Americas (-) Productivity impact of lower operating volumes	Overperformed (+) Increased revenue
Energy infrastructure	106.3	105.0	110.2	+4.0	+5.2	2.1	1.0	1.7	(0.4)	+0.7	Decreased income on higher revenue (-) Large-scale projects delay to next fiscal year and beyond (-) Increased depreciation expenses (-) Product compensation costs were incurred (+) Strong demand of functional power cable (Rakuraku aluminum cable <sup>®</sup> , etc.)	Generally as forecast

\*Announced on February 8, 2024

\*Announced on February 8, 2024

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The explanation by segment on page nine through page eleven is mainly about operating income compared to the previous forecast.

The Infrastructure segment exceeded the previous forecast.

In Communications Solutions, operating income exceeded the previous forecast by approximately JPY1.5 billion due to a slight increase in sales of optical cables for North America and cost containment. Operating income for Energy Infrastructure increased slightly, although it was mostly in line with our forecast.

# FY23 Results

## Net sales & Operating Income by Segment



### ■ Electronics & Automotive Systems

YoY change: **Increased operating income on higher net sales**  
**Change from previous forecast** **Overperformed**  
**(operating income):**

(\$Y billion)	Net Sales					Operating income					(+/-) Increase profits / (-) Decrease profit	
	FY22 Results a	<sup>1)</sup> FY23 Previous forecasts b	FY23 Results c	YoY change c-a	Change from previous forecasts c-b	FY22 Results d	<sup>1)</sup> FY23 Previous forecasts e	FY23 Results f	YoY change f-d	Change from previous forecasts f-e	YoY change	Change from previous forecasts
Electronics & Automotive Systems	610.3	660.0	653.7	+43.4	(6.3)	4.7	15.5	18.7	+14.0	+3.2		
Automotive Products & Batteries	337.4	395.0	379.8	+42.4	(15.2) <sup>2)</sup>	1.5	13.0	15.6	+14.2	+2.6	Increased income on higher revenue (+) Increased in automobile production (+) Improvement effects - Improve productivity and reduce air expenses by stabilizing customers' production plans - Sales price optimization	Overperformed (+) Lump-sum income from customers due to market fluctuations (+) Impact of foreign currency exchange  (-) Product compensation costs were incurred
Electronics Component Material	273.0	265.0	273.9	+1.0	+8.9	3.2	2.5	3.1	(0.1)	+0.6	Decreased income on higher revenue (-) Demand for electronics-related products declined (+) Sales price optimization (+) Limited fixed expenses	Generally as forecast (-) Product compensation costs were incurred

<sup>1)</sup> Announced on February 8, 2024  
<sup>2)</sup> Impact of elimination of intra-company transactions adjustment

<sup>1)</sup> Announced on February 8, 2024

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The Electronics & Automotive Systems segment exceeded the previous forecast.

In Automotive Products and Batteries, operating income exceeded the previous forecast by about JPY2.6 billion, partly due to lump-sum income from customers resulting from market fluctuations and the effect of foreign currency exchange. Operating income for Electronics Component Material was almost in line with the forecast but increased slightly.

# FY23 Results

## Net sales & Operating Income by Segment



- **Functional Products** YoY change (excluding special factor\*1): **Increased operating income on higher net sales**  
**Change from previous forecast (operating income): Generally as forecast**

[JPY billion]	Net Sales						Operating income				(+/-) Increase profits / (-) Decrease profit			
	FY22 Results	*FY22 Results (Excluding special factor)	*FY23 Previous forecasts	FY23 Results	YoY change	Change from previous forecasts	FY22 Results	*FY22 Results (Excluding special factor)	*FY23 Previous forecasts	FY23 Results	YoY change	Change from previous forecasts	YoY change	Change from previous forecasts
	a	a'	b	c	c-a'	c-b	d	d'	e	f	f-d'	f-e		
Functional Products	126.5	114.2	120.0	115.4	+1.2	(4.6) <sup>*3</sup>	4.2	1.8	5.0	5.5	+3.7	+0.5	Increased income on higher revenue	Generally as forecasts

\*2 Announced on February 8, 2024

\*2 Announced on February 8, 2024

\*1 Deconsolidation of TOTOKU from FY22Q4 : Net sales JPY (12.2) billion, Operating income: JPY (2.3) billion

\*3 Effect of elimination of consolidated net sales due to differences in fiscal year-ends (Jan-Dec) of overseas subsidiaries

(+) Strong demand for generative AI and renewable energy related products

Page 11.

In the Functional Products segment, net sales fell short of the forecast due to the effect of sales elimination caused by the differences in fiscal year-ends of overseas subsidiaries. However, operating income was almost in line with the forecast, but slightly up by about JPY0.5 billion, due to continued strong demand for products related to generative AI.

## FY23 results - B/S summary

(JPY billion)	End of 22Q4*	End of 23Q4	Change
	a	b	b-a
<b>Current assets</b>	<b>486.8</b>	<b>517.8</b>	<b>+30.9</b>
Cash and bank deposits	47.4	48.9	+1.5
Notes and accounts receivable trade	229.6	245.7	+16.2
Inventories	172.3	183.6	+11.4
<b>Non-current assets</b>	<b>446.6</b>	<b>467.2</b>	<b>+20.6</b>
Property, plant and equipment	269.3	278.6	+9.4
Intangible assets	20.2	20.3	+0.0
Investments and other assets	157.1	168.3	+11.2
<b>Total Assets</b>	<b>933.5</b>	<b>985.0</b>	<b>+51.5</b>
<b>Current liabilities</b>	<b>381.0</b>	<b>400.9</b>	<b>+19.9</b>
<b>Non-current liabilities</b>	<b>223.3</b>	<b>226.1</b>	<b>+2.7</b>
<b>Total Liabilities</b>	<b>604.4</b>	<b>627.0</b>	<b>+22.6</b>
Shareholders' equity	283.5	284.7	+1.3
Accumulated other comprehensive income	18.2	43.4	+25.2
Net income attributable to non-controlling interests	27.4	29.9	+2.5
<b>Total Net assets</b>	<b>329.1</b>	<b>358.0</b>	<b>+28.9</b>
<b>Total Liabilities and Net assets</b>	<b>933.5</b>	<b>985.0</b>	<b>+51.5</b>
Interest-bearing debt	323.8	333.0	+9.2
Net interest-bearing debt	276.4	284.1	+7.7
Capital ratio	32.3%	33.3%	+1.0
NET D/E ratio	0.9	0.9	(0.1)
ROE	5.5%	2.1%	(3.4)

**Inventories**  
Increased by JPY 11.4 billion (including the impact of foreign currency exchange and copper prices of JPY +8.4 billion)

Projects and construction planned to be recorded as net sales in the future  
\* Decreased by JPY10.6 billion compared to Q3

**Property, plant and equipment & Intangible assets**  
Increased by JPY9.4 billion

- Impact of CAPEX and depreciation: JPY+2.6 billion
- Impact of foreign currency exchange: JPY +11.5 billion
- Impact of deconsolidation: JPY (5.2) billion

**Total assets**  
Increased by JPY 51.5 billion

- Impact of foreign currency exchange: JPY +34.4 billion
- Impact of new consolidation: JPY +0.5 billion

**Other comprehensive income**  
Increased by JPY 25.2 billion

Foreign currency translation adjustments: JPY +15.7 billion (impact of yen depreciation)

\*Restated only the FY2022 financial results following the start of voluntary application of the International Financial Reporting Standards (IFRS) at the equity method affiliate UACJ Corporation (Refer to the Appendix for details)

### Free cash flow

FY22	FY23
JPY+14.8 billion	JPY + 7.1 billion

Page 12 is a B/S summary at the end of FY2023.

Total assets increased by JPY51.5 billion. Of this amount, JPY34.4 billion was due to foreign exchange effects. Inventories increased by JPY11.4 billion from the end of the previous year. Excluding the JPY8.4 billion impact of foreign exchange and copper prices, inventories increased by approximately JPY3.0 billion.

In net assets, foreign currency translation adjustments in other comprehensive income increased by JPY25.2 billion due to the weaker yen.

Free cash flow was positive JPY7.1 billion and net interest-bearing debt increased by JPY7.7 billion, partly due to the impact of yen depreciation, but the net D/E ratio improved by 0.1 point.

## FY24 Forecast Highlights

### ■ Increase in sales and profit at each stage

Establish forecasts based on the fact that semiconductor and optical cables markets slowly improve from the bottom in FY23, and stable automotive production plans

(JPY billion, JPY/kg, JPY/USD)	FY23 Results	FY24 Forecasts	YoY change	
	a	b	b-a	(Comparison with last year)
<b>Net Sales</b>	<b>1,056.5</b>	<b>1,080.0</b>	<b>+23.5</b>	
<b>Operating income</b>	<b>11.2</b>	<b>25.0</b>	<b>+13.8</b>	
<b>Ordinary income</b>	<b>10.3</b>	<b>20.5</b>	<b>+10.2</b>	Foreign exchange loss
<b>Net income attributable to owners of the parent</b>	<b>6.5</b>	<b>13.0</b>	<b>+6.5</b>	Extraordinary income for the previous fiscal year: Partial sales of overseas listed securities, etc.
Average copper price	1,262	1,155	(107)	
Average exchange rate	145	140	(5)	

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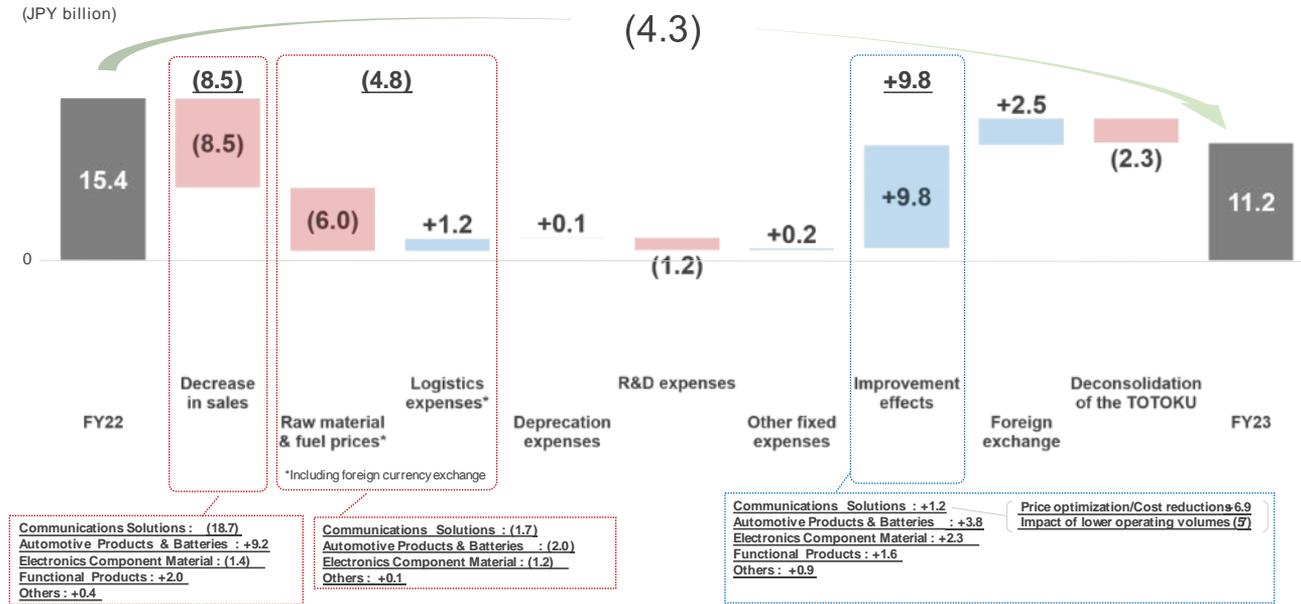
Next, we will explain our forecast for FY2024. See page 13.

For FY2024, we forecast YoY increases in net sales and profit at each stage.

We forecast net sales of JPY1,080.0 billion, operating income of JPY25.0 billion, ordinary income of JPY20.5 billion, and net income attributable to owners of the parent of JPY13.0 billion. Details of net sales and operating income will be explained later. Operating income assumes a non-operating foreign exchange loss due to the assumed exchange rate of JPY140. Extraordinary income is based on the assumption that we will continue streamlining our asset holdings.

The assumptions for the exchange rate and copper price are as shown.

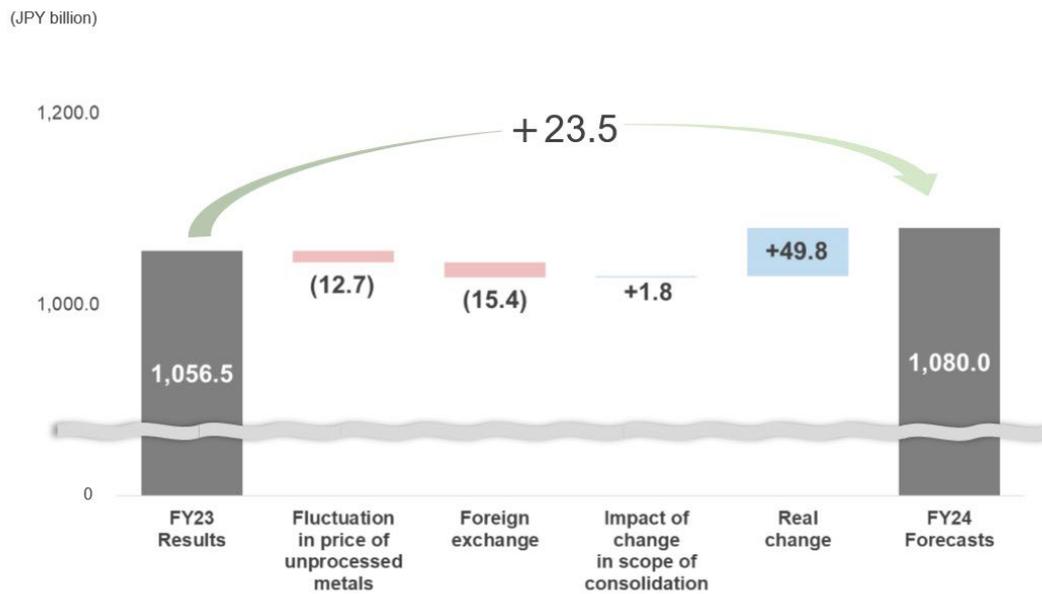
# FY23 results - Breakdown of changes in operating income



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Page 14 is a P&L summary. I will spare you the explanation.

## FY24 Forecasts - Analysis of Changes in Net Sales

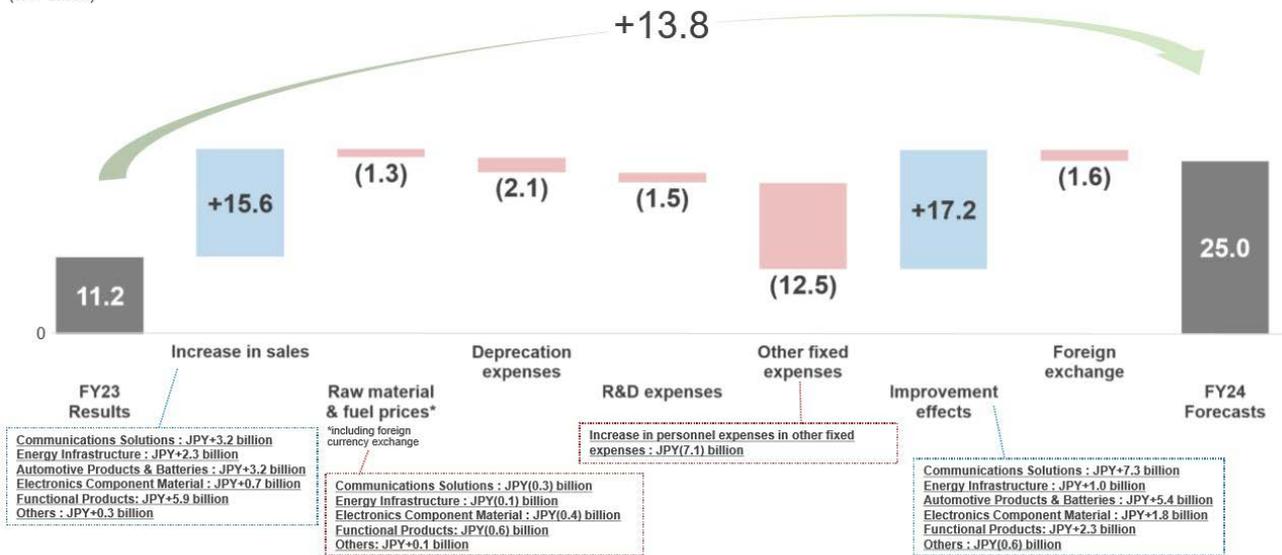


Page 15 shows the analysis of changes in net sales.

Excluding the effects of fluctuation in price of unprocessed metals and foreign exchange, the amount of real change is an increase of JPY49.8 billion.

# FY24 Forecasts Breakdown of the Changes in Operating Income

(JPY billion)



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Page 16 shows the breakdown of the changes in operating income.

The positive JPY15.6 billion is due to a substantial increase in sales. Although other fixed expenses will increase by JPY12.5 billion due to an increase in personal expenses from higher wages, increased operations, and the return of fixed expenses that were curbed in the previous year, we expect an increase of JPY13.8 billion from FY2023, with an additional JPY17.2 billion expected from productivity improvements, price optimization, product mix, and other improvement effects.

## FY24 forecasts - net sales and operating income by segment



JPY billion	Net sales				Operating income			
	FY22 Results	FY23 Results	FY24 Forecasts	YoY change	FY22 Results	FY23 Results	FY24 Forecasts	YoY change
	a	b	c	c-a	d	e	f	f-e
<b>Infrastructure</b>	323.9	278.2	290.0	+11.8	8.6	(11.3)	(2.5)	+8.8
Communications Solutions	217.6	168.0	175.0	+7.0	6.5	(13.0)	(6.0)	+7.0
Energy infrastructure	106.3	110.2	115.0	+4.8	2.1	1.7	3.5	+1.8
<b>Electronics &amp; Automotive Systems</b>	610.3	653.7	650.0	(3.7)	4.7	18.7	21.0	+2.3
Automotive Products & Batteries	337.4	379.8	385.0	+5.2	1.5	15.6	16.5	+0.9
Electronics Component Material	273.0	273.9	265.0	(8.9) <sup>2</sup>	3.2	3.1	4.5	+1.4
<b>Functional Products<sup>※</sup></b>	126.5	115.4	135.0	+19.6	4.2	5.5	10.0	+4.5
<b>Service and Developments, etc.</b>	31.7	31.6	30.0	(1.6)	(2.1)	(1.9)	(3.5)	(1.6)
Elimination of intra-company transactions	(26.1)	(22.4)	(25.0)	(2.6)	0.1	0.1	0.0	(0.1)
<b>Total</b>	<b>1,066.3</b>	<b>1,056.5</b>	<b>1,080.0</b>	<b>+23.5</b>	<b>15.4</b>	<b>11.2</b>	<b>25.0</b>	<b>+13.8</b>

(Reference)

JPY/kg JPY/USD	FY22 Results	FY23 Results	FY24 Forecasts
Average copper price	1,209	1,262	1,155
Average exchange rate	135	145	140

<sup>※</sup>Reference

**Functional Products**

(Excluding special factor<sup>※1</sup> on FY22)

114.2	115.4	135.0	+19.6	1.8	5.5	10.0	+4.5
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<sup>※1</sup>Deconsolidation of the TOTOKU from FY22Q4

<sup>※2</sup>Substantially increase revenue excluding impact of changes in copper prices

I will skip the explanation on page 17.

## FY24 forecasts - operating income by segment

Operating income of main segments		Income image compared to the last half						
JPY billion		FY22 Results	FY23 Results		FY24 Forecasts		YoY change	Premise of FY24 forecasts
Segments	Sub-segments		H1	H2	H1	H2		
Infrastructure	Communications Solutions	6.5	(13.0)		(6.0)		<b>+7.0</b>	<ul style="list-style-type: none"> <li>Demand recovering</li> <li>Capture demand, including new customers, by strengthening the production and sales structure</li> </ul>
			(6.0)	(6.9)	→	↗		
	Energy Infrastructure	2.1	1.7		3.5		<b>+1.8</b>	<ul style="list-style-type: none"> <li>Increase in domestic sales related to extra-high voltage and renewable energy products (weighted in the second half)</li> <li>Moderate economic recovery in China</li> </ul>
			(2.6)	4.4	↘	↗		
Electronics & Automotive Systems	Automotive Products & Batteries	1.5	15.6		16.5		<b>+0.9</b>	<ul style="list-style-type: none"> <li>Stabilization of automobile production plans</li> <li>Increase in models equipped with aluminum wire harnesses</li> </ul>
			2.3	13.3	↘	↗		
	Electronics Component Material	3.2	3.1		4.5		<b>+1.4</b>	<ul style="list-style-type: none"> <li>Electronics-related business recovered (second half of FY24)</li> <li>Improvement of product mix</li> </ul>
			0.6	2.5	→	↗		
Functional Products (Excluding special factor*)		1.8	5.5		10.0		<b>+4.5</b>	<ul style="list-style-type: none"> <li>Gradual recovery in demand for semiconductors and hard-disk-drive related products</li> <li>Strong demand related to generated AI</li> </ul>
			2.1	3.4	↗	↗		
Consolidated total (Include special factor*, service and developments segment, elimination)		15.4	11.2		25.0		<b>+13.8</b>	
			(4.6)	15.8	↘	↗		

\*Deconsolidation of the TOTOKU from FY22Q4

Page 18 shows an image of operating income for H1 and H2.

While we recognize that the overall market is in a recovery trend, there are many markets that will recover in H2, and we cautiously anticipate the scale and timing of the recovery. Since some of our businesses have traditionally been weighted in H2, we expect that the start of Q1 will not be so high compared to Q4 of 2023, and we feel that the balance between H1 and H2 will be about 30% and 70%.

This table shows the direction of income compared to the last half.

We recognize that this is the direction for the Energy Infrastructure business, which has traditionally been weighted in H2, and for the Automotive Products & Batteries business, which has received lump-sum income in the last half. In H2, we expect an uptrend in all segments, but in the Functional Products segment, we expect the uptrend to continue throughout H1 and H2 due to strong AI-related demand.

# 1-(1) Infrastructure (Communications Solutions)

## FY24 Forecasts Increase in net sales and income

(JPY billion)	FY22 Results a	FY23 Results b	FY24 Forecasts c	YoY change c-b
Net sales	217.6	168.0	175.0	+7.0
Operating income	6.5	(13.0)	(6.0)	+7.0

### 【Factors affecting profits】

- (+) Increase operation and improve productivity in line with recovery in demand for optical fiber & cable in North America
- (+) Increase orders of data center related products
- (-) Increase in fixed costs due to recovery in demand

### Premise of business environment

	FY24_H1	FY24_H2
Fiber & cable	Recovery in demand	Elimination of customers' inventory adjustments Cable demand through BEAD*1 programs
Optical device/ Networking related products in Japan	Demand for the data center market Weighted heavily in the second half	

### Key points

- Shift from general-use products to high-value-added products and solutions
- Develop new customers and strengthen production and sales structure in the data center and FTTx market

Rollable ribbon cable

Networking systems

ITLA\*3/DFB\*4

\*1 Broadband Equity Access and Deployment Program  
 \*2 Fiber To The x (generic term for communications service networks using optical fiber)  
 \*3 Integrated Tunable Laser Assemble  
 \*4 Distributed Feedback Laser

Page 19, Communications Solutions.

The forecast is for YoY increases in both sales and income. Demand for optical fiber & cable is on a recovery trend, but we are cautious about the timing, and our forecast is based on the assumption that customers' inventory adjustments will be eliminated from H2. Excluding foreign exchange effects, net sales will increase in real terms, and productivity will also improve due to higher factory operations. Profit is also expected to increase due to an improved product mix and an increase in data center-related orders.

However, since we are forecasting a total loss for FY2024, we will continue to promote the initiatives shown in the key points.

## 1-(2) Infrastructure (Energy Infrastructure)

### FY24 Forecasts Increase in sales and income

(JPY billion)	FY22 Results a	FY23 Results b	FY24 Forecasts c	YoY change c-b
Net sales	106.3	110.2	115.0	+4.8
Operating income	2.1	1.7	3.5	+1.8

#### 【Factors affecting profits】

- (+) Large-scale projects such as domestic extra-high voltage cables and renewable energy submarine lines
- (+) Functional power cable (*Rakuraku* aluminum cable®, etc.) and transmission and distribution components
- (-) Increased fixed cost such as depreciation and R&D expenses

Premise of business environment			
>>	FY24_H1	FY24_H2	>>
Japan extra-high voltage	Demand such as domestic renewal and renewable energy projects /construction projects concentrated in the second half		
Submarine lines			
China	Moderate economic recovery		
Functional power cable/components	Steady demand		
Key points			
<ul style="list-style-type: none"> <li>• Secure orders with a focus on profits, and optimize sales prices  <span style="border: 1px solid black; padding: 2px;">Domestic underground extra-high voltage power cable</span> <span style="border: 1px solid black; padding: 2px;">Renewable energy projects</span> </li> <li>• Increase cable manufacturing and installation capacity</li> <li>• Increased sales by promoting marketing activities  <span style="border: 1px solid black; padding: 2px;"><i>Rakuraku</i> aluminum cable®</span> <span style="border: 1px solid black; padding: 2px;">Transmission and distribution components</span> </li> </ul>			

Page 20, Energy Infrastructure.

We forecast a YoY increase in both sales and income. Construction projects will continue to be concentrated in H2, and profit is expected to increase due to progress in domestic extra-high voltage cables and renewable energy submarine line projects.

**FY24 Forecasts** Increase in sales and income

(JPY billion)	FY22 Results a	FY23 Results b	FY24 Forecasts c	YoY change c-b
<b>Net sales</b>	337.4	<b>379.8</b>	<b>385.0</b>	<b>+5.2</b>
<b>Operating income</b>	1.5	<b>15.6</b>	<b>16.5</b>	<b>+0.9</b>

【Factors affecting profits】

(+) Slight increase in automobile production

(-) Increase fixed cost such as depreciation and R&D expenses

Premise of business environment				
	>>	FY24_H1	FY24_H2	>>
Automotive Products		Customer production plans are generally stable Slight increase in automobile production Increase in the number of models equipped with aluminum wire harnesses		
Batteries		Both automotive and industrial sales concentrated in the second half		
Key points				
		<ul style="list-style-type: none"> <li>Develop products and respond to autonomy for the electric vehicle market</li> </ul>		
		Aluminum wire harness (including high-voltage products)		

Page 21 is for Automotive Products & Batteries. Automobile production is expected to increase slightly, and Furukawa Battery's sales are expected to increase, resulting in YoY sales and profit growth.

**FY24\_Forecasts**      **Decrease in sales and increase in income**

(JPY billion)	FY22 Results	FY23 Results	FY24 Forecasts	YoY change	*Real sales increase excluding the impact of changes in copper prices (Reference: Average copper price JPY/kg)						
	a	b	c	c-b							
<b>Net sales</b>	273.0	<b>273.9</b>	<b>265.0</b>	<b>(8.9)</b> *	<table border="1"> <thead> <tr> <th>FY22 Results</th> <th>FY23 Results</th> <th>FY24 Forecasts</th> </tr> </thead> <tbody> <tr> <td>1,209</td> <td>1,262</td> <td>1,155</td> </tr> </tbody> </table>	FY22 Results	FY23 Results	FY24 Forecasts	1,209	1,262	1,155
FY22 Results	FY23 Results	FY24 Forecasts									
1,209	1,262	1,155									
<b>Operating income</b>	3.2	<b>3.1</b>	<b>4.5</b>	<b>+1.4</b>							

**【Factors affecting profits】**

- (+) Recovery of demand for electronics related products
- (+) Improvement of product mix
- (-) Increase fixed cost such as depreciation

**Premise of business environment**

>>      FY24\_H1      FY24\_H2      >>

Demand for automotive-related products are firm

Recovery in electronics-related demand

**Key points**

- Promote and expand sales of high-value-added products
 

Heat-resistant oxygen-free copper strips  
(for power semiconductors/heat dissipation components)

Ribbon cable and ultra fine flat wire  
(for 5G telecommunications)

High performance products  
(resistance materials)
- Optimize sales prices and withdraw from low-margin products

Page 22 is Electronics Component Material.

Excluding the impact of changes in copper prices, we forecast a YoY increase in real terms in both sales and income. In addition to steady demand for automotive-related products, the recovery of electronics-related demand from H2 is expected to improve factory productivity and boost profits.

### 3 Functional Products

#### FY24 Forecasts Increase in sales and income

(JPY billion)	FY22 Results	FY22* Results (Excluding special factor)	FY23 Results	FY24 Forecasts	YoY change
	a	a'	b	c	c-b
<b>Net sales</b>	126.5	114.2	115.4	135.0	+19.6
<b>Operating income</b>	4.2	1.8	5.5	10.0	+4.5

\* special factor : the effect of deconsolidation of the TOTOKU from FY22Q4

**【Factors affecting profits】**

(+) Demand recovery and elimination inventory of adjustments in the supply chain

(+) Favorable demand for generated AI

(-) Increase fixed cost such as depreciation and R&D expenses

Premise of business environment			
>>	FY24_H1	FY24_H2	>>
Moderate recovery in global demand for smartphones, PCs, and HDD related products			
Gradual elimination of inventory adjustments in the supply chain			
Generated AI-related investments continue to be brisk			
Key points			
<ul style="list-style-type: none"> <li>Continue to increase sales of high value-added products for data center and renewable energy markets</li> </ul>			
Tape for semiconductor process	High performance heat dissipation and cooling products	Aluminum blanks for HDD	Copper foil for high frequency circuit boards
<ul style="list-style-type: none"> <li>Establish a manufacturing structure to meet the growing demand for generated AI and semiconductor-related products</li> </ul>			

Page 23, Functional Products.

We forecast a YoY increase in both sales and income. In addition to continued brisk investment in products related to generated AI, we expect profit growth due to higher sales as demand for smartphones, PCs, and other products recovers and inventory adjustments in the supply chain gradually dissipate.

# CAPEX, Depreciation & amortization and R&D expenses



■ Continue the activities directed at increasing business profits and realizing future growth

## [CAPEX]

Make appropriate investments in line with market trends

## [R&D expenses]

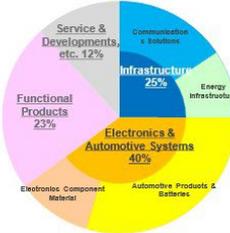
Continue to invest in R&D aimed at future growth

(JPY billion)	FY22 Results	*FY23 Previous Forecasts	FY23 Results	YoY change	Change from previous forecasts	FY24 Forecasts	YoY change	(JPY billion)	FY22 Results	*FY23 Previous Forecasts	FY23 Results	YoY change	Change from previous forecasts	FY24 Forecasts	YoY change
	a	b	c	c-a	c-b	d	d-c		a	b	c	c-a	c-b	d	d-c
CAPEX	43.8	43.0	39.0	(4.8)	(4.0)	48.0	+9.0	R&D expenses	23.3	26.0	24.5	+1.2	(1.5)	26.0	+1.5
Depreciation and amortization	39.1	39.0	39.0	(0.1)	(0.0)	41.0	+2.0								

\*Announced on November 9, 2023

\*Announced on November 9, 2023

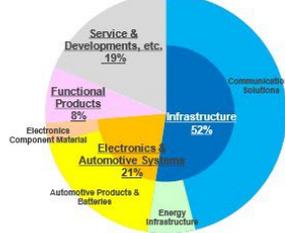
FY23 Results : JPY39.0 billion



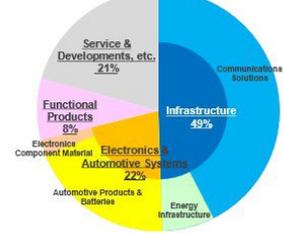
FY24 Forecasts : JPY48.0 billion



FY23 Results : JPY24.5 billion



FY24 Forecasts : JPY26.0 billion



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Page 24 shows CAPEX, depreciation & amortization, and R&D expenses.

CAPEX for FY2023 was JPY39.0 billion, a decrease of about JPY4.0 billion from the previous forecast, due to cost reductions. Depreciation & amortization for FY2023 was JPY39.0 billion, the same amount as CAPEX.

CAPEX in FY2024 is expected to be JPY48.0 billion, up JPY9.0 billion YoY. We will be conscious of cash allocation and make appropriate investments in line with market trends.

Regarding R&D expenses, we will continue to invest in R&D aimed at future growth.

That is all for my explanation.

**Moderator:** Next, President Moridaira will explain the progress of the 2025 Mid-term Plan. President Moridaira, please.

# 1. Recognition of the current situation

■ Overall demand is recovering in FY24. While the recovery timing and size are expected to be careful, we will steadily capture the opportunities for earnings growth in the second half, leading to FY25.

Operating income of main segments [repost page 18](#) Income image compared to the last half

Segments	Sub-segments	FY22 Results	FY23 Results		FY24 Forecasts		YoY change
			H1	H2	H1	H2	
Infrastructure	Communications Solutions	6.5	(13.0)		(6.0)		+7.0
			(6.0)	(6.9)			
	Energy Infrastructure	2.1	1.7		3.5		+1.8
			(2.6)	4.4			
Electronics & Automotive Systems	Automotive Products & Batteries	1.5	15.6		16.5		+0.9
			2.3	13.3			
	Electronics Component Material	3.2	3.1		4.5		+1.4
			0.6	2.5			
Functional Products (Excluding special factor*)		1.8	5.5		10.0		+4.5
			2.1	3.4			
Consolidated total (Include special factor*, service and developments segment, elimination)		15.4	11.2		25.0		+13.8
			(4.6)	15.8			



**FY25**  
**Operating income target**  
**More than JPY58.0 billion**

Including special factor\* JPY4.2 billion

\*Deconsolidation of TOTOKU from FY22Q4

**Moridaira:** I will now explain the progress of the 2025 Mid-term Plan.

First of all, I would like to start with a recognition of the current situation.

See page 27. This table, which Mr. Aoshima used earlier in his explanation, shows the whole picture. This shows the results for FY2023 and then the forecast for FY2024.

First, FY2023 results were tough, mainly due to a decline in Communication Solutions. However, other segments such as Automotive Products and Functional Products, as well as other segments, showed a recovery in H2 compared to H1.

We expect this trend to continue in FY2024 and for overall demand to recover. However, due to the traditional bias toward H2 and other factors, we are somewhat cautious in projecting the ratio compared to the last half as shown here for each sub-segment. Especially for Communications Solutions, we expect the recovery trend to become clearer in H2 of FY2024.

The current situation is still far from the target of the 2025 Mid-term Plan, which is to achieve operating income of JPY58.0 billion or more. However, we believe that whether or not the forecast for FY2024 can be achieved, especially in Communications Solutions, will determine whether or not the goals of the 2025 Mid-term Plan can be achieved. If this area continues to perform as expected, we believe we will be able to achieve the 2025 target.

# 1. Recognition of the current situation

FY22 (2nd year of the 2025 Mid-term Plan)		Toward FY2025
<b>Business environment</b>	<ul style="list-style-type: none"> <li>Automotive market recovered, and the semiconductor/ US optical cable markets deteriorated</li> <li>Yen steadily weakened against the US dollar, and domestic consumer prices rose</li> </ul>	<ul style="list-style-type: none"> <li>Strong market for AI related products, and semiconductor/ US optical cable markets will recover</li> <li>Increased political/ economic uncertainty, and greater market volatility</li> </ul>
<b>Status of businesses</b>	<ul style="list-style-type: none"> <li>Although steady progress was made in the initiatives to improve earnings capability, further improvements need to be made in response to the changing business environment</li> </ul>	<ul style="list-style-type: none"> <li>Enhance the ability to respond to risk through scenario planning</li> <li>Promote transition to a profit structure that is not affected by the market environment</li> </ul>
Communications Solutions	Sales declined due to the rapid market deterioration and prolonged downturn	Shift to high-value-added products, acquire new customers and strengthen the sales & manufacturing structures
Energy Infrastructure	Japan extra-high voltage underground cable projects and industrial power cable were firm	Continue to accept orders with a focus on profit, and strengthen the business foundation based on medium to long-term growth
Automotive Products & Batteries	Automobile production plans stabilized, and production volumes increased. Progress was made in improving productivity and optimizing sales prices	Develop products and respond to autonomy for the electric vehicle market
Electronics Component Material	Although automotive products recovered, electronics related demand was weak	Continue and strengthen the initiatives to improve the product mix and optimize sales prices
Functional Products	Although demand was weak overall, generative AI related products drove the financial results	Quickly respond to the market recovery and growth (prepare the production system and develop next-generation products)
<b>Financial results</b>	Although the results fell below the initial forecast, Automotive Products & Batteries and Functional Products recovered and grew, and the Communications Solutions business appears to have bottomed	Connect the initiatives aimed at increasing earnings to tangible results (Target set in 2025 Mid-term Plan remains unchanged)

See page 28. Efforts to improve profitability are steadily underway in each of our businesses toward achieving the goals of the 2025 Mid-term Plan that I just mentioned.

However, as market volatility tends to increase, we intend to further enhance our ability to respond to changes and strongly promote transition to a profit structure that is not affected by the business environment, which will lead to better results in the future.

The current business base and customer base of our group is largely based on communications, semiconductors, electronics, and automobiles, which have recently been undergoing major changes, and while there are naturally areas related to AI and data centers, where investment continues to be brisk, we recognize that in the Communications Solutions, which is experiencing a slump, the percentage of AI and data centers is probably somewhat lower than that of our competitors, and this is the reason for the lower profitability of our business. We are continuing to strengthen this area and are gradually seeing positive effects, and we will continue to do so to further solidify the recovery trend.

## 2. Progress of priority measures

Despite severe performance in FY23, steady progress was made in the priority measures in the 2025 Mid-term Plan toward PBR of more than one at an early stage



I will continue with an explanation of the progress of the priority measures.

See page 30.

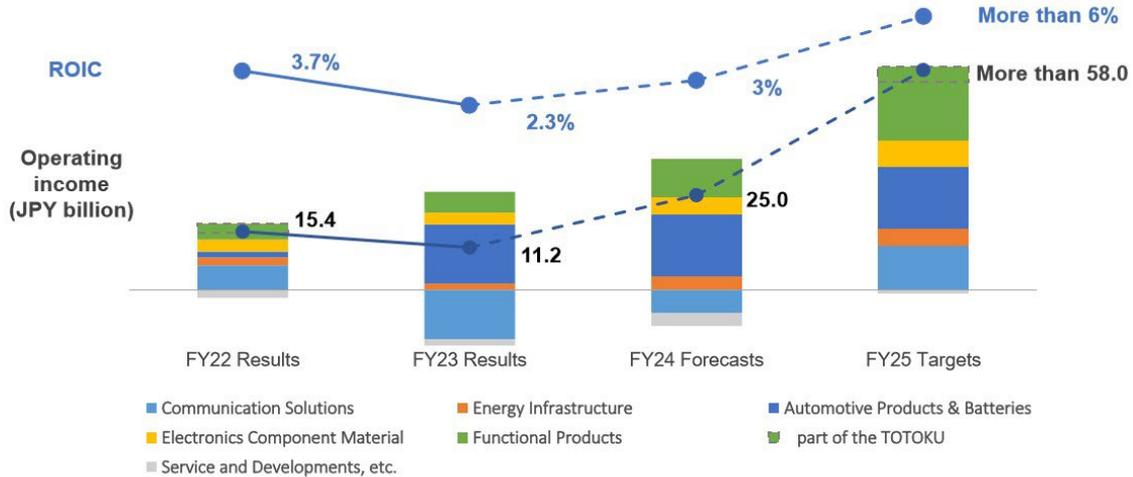
As I have just explained, despite tough consequences in FY2023, we are making steady progress in the three priority measures set forth in the 2025 Mid-term Plan. We will firmly continue these efforts to increase the corporate value of the Group and aim to achieve a PBR of more than one as soon as possible.

## 2. Progress of priority measures

### (1) Maximizing revenues in existing businesses

In the Communications Solutions business, initiatives aimed at improving earnings are being conducted

We are aiming to increase profit through stable earnings in the Automotive Products & Batteries business and further growth in the Functional Products business



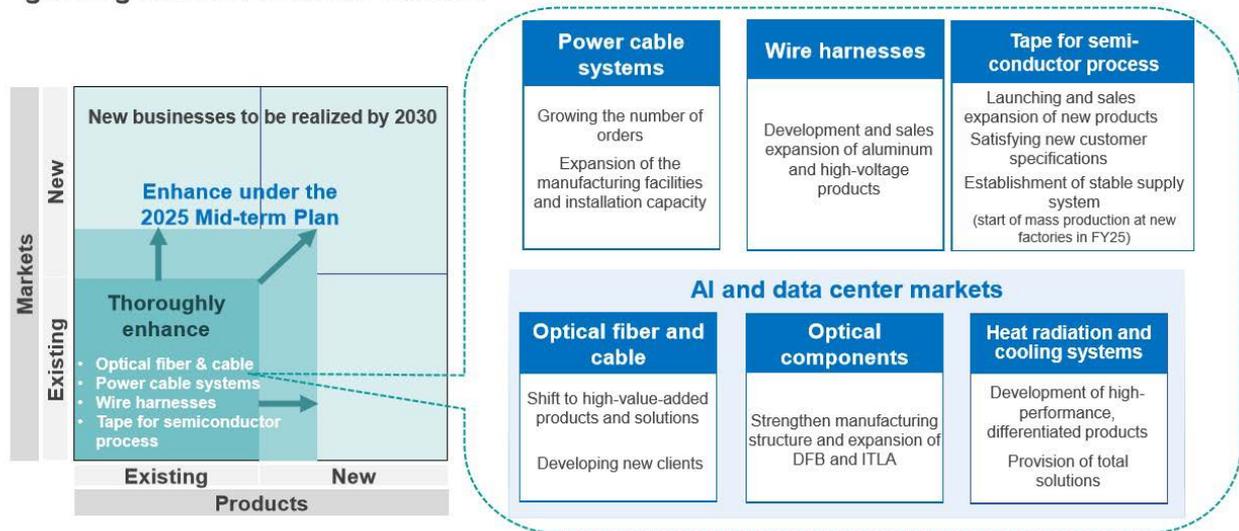
Page 31 is the status on maximizing revenues in existing businesses.

We plan to expand earnings by recovering the Communications Solutions segment, which posted an operating loss in FY2023, achieving further growth in the Functional Products segment, and stabilizing earnings in the Automotive Products & Batteries segment.

## 2. Progress of priority measures

### (1) Maximizing revenues in existing businesses

Making steady progress in the initiatives for each business. In addition, increase profits by growing AI and data center markets



See page 32. This slide was created with the intention of showing the progress of maximizing earnings in existing businesses by stepping out into new areas from existing products and markets, as shown in the figure on the left.

Efforts to maximize earnings in each of our businesses, such as power cable systems and wire harnesses, are making steady progress. As I mentioned earlier, in addition to these products, we will further expand sales of heat radiation and cooling systems, which are currently performing well in the AI and data center markets, while optimizing the product mix and expanding sales related to Communications Solutions, such as optical fiber cables and optical components, which I mentioned earlier as being under-performing in the current situation, in order to further increase our earnings.

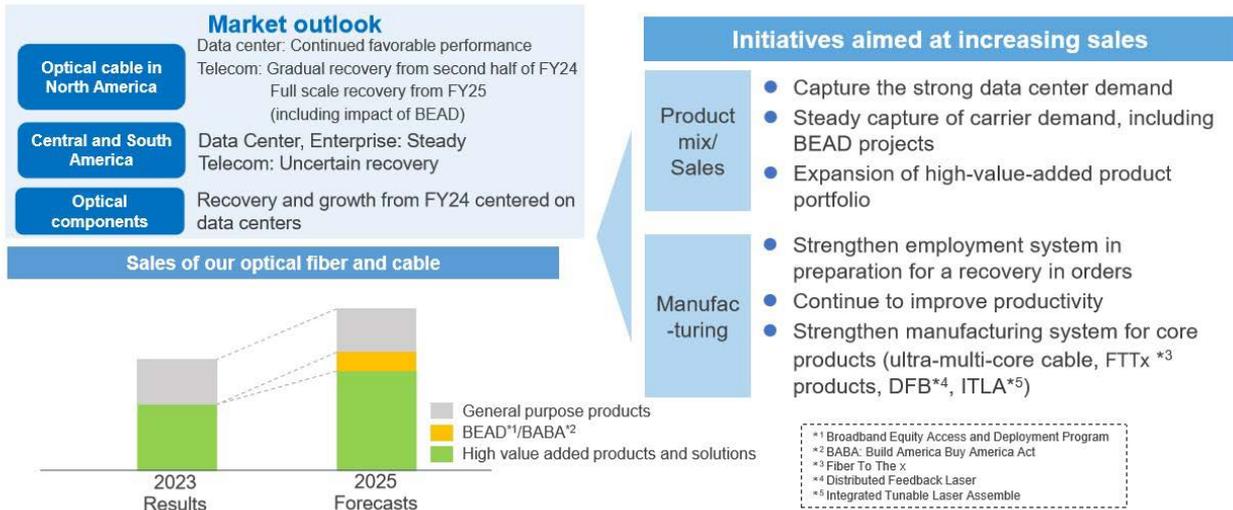
In addition, the new Mie Plant for semiconductor manufacturing tapes, in which we have already invested to increase production, is being prepared to start mass production in FY2025, and we are taking actions to capture further growth in the semiconductor market, which is expected to recover in the future.

## 2. Progress of priority measures

### (1) Maximizing revenues in existing businesses-Communications Solutions

Demand is expected to recover.

Capture growing demand by improving product mix and strengthening the production and sales structure



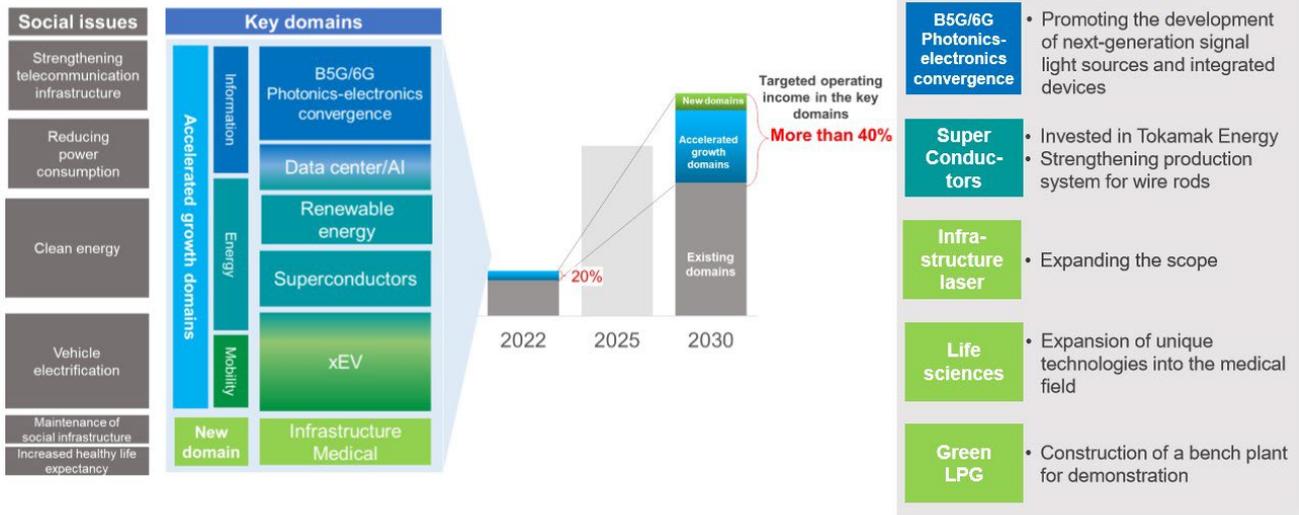
Let me tell you a little more about Communications Solutions.

In Europe and North America, where the market environment has been severe, especially in the North American market, inventory adjustments have begun to progress among telecommunications carriers and other customers, and it is now believed that the market has bottomed out. Orders are also showing signs of a gradual turnaround. We believe that a gradual recovery will begin to emerge and that we will respond to this recovery by closely monitoring its progress.

In addition, we will further promote sales expansion activities in the robust AI and data center markets to capture carrier demand, as well as demand for high value-added products or demand in expanding markets and ensure that demand is linked to growth by strengthening our production and sales structure. This is the concept behind the current recovery in Communications Solutions.

## 2. Progress of priority measures (2) Building a foundation for creating new businesses

### Making progress in the initiatives aimed at creating new businesses



See page 34. This is the second priority measure, which relates to building a foundation for creating new businesses.

In this second measure, various initiatives are also in progress. Please see the items listed here as main initiatives, as they are typical examples.

2. Progress of priority measures  
 (3) Strengthening the foundation for ESG management



Steady progress toward achieving sustainability targets

FY23	Although some indicators such as employee engagement scores did not achieve the target, the other indicators should be achieved																
FY24	<p><b>Set new targets for some indicators</b></p> <p><b>GHG emission reduction ratio: Change the baseline year</b></p> <p>GHG emissions (Scope 1, 2)              (1,000 tons CO<sub>2e</sub>)</p> <p>Old target              Sustainability target              Revised 2030 Environmental targets              New target</p> <p>2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030              expected</p>	<p><b>Employee engagement scores: Set consolidated targets</b></p> <table border="1"> <thead> <tr> <th></th> <th>FY22 Result</th> <th>FY23 Result</th> <th>FY24 Target</th> <th>FY25 Target</th> </tr> </thead> <tbody> <tr> <td>Non-consolidated</td> <td>65*</td> <td>63</td> <td></td> <td></td> </tr> <tr> <td>Consolidated</td> <td></td> <td>76</td> <td>77 (New target)</td> <td>80</td> </tr> </tbody> </table> <p>*Survey covers only indirect departments</p>		FY22 Result	FY23 Result	FY24 Target	FY25 Target	Non-consolidated	65*	63			Consolidated		76	77 (New target)	80
	FY22 Result	FY23 Result	FY24 Target	FY25 Target													
Non-consolidated	65*	63															
Consolidated		76	77 (New target)	80													
FY25	Aim to achieve all of the sustainability indicators and targets set in the 2025 Mid-term Plan																

We will now move on to page 35. This is the third priority measure, strengthening the foundation for ESG management.

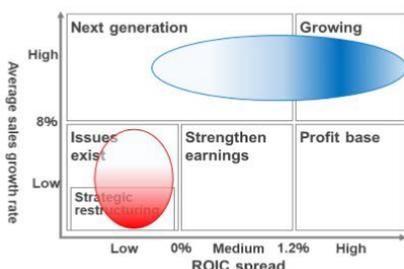
On the left side, GHG emission reduction is being managed under a new target, shifting the previous target to a stricter one. We are currently making progress in meeting this target.

On the right side, the employee engagement score is an indicator that aims to transform into a sustainable group over the medium to long term by improving the job satisfaction of our employees. Although we have been focusing on the non-consolidated score first, this year we have expanded the survey of scores to the entire group, and we intend to revitalize this effort with the improvement of this consolidated indicator as a new goal.

### 3. Business portfolio optimization and allocation of management resources

#### Implementing initiatives to optimize business portfolio

**Appropriate resource allocation and business management based on the management indicator (ROIC, FVA\*) are firmly established**



\*FVA(Furukawa Value Added) : Value added to invested capital Arranged EVA for us and introduced it as an internal control indicator in FY2022.

**Steady progress in business portfolio transformation**

<Projects in Progress>

Improved profitability: 2 projects, growth strategy: 2 projects, etc.

<Projects implemented>

- Consolidation of MFOPTEX Co., Ltd.
- Transfer of interests in Essex Furukawa Magnet Wire LLC
- Sale of shares of the TOTOKU ELECTRIC CO., LTD.
- Integrating the manufacturing business of general-purpose wire for the construction/electric sales market into Showa Furukawa Cable Co., Ltd.
- Consolidation and closure of optical fiber & cable manufacturing bases

**Continue efforts to improve the financial situation and generate cash**

- Improve Cash Conversion Cycle
- Reducing asset holdings, etc.

Next, I will talk about business portfolio optimization and allocation of management resources.

See page 37.

ROIC, and FVA(Furukawa Value Added), our proprietary indicator. The first step in implementing appropriate resource allocation based on these management indicators is to reduce or withdraw unprofitable or underperforming products at the product level. In conjunction with this, we are working on these indicators based on business growth through concentration on high-profit products. This has become quite well established.

As an extension of these activities, we are also looking at optimization in the context of businesses. Currently, two projects are underway for improved profitability and two projects are underway as growth strategies.

We are also continuing to improve our financial position and generate cash through measures such as improving our cash conversion cycle and reducing our asset holdings.

### 3. Business portfolio optimization and allocation of management resources

#### Basic policy on shareholder returns

The Company's basic policy is to provide stable and continuous returns to shareholders and to link dividend payments to business performance, with a target of 30% of net income attributable to owners of the parent

#### Dividends for FY23 and FY24

- For FY23, the dividend of JPY 60 per share will be issued
- For FY24, we plan to issue a dividend of JPY 60 per share

Annual dividend per share (JPY)



\*Restated only the FY2022 financial results following the start of voluntary application of the International Financial Reporting Standards (IFRS) at the equity method affiliate UACJ Corporation (Refer to the Appendix for details)

See page 38.

With regard to shareholder returns, our basic policy is to continue to provide stable and continuous returns to shareholders, while linking dividend payments to business performance, with a target of 30% of net income attributable to owners of the parent.

As for dividends for FY2023, we plan to pay JPY60 per share. We currently forecast a similar dividend of JPY60 per share for FY2024.

### 3. Management targets (Financial targets)

#### FY25 financial targets remain unchanged

	FY22 (Results)	FY23 (Results)	FY24 (Forecasts)		FY25 (Targets)
<b>ROIC (after tax)</b>	3.7%	2.3%	3%	▶	<b>More than 6%</b>
<b>ROE</b>	5.5%*	2.1%	4%	▶	<b>More than 11%</b>
<b>Net D/E ratio</b>	0.9	0.9	0.8	▶	<b>Less than 0.8</b>
<b>Capital ratio</b>	32.3%*	33.3%	34%	▶	<b>More than 35%</b>
<b>Net sales</b>	JPY1,066.3 billion	JPY1,056.5 billion	JPY1,080.0 billion	▶	<b>More than JPY 1,100.0 billion</b>
<b>Operating income</b>	JPY15.4 billion	JPY11.2 billion	JPY25.0 billion	▶	<b>More than JPY 58.0 billion</b>
<b>Net income attributable to owners of the parent</b>	JPY15.9 billion*	JPY6.5 billion	JPY13.0 billion	▶	<b>More than JPY 37.0 billion</b>
<b>Average copper price (JPY/Kg)</b>	1,209	1,262	1,155		1,085
<b>Average exchange rate (JPY/USD)</b>	135	145	140		110

\*Restated only the FY2022 financial results following the start of voluntary application of the International Financial Reporting Standards (IFRS) at the equity method affiliate UACJ Corporation (Refer to the Appendix for details)

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Finally, we have included overarching financial targets through FY2025.

The forecast for FY2024 and the target for FY2025 are shown in the table, respectively, and the targets for the Mid-term Plan have not been changed so far. As I have mentioned, we will continue to move forward to achieve the goals of the 2025 Mid-term Plan, paying particular attention to Communications Solutions, while keeping an eye on the transition in the current fiscal year.

This is all from me. Thank you very much for your kind attention.