# Financial Results FY2022 (Apr.1- Mar.31)



April 26, 2023 ZEON CORPORATION



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#### **Q4 FY2022 Summary and Segment Overview**



#### [Summary]

- ♦ In Q4 consolidated results, sales were up, but profits were down YoY, while both sales and profits were down QoQ.
- ◆ As for raw material prices, Naphtha was down, while Asian butadiene was up. Yen was appreciated.
  - ◆Overall, market was lackluster due to sluggish demand caused by economic recession

#### [Elastomer Business Overview]

- ♦ Sales up but profits down YoY owing to selling price adjustments in response to raw material prices and impact of exchange rate, etc. Both sales and profits down QoQ.
- ◆ Sales volume up QoQ, but market was lackluster.

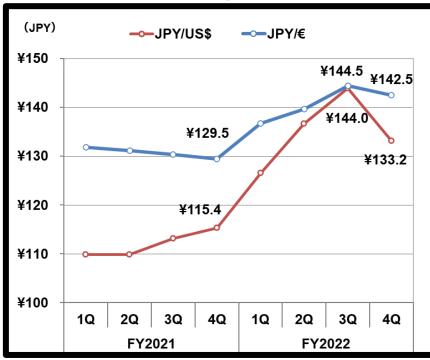
#### [Specialty Materials Business Overview]

- ♦ Sales of battery materials down due to customer inventory adjustments, but leveled off due to consolidation adjustments. Sales of large size films down YoY due to decreased shipments. Sales of specialty plastics up QoQ, but turned to down due to adjustments under the Accounting Standard for Revenue.
- ◆ Profits down both YoY and QoQ due to increase in energy prices and new development costs.

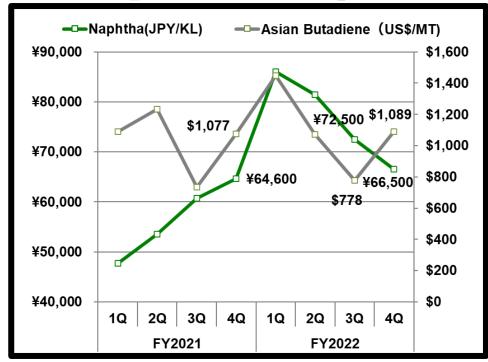
# Q4 FY2022 Business Environment (Trends in Exchange Rates and Prices of Raw Materials)



### [Exchange Rates]



#### [Raw Materials]



	Q4 FY2021	Q3 FY2022	Q4 FY2022	YoY(%)	QoQ(%)
JPY/US\$	¥115.4	¥144.0	¥133.2	+15%	<b>▲</b> 7%
JPY/€	¥129.5	¥144.5	¥142.5	+10%	<b>▲</b> 1%
Naphtha(JPY/KL)	¥64,600	¥72,500	¥66,500	+3%	<b>▲</b> 8%
Asian Butadiene(US\$/MT)	\$1,077	\$778	\$1,089	+1%	+40%

<sup>\*</sup>Naphtha: Figures for Q4 FY2021 and Q3 FY2022 are confirmed, while the figure for Q4 FY2022 is our estimate.



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### **Q4 FY2022 Performance Summary (Overall)**



(Unit : JPY100m)	Q4 FY2021	Q3 FY2022	Q4 FY2022	YoY	QoQ	FY2021	FY2022	YoY (FY)
Net Sales	930	968	944	+14	-24	3,617	3,886	269
Operating Income	80	77	-7	-87	-83	444	272	-173
Ordinary Income	103	67	3	-100	-64	495	314	-181
Net Income	60	9	-77	-138	-86	334	106	-228

■ YoY (in 3 mo.) : Net Sales +1.4B JPY, Operating Income -8.7B JPY

■ QoQ : Net Sales -2.4B JPY, Operating Income -8.3B JPY

■ YoY (in 12 mo.) : Net Sales +26.9B JPY, Operating Income -17.3B JPY

Note: Results at overseas subsidiaries from October to December 2022 are reflected in Q4 consolidated results.

# **Q4 FY2022 Performance Summary (By Segment)**



(Unit: JPY100m)

Net Sales	Q4 FY2021	Q3 FY2022	Q4 FY2022	YoY	QoQ
Elastomer Business	526	559	549	23	-10
Specialty Materials Biz.	265	249	239	-26	-11
Others/Eliminations, etc.	139	159	157	18	-3
Net Sales (consolidated)	930	968	944	14	-24
Operating Income	Q4 FY2021	Q3 FY2022	Q4 FY2022	YoY	QoQ
Operating Income  Elastomer Business	•	<b>▼</b> =		YoY -47	QoQ -49
	FY2021	FY2022	FY2022		, - ,
Elastomer Business	FY2021 27	FY2022 29	FY2022 -20	-47	-49

## **FY2022 Performance Summary (By Segment)**



(Unit: JPY100m)

Net Sales	FY2021	FY2022 FCST	FY2022	YoY (FY)	YoY (vs FCST)	YoY % (vs FCST)
Elastomer Business	2,006	2,205	2,222	+217	+17	1 %
Specialty Materials Biz.	1,068	1,050	1,054	-14	+4	0 %
Others/Eliminations, etc.	544	615	610	+67	-5	-1 %
Net Sales (consolidated)	3,617	3,870	3,886	+269	+16	0 %
Operating Income	FY2021	FY2022 FCST	FY2022	YoY (FY)	YoY (vs FCST)	YoY % (vs FCST)
Operating Income  Elastomer Business	FY2021 186	FCST	FY2022 102		(vs FCST)	
<u> </u>		FCST 100		(FY)	(vs FCST)	(vs FCST)
Elastomer Business	186	FCST 100 190	102	(FY) -84	(vs FCST) +2 -7	(vs FCST)

Note: FCST for 2022 is as of January 31, 2023.

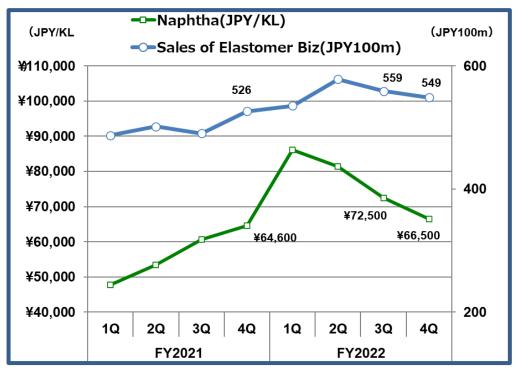


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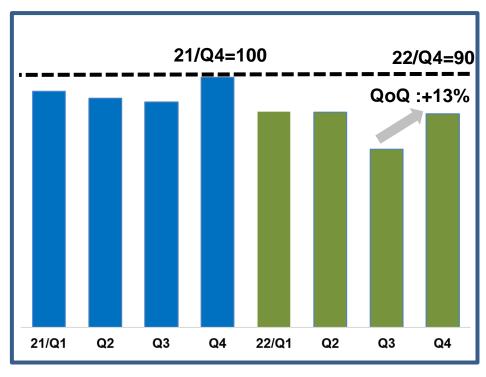
#### **Elastomer Business Overview**



#### [Naphtha Price vs. Elastomer Sales]



#### [ Synthetic Rubber Sales Volume ]



- Net sales down due to selling price adjustments corresponding to Naphtha prices.
- Synthetic rubber sales volume down YoY due to shipment adjustments for regular repairs at main plants but up QoQ after repairs complete.

#### **Elastomer Business Profit and Loss**

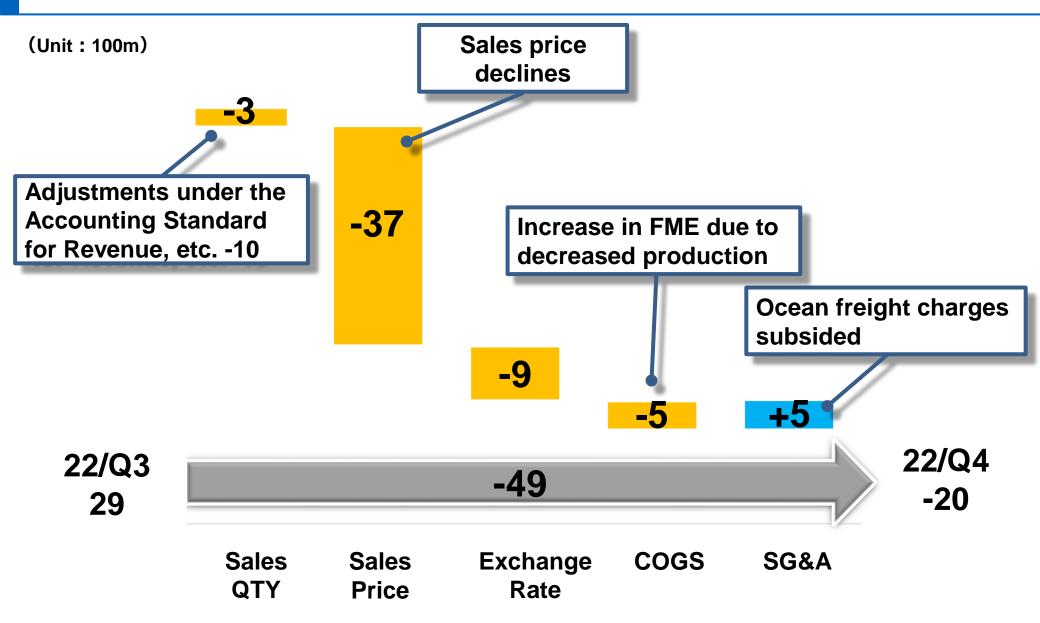


(Unit : 100m)	Q4 FY2021	Q3 FY2022	Q4 FY2022	YoY	YoY(%)	QoQ	QoQ(%)
Sales Volum€ (21/Q4=100)	100	76	81	-19 pt	-19 %	<b>5</b> pt	7 %
Synthetic rubbers	100	80	90	-10 pt	-10 %	10 pt	13 %
Latexes	100	73	59	-41 pt	-41 %	-13 pt	-18 %
Chemicals	100	66	71	<b>-29</b> pt	-29 %	<b>4</b> pt	7 %
Net Sales	526	559	549	23	4 %	-10	-2 %
Synthetic rubbers	354	413	400	46	13 %	-14	-3 %
Latexes	46	35	29	-17	-36 %	-5	-15 %
Chemicals	116	98	107	-9	-8 %	9	9 %
Others/Eliminations	10	13	13	2	22 %	0	-1 %
Operating Income	27	29	-20	-47	-175 %	-49	-170 %
Operating income ratio	5%	5%	-4%				

- Sales volume: Synthetic rubber shipments were down YoY, but up QoQ, and there was also continued excess latex inventory for gloves and excess chemical inventory for adhesive tapes.
- Net sales / Operating income: Synthetic rubbers were up YoY in 12 mo. owing to selling price adjustments according to raw material prices but chemicals were down YoY due to market lackluster.

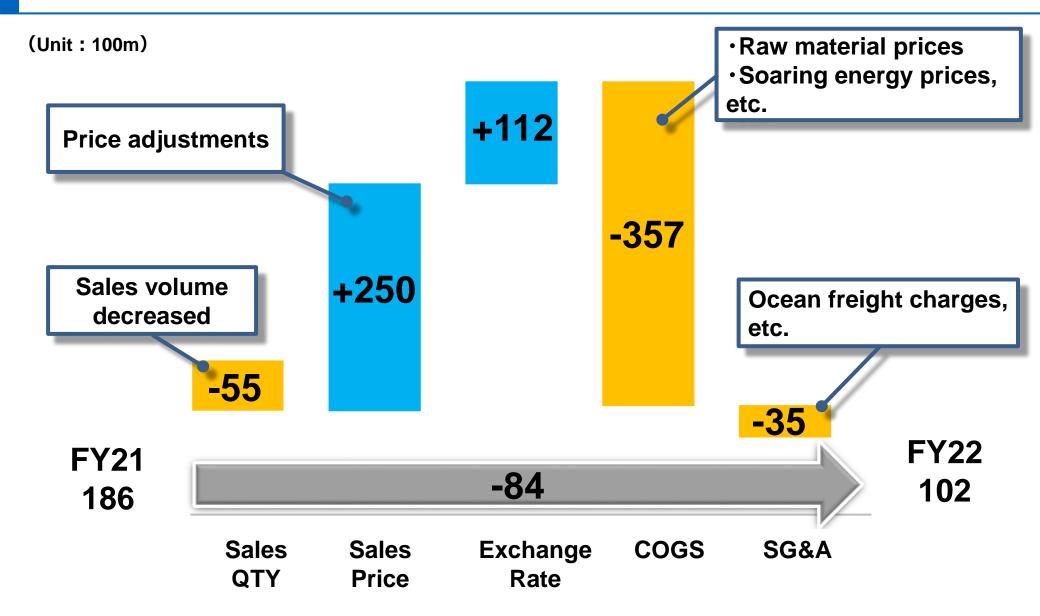
## **Elastomer Business Operating Income Variance (QoQ)**





# **Elastomer Business Operating Income Variance (YoY)**







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#### **Specialty Materials Business Profit and Loss**



(Unit: 100m)	Q4 FY2021	Q3 FY2022	Q4 FY2022	YoY	YoY(%)	QoQ	QoQ(%)
Net Sales	265	249	239	-26	-10 %	-11	-4 %
* Specialty plastics	151	141	135	-16	-10 %	-6	-4 %
Specialty chemicals	101	96	95	-6	-6 %	-1	-1 %
Medical devices, etc.	14	12	9	-5	-35 %	-3	-27 %
Operating Income	60	49	18	-42	-71 %	-31	-64 %
Operating Income ratio	23%	20%	7%				

<sup>\*</sup> Specialty plastics : Optical plastics and optical films

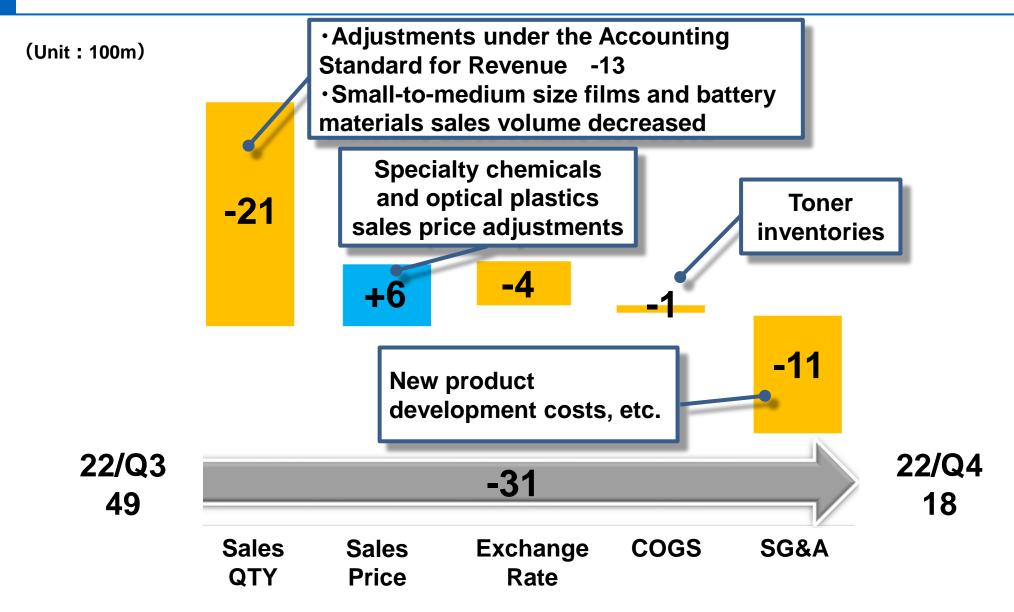
Specialty chemicals: Battery materials, specialty chemicals, electronic materials and polymerized toners

#### ■ Net Sales

- Specialty plastics: Down YoY due to decreased shipments of large size films, and up QoQ owing to shipment volume increased, but turned to down due to adjustments under the Accounting Standard for Revenue.
- Specialty chemicals: Down YoY due to decreased toner sales volume resulting from IuII in telework demand.
   Battery materials sales flat due to consolidation adjustments despite decreased sales volume.
- Operating income down both YoY and QoQ due to decreased battery materials sales volume and increase in energy prices and new development costs.

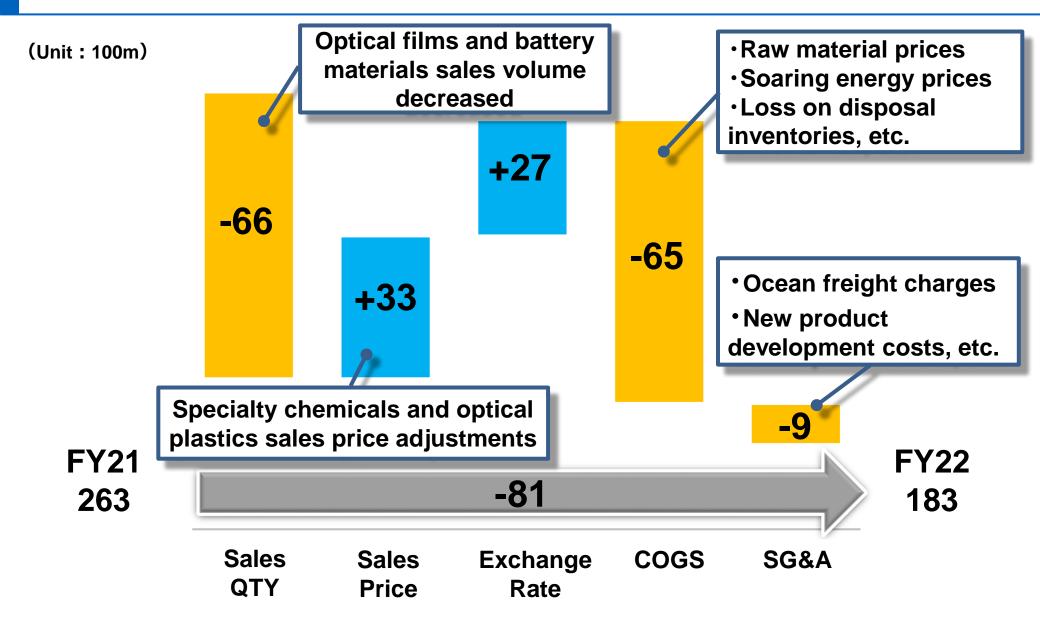
# **Specialty Materials Operating Income Variance (QoQ)**





# **Specialty Materials Operating Income Variance (YoY)**





# Specialty Chemicals Business: Battery Materials Situation (Sales Volume)



	YoY	QoQ	YoY Cumulative total
EV	69%	68%	110%
Consumer use, etc.	38%	35%	63%
Total	63%	61%	99%

#### ■ EV

- Sales volume down both YoY and QoQ due to customer inventory adjustments.
- Recovery in demand following inventory adjustments expected starting in 2Q of FY2023.
- Consumer use, etc.
  - Reactionary decline from ahead-of-schedule shipments for Chinese New Year.
  - Sales volume down YoY and QoQ due to lackluster demand caused by economic recession, especially for mobile devices.



	YoY	QoQ	YoY Cumulative total
Optical use	57%	81%	70%
Medical use, etc.	101%	142%	122%
Total	88%	125%	104%

- Optical use
  - Demand remained sluggish due to economic recession, so shipments were lackluster.
- Medical use, etc.
  - Demand steady, especially in Europe and US.
  - Sales volume up both YoY and QoQ owing in part to reactionary increase from 3Q in-between season.



	YoY	QoQ	YoY Cumulative total
For small-to-medium size	60%	68%	84%
For Large size FPD	83%	160%	69%
Total	79%	135%	72%

- **■** For small-to-medium size
  - Sales volume down both YoY and QoQ with sluggish demand caused by in-between season and economic slowdown.
- For Large size
- Shipments gradually recovered in Q2 after suspension of procurement activities by
   TV manufacturers. Sales volume was down YoY, but up QoQ owing to steady demand.
- Full-scale recovery in demand expected starting in FY2023.



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(Unit: 100m) Total assets 5,229 (+382)

()=vs end of FY2021

[Current assets]

**♦** Cash and deposits

**♦** Accounts receivable

**♦**Inventory assets

+21.7B JPY

-17.2B JPY

+3.8B JPY

+34.4B JPY

Current assets 2,966 (+217)

Fixed assets 2,262 (+165)

[Non-current assets]

◆ Property, plant and equipment

**♦**Investment securities

-4.4B JPY +19.4BJPY

+16.5B JPY

[Current liabilities]

**♦** Trade payables

**♦** Short-term borrowings

**♦** Corporate bonds

+21.9B JPY

+3.8B JPY

+19.0B JPY

-10.0B JPY

Current

1,606

(+219)

Long-term liabilities 230

(-12)

Total net assets 3,393 (+175)

[Net assets]

+17.5B JPY

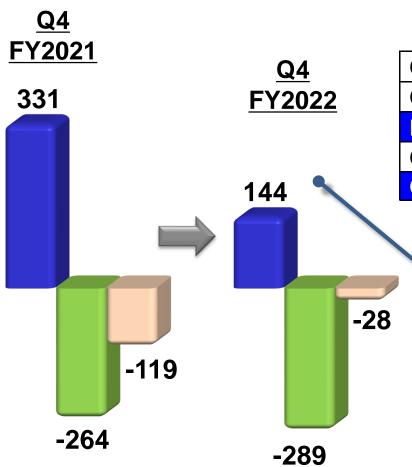
**♦**Equity ratio

64.3% (-1.4)

♦ D/E ratio

0.08 (+0.02)

(Unit: 100m)



**■** CF from Operating Act.

CF from Investing Act.

□ CF from Financing Act.

	FY2021	FY2022
<b>CF from Operating Act.</b>	331	144
<b>CF from Investing Act.</b>	-264	-289
Free CF	67	-145
<b>CF from Financing Act.</b>	-119	-28
CF	-52	-174

- •Income before income taxes +14.5B JPY
- •Tax payment -14.9B JPY
- Depreciation and amortization +20.4B JPY
- •Inventories (for regular repairs) -31.1B JPY



Specialty Plastics Business: Optical Plastics Situation Specialty Plastics Business: Optical Films Situation Balance Sheet Overview Cash Flow Overview
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		FY2023			
Elastomer Business	Sal FC		OP. Income FCST		Comments
	H1	H2	H1 H2		H1 of FY2023 will be par with H2 of FY2022.  Demand will recover from H2 of FY2023.
(Unit: JPY100m)	1,045	1,135	17	48	Net sales -42 OP. income -37 vs. FY 2022
Synthetic rubbers				A. A	Automobile market expected to be on par with FY2022.  OP. income will be down due to increased costs associated with human capital resources, etc.
Latexes					Demand for gloves expected to be on per with FY2022. OP. income will be up owing to business structural reforms.
Chemicals					Demand for adhesive tapes expected to be sluggish until H2. Sales and OP. income of FY2023 will be down compared to FY2022.

<sup>\*</sup>The H1 trend of FY2023 are evaluated against the H2 of FY2022. The H2 trend of FY2023 are evaluated against the H1 of FY2023.

#### FY2023 Business Environment: Specialty Materials Business



		FY2023			
Specialty Materials	Sales FCST		OP. Income FCST		Comments
	H1	H2	H1	H2	Steady demand recovery and sales expansion expected.
(Unit: JPY100m)	545	615	80	100	Net sales +106 OP. income -3 vs. FY 2022
Optical plastics			R. A.		Optical use expected to be recovered from H2. Demand steady for medical use, etc. Shipment adjustments during regular repairs at Mizushima Plant in H1.
Optical films					Market of large size films expected to be on par with FY2021.  OP. income will be down due to increased depreciation expenses for new production lines for large size films.
Battery materials					Expect shipments to increase mainly in the EV market.

<sup>\*</sup>The H1 trend of FY2023 are evaluated against the H2 of FY2022. The H2 trend of FY2023 are evaluated against the H1 of FY2023.

#### **FY2023 Performance Forecast**



(Unit: JPY100m)

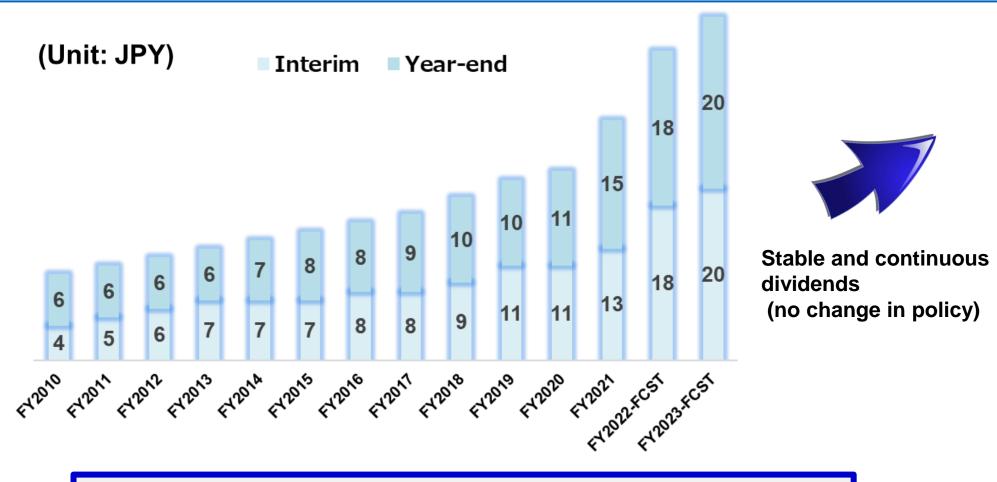
Net Sales	FY2022 Act.	FY2023 H1 FCST	FY2023 H2 FCST	FY2023 FCST	Diff.
Elastomer Business	2,222	1,045	1,135	2,180	-42
Specialty Materials Biz.	1,054	545	615	1,160	106
Others/Eliminations, etc.	610	310	340	650	40
Net Sales (consolidated)	3,886	1,900	2,090	3,990	104

Operating Income	FY2022 Act.	FY2023 H1 FCST	FY2023 H2 FCST	FY2023 FCST	Diff.
Elastomer Business	102	17	48	65	-37
Specialty Materials Biz.	183	80	100	180	-3
Others/Eliminations, etc.	-13	-22	17	-5	8
Net Sales (consolidated)	272	75	165	240	-32

■ FY2023 forecast is net sales 399.0B JPY and operating income 24.0B JPY

<sup>•</sup>US\$=¥130, €=¥140, Naphtha=¥64,000, Asian butadiene=US\$1,000





- Dividend forecast: Interim ¥20/share, at the year-end ¥20/share
- ⇒ total ¥40/share/year (+¥4 YoY)
- 14 consecutive years of increases since FY2010



#### Next Announcement

Financial Results Q1FY2023	July 27 <sup>th</sup> , 2023	
Medium-Term Business Plan	Scheduled for AM of June 7 <sup>th</sup> , 2023	

Subject to change without notice

Zeon's plans, forecasts, and other data appearing in this presentation were calculated based on information which was currently available and therefore includes risks and uncertainties. Actual results may differ depending on various factors.

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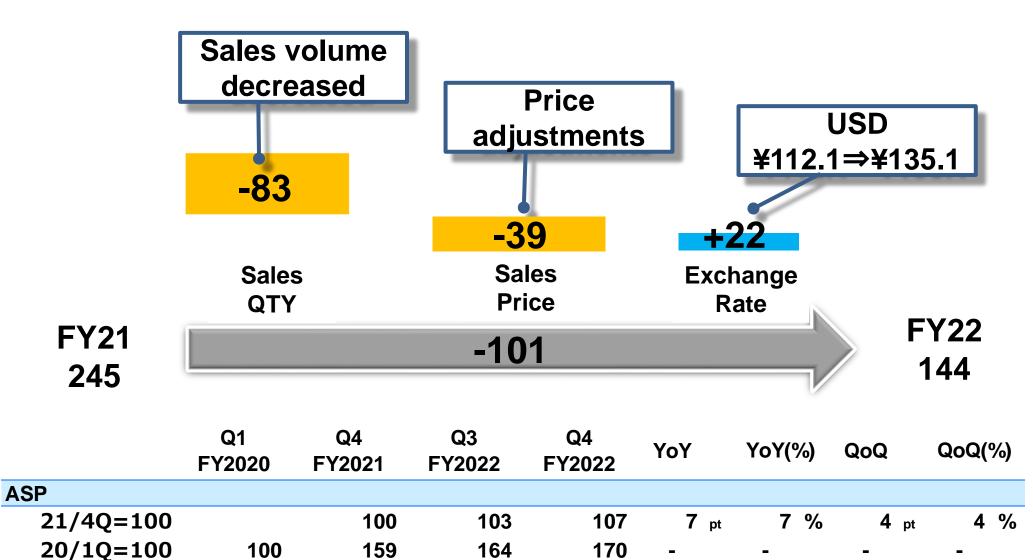
F	<b>FY202</b>	2
(vs. F)	<b>/2022</b>	FCST)

Business	Ship ments	Sales	OP. income	Difference
Elastomers	ı	+17	+2	
Synthetic rubbers				Sales and OP. income up owing to increased sales volume and depreciation of yen.
Chemicals				Sales up owing to increased sales volume and depreciation of yen.  Profits down due to loss on disposal inventories,etc.
Specialty Materials	_	+4	-7	
Optical plastics				Sales and OP. income down due to adjustments under the Accounting Standard for Revenue
Optical films				Increase in sales for large size offset by decrease in sales for small to medium size, but OP. income up with decrease in SG&A from careful selection of experimental production.
Battery materials				Inventory adjustments expanded, but sales up owing to adjustment for consolidation, while OP. income down due to increase in new development costs.

#### **Reference: Latexes Net Sales Variance (YoY Cumulative)**



(Unit: JPY100m)





Q4 FY2022 (vs. Q3 FY2022)

Business	Ship ments	Sales	OP. income	Difference
Synthetic rubbers				Sales volume up QoQ after repairs complete. Sales and OP. income down due to downward revision of selling prices in response to drop in raw material prices and appreciation of the yen.
Latexes			<b>&gt;</b>	Both sales and OP. income down due to excess inventory for latex gloves.
Chemicals				Sales up QoQ, but demand was sluggish due to excess inventory for adhesive tapes.  OP. income down due to downward revision of selling prices in response to drop in raw material prices and appreciation of the yen in addition to loss on disposal inventories, etc.



	Q4 FY2022 (vs. Q3 FY2022)					
Business	Ship ments	Consolidated		Non- consolidated		Difference
		Sales	OP. income	Sales	OP. income	
Optical plastics						Shipments for medical use steady, but both sales and OP. income down due to adjustments under the Accounting Standard for Revenue.
Optical films			•		<b>^</b>	Shipments for large size was recovering, but shipments for small-to-medium size in in-between season.  Both sales and profits down due to decreased small-to-medium size sales volume.
Battery materials						Sales volume decreased due to customer inventory adjustments and reactionary decline from ahead-of-schedule shipments for Chinese New Year. Sales flat owing to consolidation adjustments. OP. income down due to decreased shipments and increase of new development costs.

<sup>\*</sup>Non-consolidated sales and OP. income exclude adjustments under the Accounting Standard for Revenue.



FY2022 (vs. FY2021)

Business	Ship ments	Sales	OP.	Difference
Synthetic rubbers				Sales volume adjustments due to regular repairs at main plants. Both sales and OP. income up with selling price adjustments to address soaring raw material prices and ocean freight, etc.
Latexes		<b>^</b>	<b>^</b>	Both sales and OP. incomes down due to delay in recovery of demand for glove latex.
Chemicals				Sales volume down due to sluggish demand. Sales up with selling price adjustments to address soaring material prices and ocean freight, etc. OP. income down due to soaring raw material and energy prices in addition to decreased shipments.



	FY2022 (vs. FY2021)					
Business	Ship	Consolidated		Non- consolidated		Difference
	ments	Sales	OP.	Sales	OP.	
Optical plastics						Sales up owing to stready shipments for medical use, etc. Profits down due to soaring raw material, energy prices and ocean freight charges.
Optical films				<b>\</b>		Sales down due to decreased shipments for large size and lull in shut-in demand for small-to-medium size. Profits down due to soaring raw material, energy prices and ocean freight charges.
Battery materials						Sales volume flat due to several customer inventory adjustments. Sales up owing to consolidation adjustments. Profits down due to soaring material and energy prices and increase in new development costs.

<sup>\*</sup>Non-consolidated sales and OP. income exclude adjustments under the Accounting Standard for Revenue.



Use	Market Trends for FY2023 (vs. FY2022)	Business environment
Large size TVs		Recovery in production of large LCDs.
Smartphones		Results expected to be on par with previous year.
Tablets		Results expected to be on par with previous year due to lull in shut-in demand.
laptops		Same as above.

<sup>\*</sup>Market Trends for FY2023 are based on our forecasts and sales outlook of our products by use against FY2022.



#### **Positives**

Early recovery in end market demand

Depreciation of the yen

Early completion of inventory adjustments

Depreciation of the yen against the dollar

**Economic recovery** 

Depreciation of the yen against the euro

#### **Negatives**

Delay recovery in end market demand

Appreciation of the yen

Prolong completion of inventory adjustments

Appreciation of the yen against the dollar

**Economic recession** 

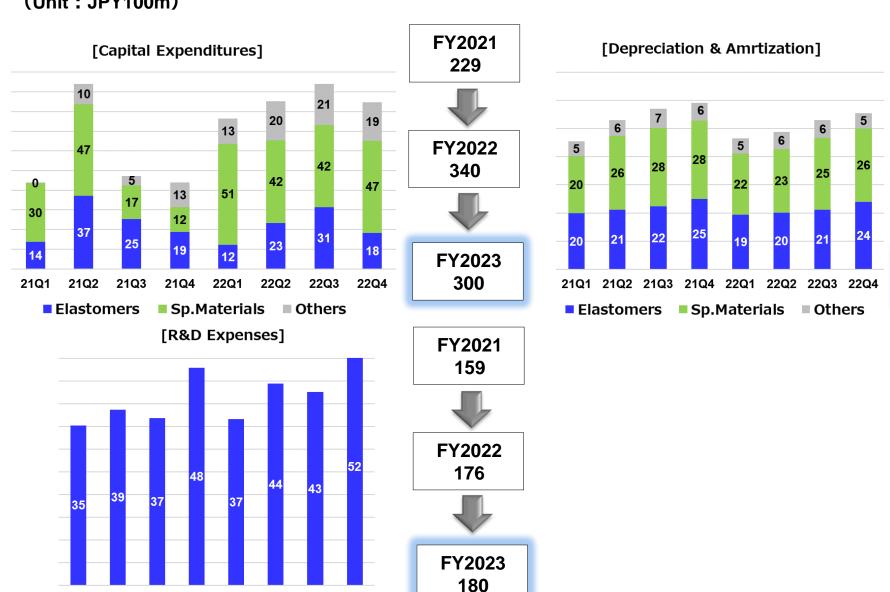
Appreciation of the yen against the euro

#### Reference: Capital Expenditures, Depreciation & Amortization



(Unit: JPY100m)

21Q1 21Q2 21Q3 21Q4 22Q1 22Q2 22Q3 22Q4



**FY2021** 215 **FY2022** 



204

**FY2023** 195