

Furukawa Electric Group FY2023 Q3 Financial Results

February 8, 2024

Akihiro Fukunaga

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

Furukawa Electric Co., Ltd.



This presentation materials are created for the purpose of providing information on Furukawa Electric's activities for shareholders, investors, and members of the media.

Forward-Looking Statements

Projections of future sales and earnings in these materials are "forward-looking statements."

Management offers these projections in good faith and on the basis of information presently available.

Information in these statements reflects assumptions about such variables as economic trends and currency exchange rates.

Forward-looking statements incorporate known and unknown risks as well as other uncertainties that include, but are not limited to, the following items.

- Economic trends in the U.S, Europe, Japan and elsewhere in Asia, particularly with regard to consumer spending and corporate expenditures.
- Changes in exchange rates of the U.S. dollar, euro, and Asian currencies.
- Furukawa Electric Group's ability to respond to rapid advances in technology.
- · Changes in assumptions involving financial and managerial matters and the operating environment.
- Current and future trade restrictions and related matters in foreign countries.
- Changes in the market value of securities held by the Furukawa Electric Group.

Due to the above factors, actual sales, earnings, and other operating results may differ significantly from forward looking statements in these materials. In addition, following the release of these materials, Furukawa Electric Group assumes no obligation to announce any revisions to forward-looking statement in these materials.

Copyrights

Furukawa Electric Co., Ltd. retains copyrights and other rights involving these materials. Copyright and otherwise reusing these materials in any way without prior consent is prohibited.

FURUKAWA ELECTRIC CO., LTD.



Today's Agenda

FY2023 Q3 financial results and full-year forecasts

- FY2023 Q3 financial results highlights
- FY2023 Q3 results P/L summary
- FY2023 Q3 results Breakdown of changes in net sales
- FY2023 Q3 results Breakdown of changes in operating income
- FY2023 full-year forecasts P/L summary
- Revised FY2023 full-year forecasts operating income by segment
- Net sales and operating Income by segment
- FY2023 Q3 results B/S summary
- CAPEX, depreciation & amortization and R&D expenses
- Directed at FY2024

Appendix



FY2023 Q3 financial results and full-year forecasts

FY2023 Q3 financial results highlights



■ Net sales declined year on year and profits declined at each stage

(JPY billion, JPY/kg, JPY/USD)	FY22_Q3*	FY23_Q3	YoY change	
	а	b	b-a	(Comparison with last year)
Net Sales	785.9	765.3	(20.6)	[Increased] Electronics & Automotive Systems (Automotive Products & Batteries) [Decreased] Infrastructure, Electronics & Automotive Systems (Electronics Component Material), Functional Products
Operating income	6.0	(0.6)	(6.6)	[Increased] Electronics & Automotive Systems (Automotive Products & Batteries) [Decreased] Infrastructure, Electronics & Automotive Systems (Electronics Component Material), Functional Products
Ordinary income	8.8	(3.0)	(11.7)	Increased interest expense Foreign exchange loss
Net income attributable to owners of the parent	10.8	(6.5)	(17.3)	Extraordinary income for the previous fiscal year: Gain on sale of equity interest in consolidated subsidiaries (JPY10.8 billion), etc.
Average copper price	1,200	1,249	+49	
Average exchange rate	136	143	+7	

^{*}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)

FY2023 Q3 results - P/L summary

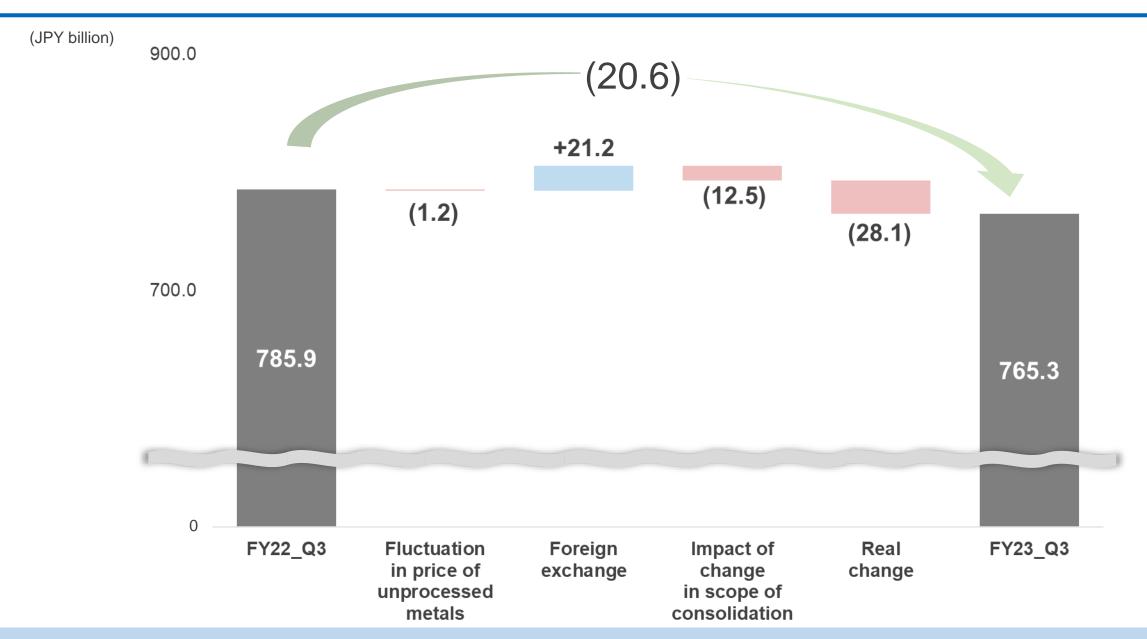


(JPY billion, JPY/kg, JPY/USD)	FY22_	Q3*	FY23	FY23_Q3		change	Breakdown of change
	Ī	10-12		10-12		10-12	(YoY in Q3)
	a	a'	b	b'	b-a	b'-a'	
Net sales	785.9	261.4	765.3	262.2	(20.6)	+0.8	See page 7
Operating income	6.0	1.4	(0.6)	4.1	(6.6)	+2.6	See page 8
(Margin)	0.8%	0.6%	(0.1)%	1.5%	(0.8)	+1.0	
Interest revenue/expense	(3.4)	(1.4)	(5.5)	(1.9)	(2.1)	(0.5)	
Profit/loss in equity method affiliates	3.1	(0.8)	3.6	1.4	+0.5	+2.2	
Foreign exchange gain/loss	1.2	(3.6)	(1.0)	(3.1)	(2.2)	+0.5	
Ordinary income	8.8	(3.4)	(3.0)	0.7	(11.7)	+4.0	
(Margin)	1.1%	(1.3)%	(0.4)%	0.3%	(1.5)	+1.5	
Extraordinary income/loss	11.9	11.8	2.7	(0.8)	(9.2)	(12.6)	•Extraordinary income : (8.0)
Income taxes	(9.0)	(3.4)	(5.3)	(1.6)	+3.7	+1.8	[14.6 → 6.5]Extraordinary loss: (1.2)
Net income attributable to non- controlling interests	(0.9)	(0.6)	(1.0)	(0.6)	(0.2)	(0.0)	$[(2.6) \rightarrow (3.8)]$
Net income attributable to owners of parent	10.8	4.5	(6.5)	(2.4)	(17.3)	(6.9)	
(Margin)	1.4%	1.7%	(0.9)%	(0.9)%	(2.2)	(2.6)	
Average copper price	1,200	1,189	1,249	1,264	+49	+75	
Average exhange rate	136	141	143	148	+7	+6	

^{*}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)

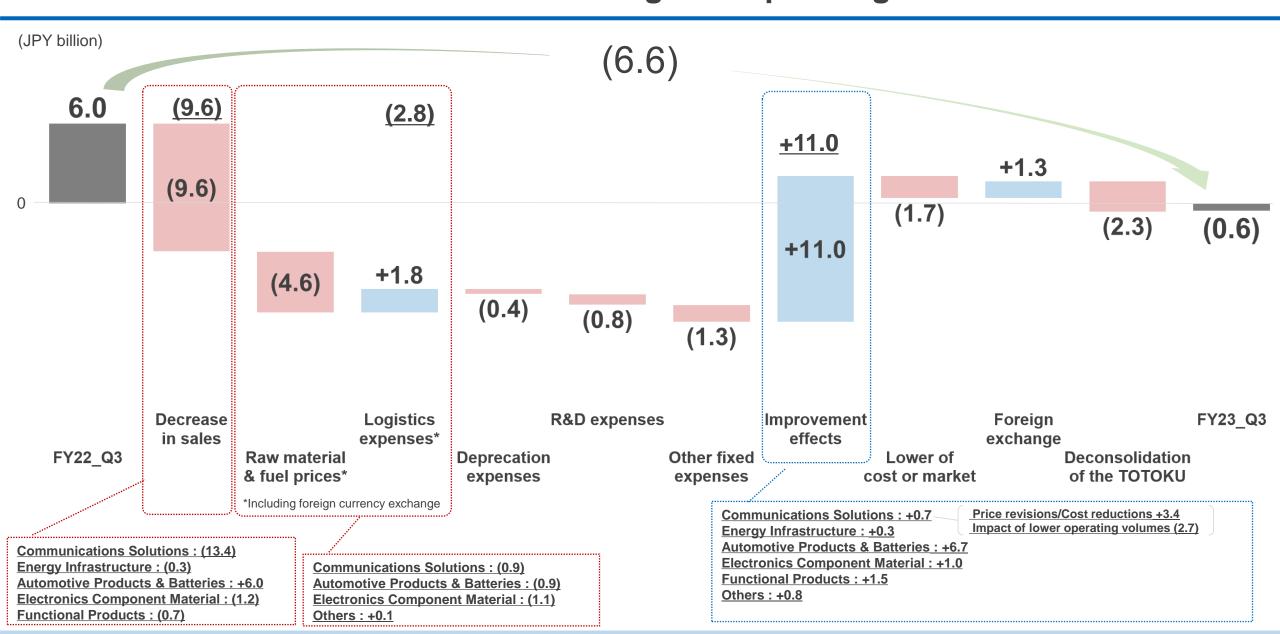
FY2023 Q3 results - Breakdown of changes in net sales





FY2023 Q3 results - Breakdown of changes in operating income





FY2023 full-year forecasts - P/L summary



■ Full-year forecasts remain unchanged

(JPY billion, JPY/kg, JPY/USD)	FY22	FY23	FY23	YonY	Change from	
	Results* ¹	Previous forecasts* ²	Forecasts	change	previous forecasts	
	a	<u>b</u>	С	c-a	c-b	
Net sales	1,066.3	1,040.0	1,040.0	(26.3)	-	
Operating income	15.4	5.0	5.0	(10.4)		
(Margin)	1.4%	0.5%	0.5%	(1.0)	-	
Interest revenue/expense	(5.2)	-	-	-	-	
Profit/loss in equity method affiliates	3.6	-	-	-	-	
Foreign exchange gain/loss	1.7	_	-	-	_	
Ordinary income	17.3	4.0	4.0	(13.3)	-	
(Margin)	1.6%	0.4%	0.4%	(1.2)	-	
Extraordinary income/loss	10.7	8.3	9.9	(8.0)	+1.6	
Income taxes	(10.3)	_	_		-	u
Net income attributable to non- controlling interests	(1.7)	-	-	-	-	
Net income attributable to owners of parent	15.9	0.0	0.0	(15.9)	-	
(Margin)	1.5%	0.0%	0.0%	(1.5)	_	
Average copper price	1,209	1,191	1,243	+34	+52	(Q4 assumption :
Average exhange rate	135	141	144	+8	+3	(Q4 assumption :

^{*2} Announced on November 9, 2023

^{*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)

Revised FY2023 full-year forecasts - operating income by segment



■ Compared to the previous forecast, Communications Solutions has been revised down and Automotive Products & Batteries has been revised up

(JPY billion)

Segments		Mair	n revision	Main reason for the revision
Infrastructure	Communications Solutions	Previous (12.5)	(2.0) (14.5)	 (-) Delayed demand recovery in the Americas in the optical fiber & cable business (+) Increased orders from recovering data center related demand
	Energy Infrastructure	(No	change)	-
Electronics & Automotive Systems	Automotive Products & Batteries	11.5	13.0 +1.5	 (+) Recovering sales and increased productivity (-) Changes to customer production plans (-) Recorded additional provision for product compensation costs
	Electronics Component Material	(No	change)	-
Functional Pro	oducts	(No	change)	_

^{*} Service & developments, etc.: Through limiting corporate expenses +0.5

Net sales and operating Income by segment (cumulative Q3)



(JPY billion)		Net sales		Operating income			
	FY22_Q3	FY23_Q3	YoY change	FY22_Q3	FY23_Q3	YoY change	
	а	b	b-a	С	d	d-c	
Infrastructure	238.2	198.9	(39.2)	3.6	(13.2)	(16.8)	
Communications Solutions	159.2	122.9	(36.3)	2.9	(11.7)	(14.7)	
Energy Infrastructure	79.0	76.0	(3.0)	0.7	(1.4)	(2.1)	
Electronics & Automotive Systems	444.7	474.7	+30.0	(1.1)	10.2	+11.3	
Automotive Products & Batteries	241.4	276.3	+34.9	(4.0)	8.3	+12.3	
Electronics Component Material	203.3	198.4	(4.9)	2.9	1.9	(1.0)	
Functional Products	101.2	85.5	(15.7)	5.2	3.9	(1.3)	
Service & Developments, etc.	22.1	23.2	+1.1	(1.6)	(1.6)	+0.0	
Elimination of intra-company transactions	(20.3)	(17.0)	+3.3	(0.0)	0.1	+0.1	
Total	785.9	765.3	(20.6)	6.0	(0.6)	(6.6)	

Net sales and operating Income by segment (full-year forecasts) A FURUKAWA



(JPY billion)			Net sales				Oţ	perating incom	ne	
	FY22 Results	FY23 Previous forecasts*	FY23 Forecasts	YoY change	Change from previous forecasts	FY22 Results	FY23 Previous forecasts*	FY23 Forecasts	YoY change	Change from previous forecasts
Infrastructure	323.9	270.0	265.0	(58.9)	(5.0)	8.6	(11.5)	(13.5)	(22.1)	(2.0)
Communications Solutions	217.6	165.0	160.0	(57.6)	(5.0)	6.5	(12.5)	(14.5)	(21.0)	(2.0)
Energy Infrastructure	106.3	105.0	105.0	(1.3)	-	2.1	1.0	1.0	(1.1)	-
Electronics & Automotive Systems	610.3	655.0	660.0	+49.7	+5.0	4.7	14.0	15.5	+10.8	+1.5
Automotive Products & Batteries	337.4	395.0	395.0	+57.6	-	1.5	11.5	13.0	+11.5	+1.5
Electronics Component Material	273.0	260.0	265.0	(8.0)	+5.0	3.2	2.5	2.5	(0.7)	_
Functional Products	126.5	120.0	120.0	(6.5)	-	4.2	5.0	5.0	+0.8	-
Service & Developments, etc.	31.7	30.0	30.0	(1.7)	_	(2.1)	(2.5)	(2.0)	+0.1	+0.5
Elimination of intra-company transactions	(26.1)	(35.0)	(35.0)	(8.9)		0.1	0.0	0.0	(0.1)	-
Total	1,066.3		1,040.0	(26.3)	-	15.4	5.0	5.0	(10.4)	

*Announced on November 9, 2023

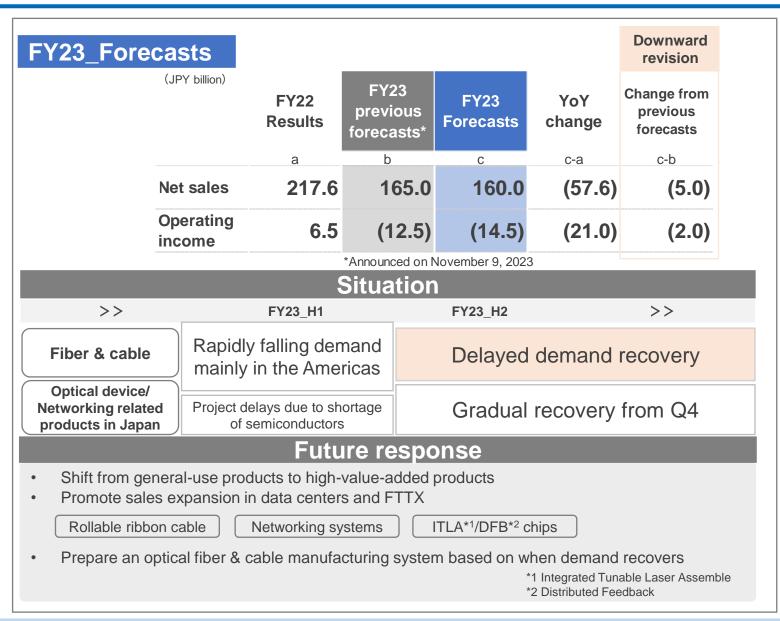
*Announced on November 9, 2023

1-(1) Infrastructure (Communications Solutions)



Decrease in sales FY23_Q3 and income (JPY billion) YoY FY23_Q3 **FY22 Q3** change а b-a 159.2 122.9 (36.3)**Net sales Operating** 2.9 (11.7)(14.7)income

- (-) Prolonged inventory adjustments, restrained investment and project delays by customers in the Americas
- (-) Productivity impact of lower operating volumes
- (-) Higher raw material & fuel prices
- (+) Sales price optimization
- (+) Reduced fixed cost
- (+) Increased orders from recovering data center related demand



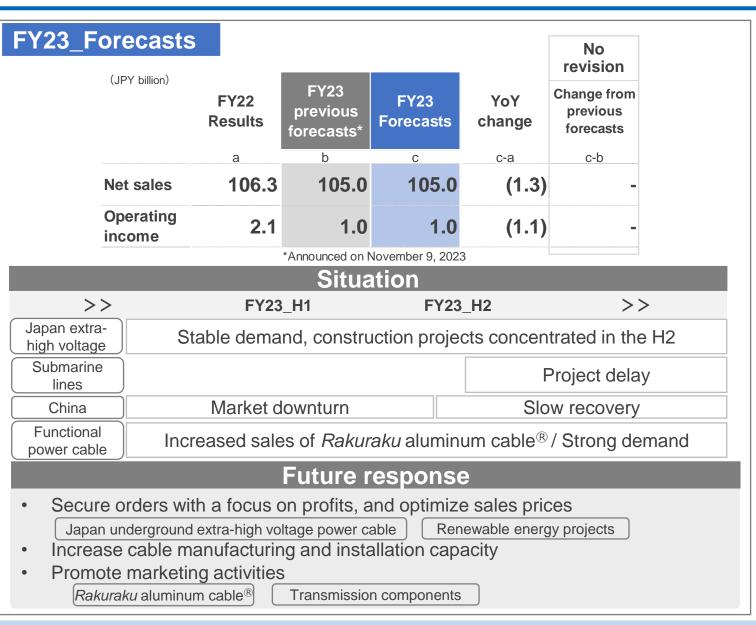
1-(2) Infrastructure (Energy Infrastructure)



Decrease in sales FY23_Q3 and income (JPY billion) YoY FY23 Q3 **FY22 Q3** change b-a а 79.0 76.0 (3.0)**Net sales Operating** 0.7 (1.4)(2.1)income

- (-) Decrease in sales and application of the lower of cost or market method*
 (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[®], etc.)

^{*}Because projects are concentrated in H2, expect a recovery in FY23 Q4

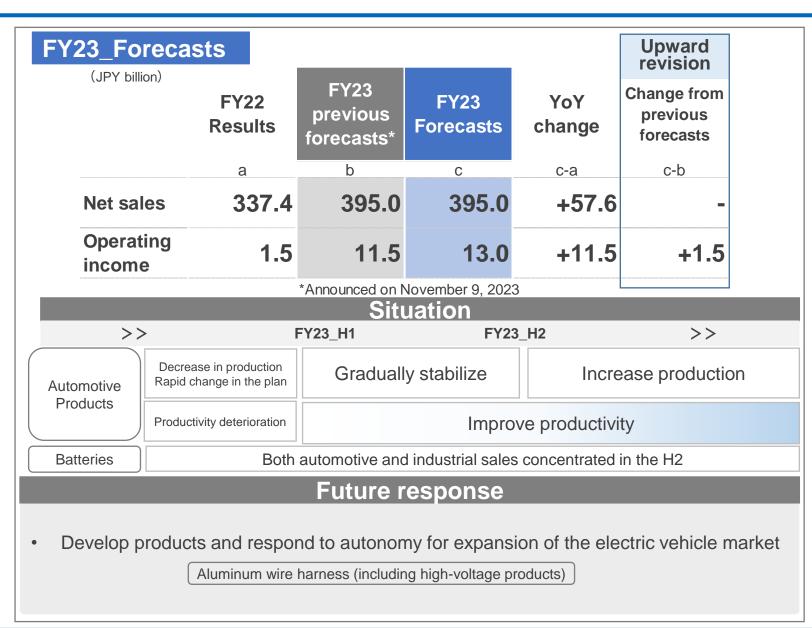


2-(1) Electronics & Automotive Systems (Automotive Products & Batteries)



FY23_Q3	3	Increase and incor	
(JPY billion)	FY22_Q3	FY23_Q3	YoY change
	a	b	b-a
Net sales	241.4	276.3	+34.9
Operating income	(4.0)	8.3	+12.3

- (+) Increase in automobile production
- (+) Improvement effects
 - Improve productivity and reduce air expenses by stabilizing customers' production plans
 - Sales price optimization
- (-) Product compensation costs were incurred
- (-) Higher raw material and fuel prices
- (-) Increased depreciation and R&D expenses
- (-) Slowdown for Japanese OEM operating in the Chinese market

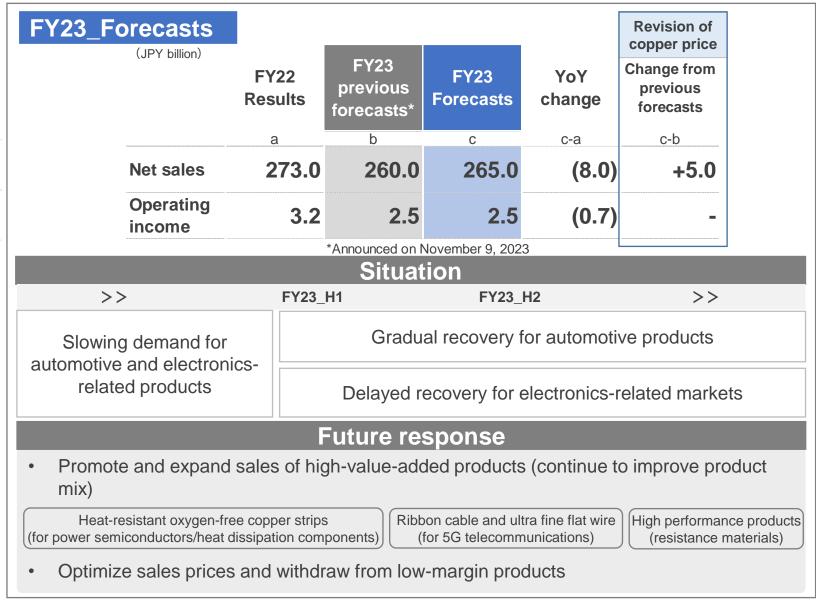


2-(2) Electronics & Automotive Systems (Electronics Component Material)



FY23_Q	3	Decrease in sales and income			
(JPY billion)	FY22_Q3	FY23_Q3	YoY change		
	а	b	b-a		
Net sales	203.3	198.4	(4.9)		
Operating income	2.9	1.9	(1.0)		

- (-) Demand for electronics-related declined
- (-) Higher raw material and fuel prices
- (+) Sales price optimization
- (+) Limited fixed expenses



3 Functional Products

5.2



FY23_Q3			ease in sa ease in inc	
(JPY billion)	FY22_Q3	FY22_Q3 (Excluding special factor)*1	FY23_Q3	YoY change
	a	a'	b	b-a'
Net sales	101.2	88.9	85.5	(3.4)

2.8

3.9

+1.1

[Factors affecting profits]

Operating

income

- (+) Strong demand for AI and renewable energy related products
- (-) Lower demand for smartphones, PCs and hard-disk drive (HDD) related products, and inventory adjustments in the supply chain

FY23_Fore	ecasts					No revision
(JPY billion)	FY22 Results (i	FY22 Results Excluding special factor)*1	FY23 previous forecasts* ²	FY23 Forecasts	YoY change	Change from previous forecasts
	а	a'	b	С	c-a'	c-b
Net sales	126.5	114.2	120.0	120.0	+5.8	-
Operating income	4.2	1.8	5.0	5.0	+3.2	_
			*2 Announced on	November 9, 20	23	
		S	ituation			
>>		FY23_H1	F	Y23_H2	1	>>
		Active inve	stment rela	ted to Al		
•	obal demand nones and P		Pr	olonged slu	ggish dema	and
Inventory adjust	ments in the su	pply chain	Prolonged	inventory adjus (Aluminum bl	stments and we anks for HDD)	eak demand
		Futui	re respoi	nse		
 Continue 	ne rapidly gr to increase s e energy ma	owing demarks	and related	to generativ		enter and
Tape for semicond		h performance h on and cooling ր		ninum blanks for		er foil for high cy circuit board
 Establish 	a production	n system for	r when dem	and increas	es	

^{*1}special factor: the effect of deconsolidation of the TOTOKU

FY2023 Q3 results - B/S summary



(JPY billion)	End of FY22*	End of FY23Q3	Change
	а	b	b-a
Current assets	486.8	510.8	+24.0
Cash and deposits	47.4	48.9	+1.5
Notes and accounts receivable	229.6	226.5	(3.0)
Inventories	172.3	194.3	+22.0
Non-current assets	446.6	454.4	+7.7
Property, plant & equipment	269.3	273.4	+4.1
Intangible assets	20.2	19.7	(0.5)
Investments and other assets	157.1	161.2	+4.1
Total Assets	933.5	965.2	+31.7
Current liabilities	381.0	400.9	+19.9
Non-current liabilities	223.3	233.8	+10.5
Total Liabilities	604.4	634.7	+30.4
Shareholders' equity	283.5	271.7	(11.8)
Accumulated other comprehensive income	18.2	30.2	+12.0
Non-controlling interests	27.4	28.5	+1.1
Total Net assets	329.1	330.4	+1.3
Total Lianbilities and Net assets	933.5	965.2	+31.7
Interest-bearing debt	323.8	352.9	+29.1
Capital ratio	32.3%	31.3%	(1.0)
NET D/E ratio	0.9	1.0	+0.1

^{*}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)

Inventories

<u>Increased by JPY 22.0 billion (including the impact of foreign currency exchange and copper prices of JPY +7.3 billion)</u>

- External factors including sudden changes in net sales
- Strategic inventory (Secure inventory in preparation for changes in the business environment, including the semiconductor shortage and increased maritime transportation lead times)
- Projects and construction planned to be recorded as net sales in the future

<u>Property, plant and equipment & Intangible assets</u> Increased by JPY 3.6 billion

- Impact of CAPEX and depreciation: JPY (0.6) billion
- Impact of foreign currency exchange: JPY +8.5 billion
- Impact of deconsolidation: JPY (3.0) billion

Total assets

Increased by JPY 31.7 billion

- Impact of foreign currency exchange: JPY +29.2 billion
- Impact of new consolidation: JPY +0.6 billion

Other comprehensive income

Increased by JPY 12.0 billion

Foreign currency translation adjustments: JPY +12.2 billion (impact of yen depreciation)

Net interest bearing debt

Increased by JPY 27.6 billion (From JPY 276.4 billion to JPY 304.0 billion)

CAPEX, Depreciation & amortization and R&D expenses



■ Full-year forecast remains unchanged

(billilon yen)	FY22_Q3	FY23_Q3	YoY change	FY22 Results	*FY23 Previous Forecasts	FY23 Forecasts	YoY change	Change from previous forecasts
***************************************	<u>a</u>	b	b-a	C	d	е	e-c	e-d
CAPEX	26.0	26.0	(0.0)	43.8	43.0	43.0	(0.8)	-
Depreciation and amortization	28.5	28.9	+0.4	39.1	39.0	39.0	(0.1)	-
R&D expenses	17.9	18.6	+0.8	23.3	26.0	26.0	+2.7	-
	17.9	18.6	+0.8	23.3		26.0		

Directed at FY2024



- Overall demand is expected to recover
 - Continue to pay attention to changes in the supply chain caused by natural disasters and geopolitical risk, and changes to customer plans
- Continue management with a focus on capital efficiency, and steadily improve profits

Image of operating income in FY2024

JPY: billion		FY22	FY23 Forecasts			FY24		
Segments	Sub-segments	Results		H1	H2 Forecast	Forecasts	Premise	
Infrastructure	Communica- tions Solutions	6.5	(14.5)	(6.0)	(8.5)		 North and Latin America markets will recover <u>after H2</u> (including demand creation from the BEAD* Program) Broadband Equity Access and Deployment Program Increased sales of high value-added products 	
	Energy Infrastructure	2.1	1.0	(2.6)	3.6		 Continued firm demand for Japan underground cable projects Progress in the projects postponed from FY2023 Strong demand for functional power cable (<i>Rakuraku</i> aluminum cable[®], etc.) 	
Electronics & Automotive Systems	Automotive Products & Batteries	1.5	13.0	2.3	10.7		Increased adoption of our aluminum wiring harnesses	
	Electronics Component Material	3.2	2.5	0.6	1.9		 Firm demand for automotive products Demand for electronics-related products will recover <u>after H2</u> 	
Functional Products		4.2	5.0	2.1	2.9		 Growing demand for data center related products (strong demand for Al related products, recovering demand for semiconductor related products) Firm demand for renewable energy related products 	



Thank you very much for your attention





Appendix

Appendix Changes from FY2023 – P/L



■ UACJ Corporation (equity method affiliate) started voluntary application of the International Financial Reporting Standards (IFRS)

As a result of the above change, the financial results for FY2022 have been restated

(JPY billion)	FY22_	Q3	FY22	
Net sales	785.9	785.9	1,066.3	1,066.3
Operating income	6.0	6.0	15.4	15.4
(Margin)	0.8%	0.8%	1.4%	1.4%
Interest revenue/expense	(3.4)	(3.4)	(5.2)	(5.2)
Profit/loss in equity method affiliates	5.0	3.1	6.0	3.6
Foreign exchange gain/loss	1.2	1.2	1.7	1.7
Ordinary income	10.7	8.8	19.6	17.3
(Margin)	1.4%	1.1%	1.8%	1.6%
Extraordinary income/loss	11.9	11.9	10.7	10.7
Income taxes	(9.3)	(9.0)	▲ 10.7	▲ 10.3
Net income attributable to non-controlling interests	(0.9)	(0.9)	▲ 1.7	▲ 1.7
Net income attributable to owners of parent	12.4	10.8	17.9	15.9
(Margin)	1.6%	1.4%	1.7%	1.5%

Appendix Changes from FY2023 -B/S



■ UACJ Corporation (equity method affiliate) started voluntary application of the International Financial Reporting Standards (IFRS)

As a result of the above change, the financial results for FY2022 have been restated

		(JPY billion)
	End of FY2022	End of FY2022
Current assets	486.8	486.8
Cash and deposits	47.4	47.4
Notes and accounts receivable	229.6	229.6
Inventories	172.3	172.3
Non-current assets	448.0	446.6
Property, plant & equipment	269.3	269.3
Intangible assets	20.2	20.2
Investments and other assets	158.5	157.1
Total Assets	934.8	933.5
Current liabilities	381.0	381.0
Non-current liabilities	222.8	223.3
Total Liabilities	603.8	604.4
Shareholders' equity	280.6	283.5
Accumulated other comprehensive income	23.0	18.2
Non-controlling interests	27.4	27.4
Total Net assets	331.0	329.1
Total Lianbilities and Net assets	934.8	933.5
Interest-bearing debt	323.8	323.8
Capital ratio	32.5%	32.3%
NET D/E ratio	0.9	0.9
ROE	6.1%	5.5%

Appendix Segments and Business Divisions



Segment	Sub-segment	Business Division	
	Communications	Optical Fiber and Cable Products	
	Communications Solutions	FITEL Products	
Infrastructure	Solutions	Broadband Solutions Business	
	Energy Infractructure	Power Cable	
	Energy Infrastructure	Industrial Cable & Power Cable Accessories	
	Automotive Products	Automotive Products	
Electronics & Automotive	& Batteries	Batteries	
Systems	Electronics Component	Electric Conductor (including fine magnet wire)	
	Material	Copper & High Performance Material Products	
	-	AT & Functional Plastics	
Functional Products		Thermal Management Solution & Products	
Functional Products		Memory Disk	
		Copper Foil	
Service and Developments, etc.		•	