



# **Announcement of Business Results for the 3Q and Nine Months Ended December 31, 2022**

**February 8, 2023  
Toray Industries, Inc.**

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# **I. Consolidated Business Results for the 3Q and Nine Months Ended December 31, 2022**

# Summary of Consolidated Business Results for the 3Q and Nine Months Ended December 31, 2022

Billion yen

	FY Mar/22 3Q (Oct.-Dec.)	FY Mar/23 3Q (Oct.-Dec.)	Changes	FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
Revenue	583.9	<b>640.0</b>	+ 56.1 (+9.6%)	1,646.9	<b>1,901.8</b>	+ 254.9 (+15.5%)
Core Operating Income	35.8	<b>26.0</b>	- 9.8 (-27.3%)	106.0	<b>80.4</b>	- 25.5 (-24.1%)
(Core Operating Margin)	6.1%	<b>4.1%</b>	-2.1 points	6.4%	<b>4.2%</b>	-2.2 points
Special Items	▲ 1.6	▲ <b>1.1</b>	+ 0.5	▲ 2.8	<b>18.2</b>	+ 21.1
Financial Income and Costs	1.0	▲ <b>3.5</b>	- 4.5	1.5	▲ <b>1.9</b>	- 3.4
Share of Profit of Investments Accounted for using Equity Method	4.1	<b>2.7</b>	- 1.5	15.9	<b>12.2</b>	- 3.7
Profit before Tax	39.3	<b>24.0</b>	- 15.3 (-38.8%)	120.5	<b>109.0</b>	- 11.5 (-9.5%)
Profit Attributable to Owners of Parent	28.4	<b>15.4</b>	- 12.9 (-45.6%)	89.3	<b>74.6</b>	- 14.8 (-16.5%)

Exchange Rate		(FY Mar/22 3Q)	(FY Mar/23 3Q)	(FY Mar/22 Nine Months)	(FY Mar/23 Nine Months)
<Yen / US\$>	Average	113.7	<b>141.6</b>	111.1	<b>136.5</b>
	End of the Term	115.0	<b>132.7</b>		
<Yen / Euro>	Average	130.1	<b>144.3</b>	130.6	<b>140.6</b>
	End of the Term	130.5	<b>141.5</b>		

# Special Items

Billion yen

	FY Mar/22 3Q (Oct.-Dec.)	FY Mar/23 3Q (Oct.-Dec.)	Changes	FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
Gain on Sale or Disposal of Fixed Assets	0.3	<b>0.1</b>	-0.2	0.8	<b>0.3</b>	-0.5
Gain on Loss of Control of Subsidiaries* <sup>1</sup>	-	-	-	-	<b>25.1</b>	+25.1
Loss on Sale or Disposal of Fixed Assets	▲ 1.9	▲ <b>1.2</b>	+0.7	▲ 3.3	▲ <b>2.6</b>	+0.7
Impairment Losses	▲ 0.0	▲ <b>0.0</b>	-0.0	▲ 0.3	▲ <b>1.1</b>	-0.8
Provision for Product Warranties* <sup>2</sup>	-	-	-	-	▲ <b>3.5</b>	-3.5
Other	-	-	-	-	<b>0.0</b>	+0.0
<b>Special Items</b>	▲ <b>1.6</b>	▲ <b>1.1</b>	+0.5	▲ <b>2.8</b>	<b>18.2</b>	+21.1

\*<sup>1</sup> Gain on revaluation of investment resulting from establishment of the joint venture LG Toray Hungary Battery Separator Kft. with LG Chem, Ltd. (LG Chem). In this joint venture, LG Chem made an investment in Toray Industries Hungary Kft., which manufactures and sells separator film for rechargeable lithium-ion batteries in Hungary.

\*<sup>2</sup> Costs expected to be required in the future for the replacement or repair of products that may be defective among some products for industrial applications that the Company has manufactured and sold in the past in the Carbon Fiber Composite Materials Business.

# Assets, Liabilities, Equity, and Free Cash Flow

Billion yen

	End of Mar/22	End of Dec/22	Changes
<b>Total Assets</b>	3,043.9	<b>3,264.6</b>	+220.7
<b>Current Assets</b>	1,373.2	<b>1,500.4</b>	+127.1
<b>Property, Plant and Equipment</b>	990.7	<b>996.5</b>	+5.8
<b>Other Non-current Assets</b>	679.9	<b>767.7</b>	+87.8
<b>Total Liabilities</b>	1,544.2	<b>1,649.5</b>	+105.3
<b>Current Liabilities</b>	741.1	<b>826.5</b>	+85.5
<b>Non-current Liabilities</b>	803.2	<b>823.0</b>	+19.8
<b>Equity</b>	1,499.6	<b>1,615.0</b>	+115.4
<b>Owner's Equity *</b>	1,405.6	<b>1,516.5</b>	+110.9
<b>Equity Ratio *</b>	46.2%	<b>46.5%</b>	+0.3 points
<b>Interest-bearing Liabilities</b>	935.7	<b>1,029.2</b>	+93.5
<b>D/E Ratio</b>	0.67	<b>0.68</b>	+0.01

## <Free Cash Flow>

	FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
<b>Cash Flows from Operating Activities</b>	61.5	<b>20.7</b>	-40.7
<b>Cash Flows from Investment Activities</b>	▲ 30.0	▲ <b>69.9</b>	-39.9
<b>Free Cash Flow</b>	31.5	▲ <b>49.2</b>	-80.6

\* Owner's Equity = Equity attributable to owners of parent

# Capital Expenditures, Depreciation and Amortization, and R&D Expenditures

Billion yen

	FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
<b>Capital Expenditures</b>	66.3	<b>68.3</b>	+2.0
Toray	16.3	<b>17.8</b>	+1.5
Consolidated Subsidiaries	50.1	<b>50.6</b>	+0.5
<b>Depreciation and Amortization</b>	92.3	<b>97.7</b>	+5.4
Toray	29.3	<b>26.1</b>	-3.2
Consolidated Subsidiaries	63.0	<b>71.5</b>	+8.5
<b>R&amp;D Expenditures</b>	44.1	<b>49.4</b>	+5.3
Toray	32.5	<b>35.4</b>	+3.0
Consolidated Subsidiaries	11.7	<b>14.0</b>	+2.3

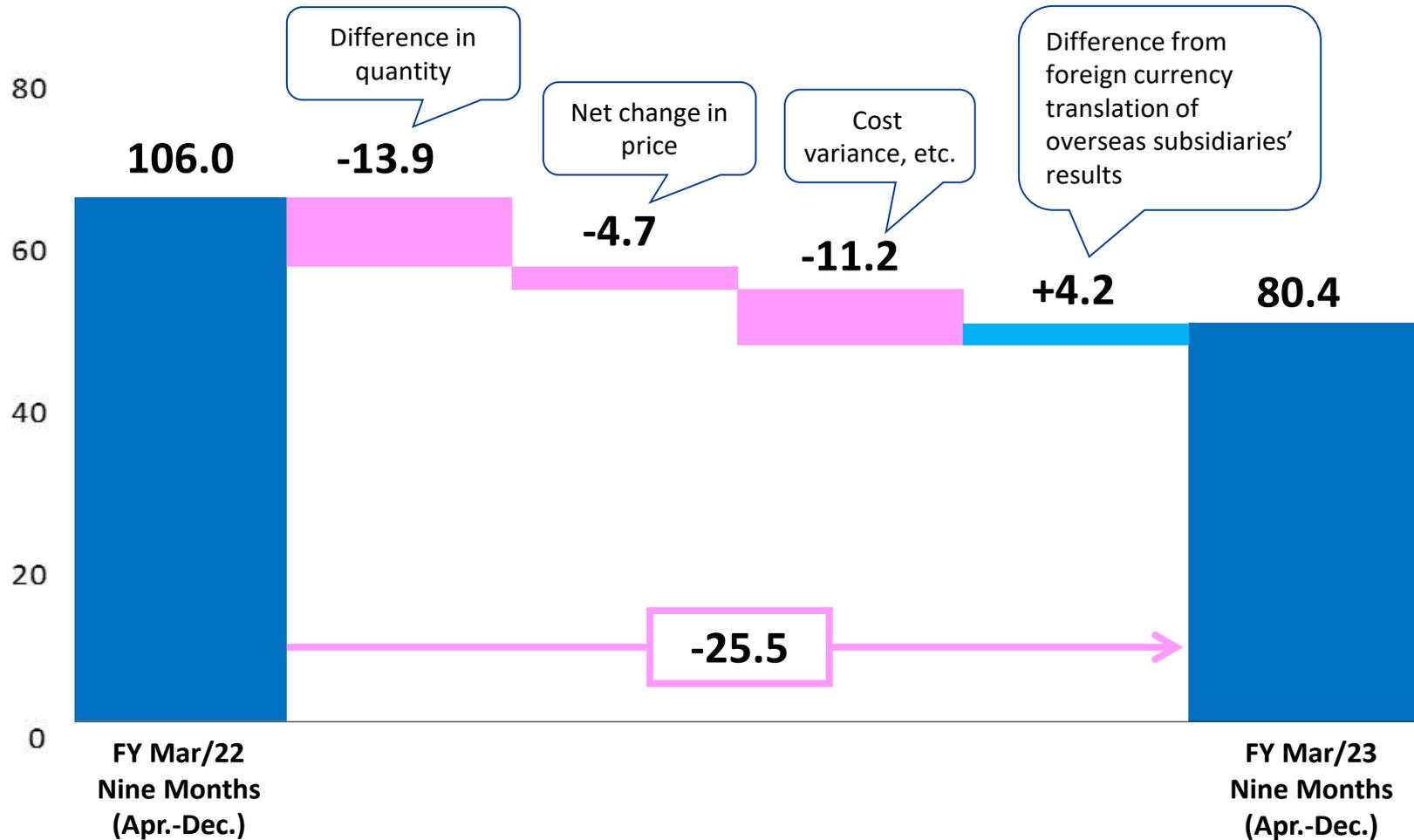
## Major Capital Expenditure Projects

Zoltek Companies, Inc. : Carbon fiber production facilities

# Core Operating Income Variance Factor Analysis

Billion yen

100



# Revenue and Core Operating Income by Segment

Billion yen

		FY Mar/22 3Q (Apr.-Dec.)	FY Mar/23 3Q (Apr.-Dec.)	Changes	FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
Revenue	Fibers & Textiles	230.1	<b>275.7</b>	+45.7 (+19.8%)	631.6	<b>784.8</b>	+153.2 (+24.3%)
	Performance Chemicals	233.6	<b>225.0</b>	-8.6 (-3.7%)	678.1	<b>698.3</b>	+20.2 (+3.0%)
	Carbon Fiber Composite Materials	54.2	<b>71.2</b>	+17.0 (+31.3%)	153.2	<b>211.2</b>	+58.0 (+37.9%)
	Environment & Engineering	48.7	<b>50.1</b>	+1.4 (+2.9%)	134.6	<b>156.2</b>	+21.6 (+16.0%)
	Life Science	13.5	<b>14.3</b>	+0.8 (+6.1%)	38.6	<b>40.2</b>	+1.6 (+4.2%)
	Other	3.8	<b>3.6</b>	-0.1 (-3.9%)	10.8	<b>11.2</b>	+0.4 (+3.3%)
	<b>Total</b>	<b>583.9</b>	<b>640.0</b>	+56.1 (+9.6%)	<b>1,646.9</b>	<b>1,901.8</b>	+254.9 (+15.5%)
Core Operating Income	Fibers & Textiles	11.1	<b>15.7</b>	+4.6 (+41.0%)	35.5	<b>39.6</b>	+4.1 (+11.6%)
	Performance Chemicals	22.4	<b>4.9</b>	-17.5 (-78.1%)	74.6	<b>30.0</b>	-44.6 (-59.8%)
	Carbon Fiber Composite Materials	1.7	<b>6.2</b>	+4.5 (+259.9%)	▲ 1.9	<b>11.8</b>	+13.7 (-)
	Environment & Engineering	4.8	<b>4.6</b>	-0.2 (-4.3%)	10.9	<b>12.9</b>	+2.0 (+18.1%)
	Life Science	0.5	<b>0.2</b>	-0.2 (-49.3%)	1.6	<b>0.6</b>	-1.0 (-63.0%)
	Other	0.8	<b>0.1</b>	-0.7 (-87.6%)	1.5	<b>1.1</b>	-0.4 (-24.8%)
	Reconciliations	▲ 5.5	▲ <b>5.7</b>	-0.3	▲ 16.2	▲ <b>15.5</b>	+0.7
	<b>Total</b>	<b>35.8</b>	<b>26.0</b>	-9.8 (-27.3%)	<b>106.0</b>	<b>80.4</b>	-25.5 (-24.1%)

# Business Results by Segment (Fibers & Textiles)

Billion yen

		FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
Revenue	Toray	130.0	<b>159.3</b>	+29.3 (+22.5%)
	Japanese Subsidiaries	324.6	<b>399.8</b>	+75.2 (+23.2%)
	Overseas Subsidiaries	410.5	<b>529.0</b>	+118.5 (+28.9%)
	Adjustments	▲ 233.5	▲ <b>303.2</b>	-69.8
	Total	631.6	<b>784.8</b>	+153.2 (+24.3%)
Core Operating Income	Toray	8.9	<b>12.8</b>	+3.9 (+44.3%)
	Japanese Subsidiaries	8.3	<b>8.7</b>	+0.4 (+5.3%)
	Overseas Subsidiaries	19.9	<b>18.5</b>	-1.4 (-6.8%)
	Adjustments	▲ 1.6	▲ <b>0.5</b>	+1.1
	Total	35.5	<b>39.6</b>	+4.1 (+11.6%)

## <Business Performance>

### ■ General

Almost all applications and regions were affected by the soaring costs of raw materials and fuels as well as transportation. While hygiene material applications were sluggish from the impact of the worsening supply-demand balance, apparel applications saw a recovery from the pandemic. Industrial applications witnessed a demand recovery trend for automobile applications in some regions.

## <Topics>

### • October 2022:

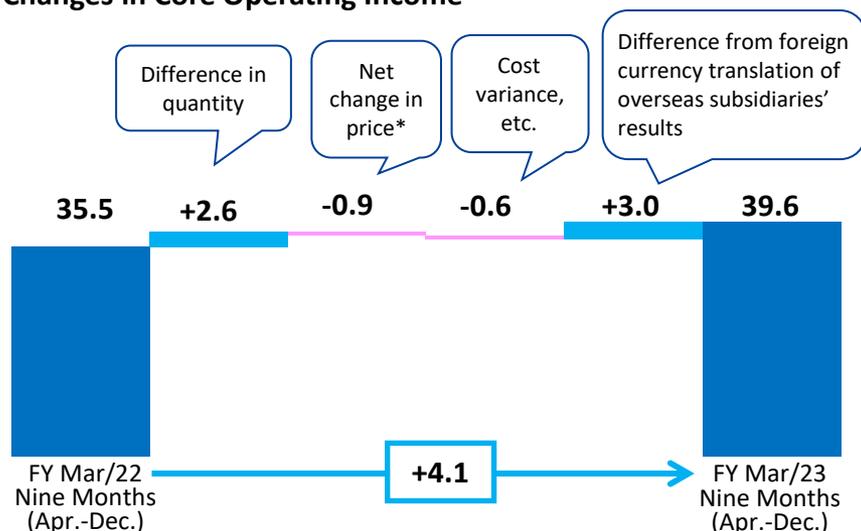
Toray has developed a new variety of Ultrasuede™ nu which partially consists of 100% plant-based polyester, and All Nippon Airways Co., Ltd. (ANA) adopted the newly developed material to the headrest covers in ANA Green Jet, the special aircraft which began service from November 2022 to embody its environment slogan “the ANA Future Promise.”

### • December 2022:

Toray will begin selling nylon 6 chemically recycled fiber (N6CR) yarns, textiles, and other products from March 2023. These offerings will apply Toray’s depolymerization and repolymerization technology to recycled plastics and other materials made from recovered fishing nets. The company looks for N6CR product sales around 800 million yen in FY 2023, and 1.2 billion yen in FY 2025.

## Changes in Core Operating Income

Billion yen



\* Difference in selling price and raw materials' cost and fuel prices of petrochemical-based products, etc. (net)

# Business Results by Segment (Performance Chemicals)

Billion yen

		FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
Revenue	Toray	194.4	<b>195.2</b>	+0.8 (+0.4%)
	Japanese Subsidiaries	368.3	<b>411.5</b>	+43.1 (+11.7%)
	Overseas Subsidiaries	457.2	<b>428.2</b>	-28.9 (-6.3%)
	Adjustments	▲ 341.8	▲ <b>336.6</b>	+5.2
	Total	678.1	<b>698.3</b>	+20.2 (+3.0%)
Core Operating Income	Toray	21.8	<b>10.4</b>	-11.4 (-52.3%)
	Japanese Subsidiaries	16.7	<b>18.0</b>	+1.3 (+7.9%)
	Overseas Subsidiaries	35.9	<b>0.5</b>	-35.3 (-98.5%)
	Adjustments	0.2	<b>1.0</b>	+0.8
	Total	74.6	<b>30.0</b>	-44.6 (-59.8%)

## <Business Performance>

### ■ General

Affected by the soaring raw material and fuel prices.

### ■ Resins Business

Weak given the slow recovery in domestic automobile applications and the decline in demand in China.

### ■ Films Business

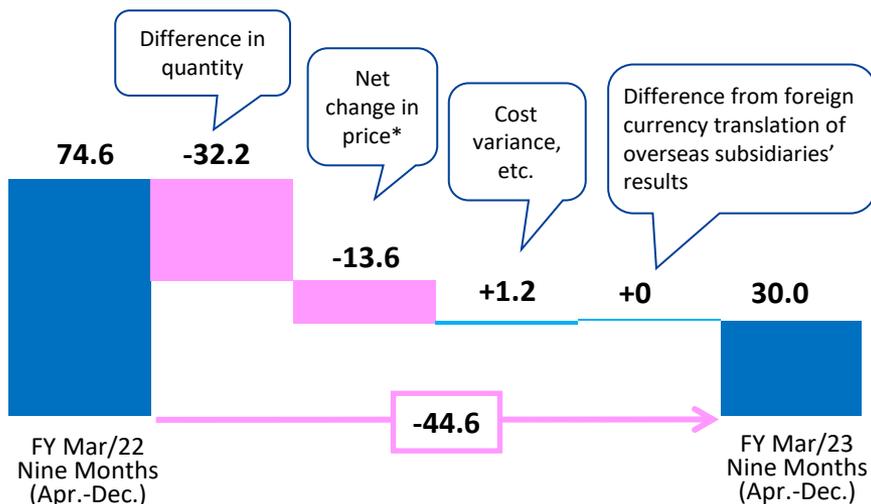
Polyester films were affected by demand slowdown in optical applications and electronic parts.

### ■ Electronic & Information Material Business

Demand for OLED-related materials and circuit materials decreased.

## Changes in Core Operating Income

Billion yen



\* Difference in selling price and raw materials' cost and fuel prices of petrochemical-based products, etc. (net)

## <Topics>

### • October 2022:

Toray has decided to boost production capacity by 60% for Lumirror™ biaxially oriented polyester release films for manufacturing multilayer ceramic capacitors (MLCCs). The company will invest 8 billion yen in this upgrade at the Gifu Plant. The new facilities will start operations in 2025.

### • December 2022:

Toray has developed a polyethylene terephthalate (PET) film offering excellent applicability and adhesion for water-based and solvent-free coatings in printing, mold release and adhesive processing. The company looks to produce the film at a domestic plant within FY 2023 to help popularize environmentally friendly film products for which decarbonization during manufacturing is desirable. These items include release, adhesive, printing, packaging and automotive films.

# Breakdown of Performance Chemicals Segment

Billion yen

	FY Mar/22 Nine Months (Apr.-Dec.)		FY Mar/23 Nine Months (Apr.-Dec.)		
	Revenue	Ratio	Revenue	Ratio	Changes
Resins, Chemicals	319.0	31%	<b>320.0</b>	<b>31%</b>	<b>+0%</b>
Films	250.4	25%	<b>246.1</b>	<b>24%</b>	<b>-2%</b>
Electronic & Information Materials	57.9	6%	<b>42.3</b>	<b>4%</b>	<b>-27%</b>
Trading, Other	392.6	38%	<b>426.4</b>	<b>41%</b>	<b>+9%</b>
Adjustments	▲ 341.8	-	▲ <b>336.6</b>	-	-
<b>Total</b>	<b>678.1</b>		<b>698.3</b>		<b>+3%</b>

# Business Results by Segment (Carbon Fiber Composite Materials)

Billion yen

		FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes	
Revenue	Toray	50.8	<b>65.7</b>	+14.9	(+29.3%)
	Japanese Subsidiaries	39.3	<b>52.3</b>	+13.0	(+33.2%)
	Overseas Subsidiaries	135.6	<b>192.2</b>	+56.6	(+41.7%)
	Adjustments	▲ 72.6	▲ <b>99.0</b>	-26.5	
	Total	153.2	<b>211.2</b>	+58.0	(+37.9%)
Core Operating Income	Toray	0.7	<b>10.4</b>	+9.7	(-)
	Japanese Subsidiaries	0.6	<b>1.1</b>	+0.5	(+74.9%)
	Overseas Subsidiaries	▲ 0.3	<b>4.5</b>	+4.8	(-)
	Adjustments	▲ 2.9	▲ <b>4.1</b>	-1.3	
	Total	▲ 1.9	<b>11.8</b>	+13.7	(-)

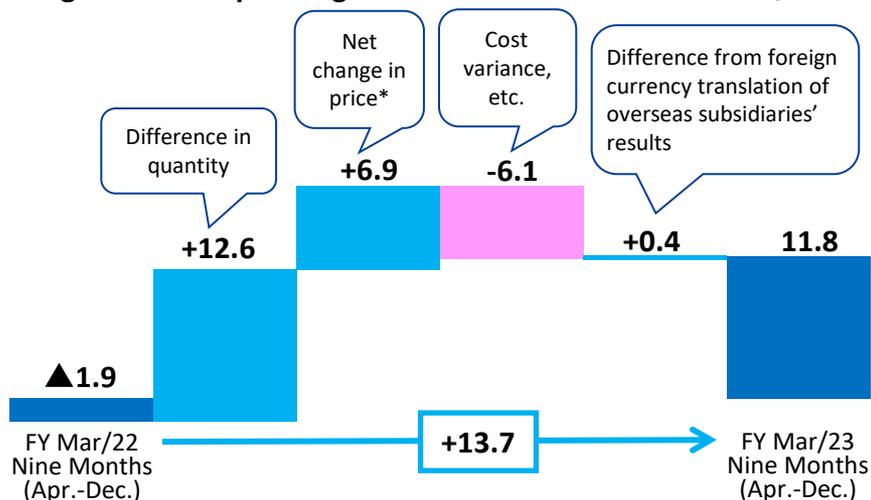
## <Business Performance>

### ■ General

Demand for the aerospace applications showed a recovery trend and the sales of pressure vessels in the industrial applications expanded. In addition, the segment went forward with passing on the rise in raw material and fuel prices to the sales price.

## Changes in Core Operating Income

Billion yen



\* Difference in selling price and raw materials' cost and fuel prices of petrochemical-based products, etc. (net)

# Breakdown of Carbon Fiber Composite Materials Segment

Billion yen

	FY Mar/22 Nine Months (Apr.-Dec.)		FY Mar/23 Nine Months (Apr.-Dec.)		
	Revenue	Ratio	Revenue	Ratio	Changes
<b>Aerospace</b>	31.2	20%	<b>41.5</b>	<b>20%</b>	<b>+33%</b>
<b>Sports</b>	19.5	13%	<b>29.4</b>	<b>14%</b>	<b>+51%</b>
<b>Industrial</b>	102.5	67%	<b>140.3</b>	<b>66%</b>	<b>+37%</b>
<b>Total</b>	153.2		<b>211.2</b>		<b>+38%</b>

# Business Results by Segment (Environment & Engineering)

Billion yen

		FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
Revenue	Toray	24.5	<b>27.0</b>	+2.5 (+10.0%)
	Japanese Subsidiaries	139.5	<b>150.8</b>	+11.3 (+8.1%)
	Overseas Subsidiaries	32.3	<b>46.8</b>	+14.5 (+45.0%)
	Adjustments	▲ 61.7	▲ <b>68.4</b>	-6.7
	<b>Total</b>	<b>134.6</b>	<b>156.2</b>	+21.6 (+16.0%)
Core Operating Income	Toray	1.0	<b>2.1</b>	+1.1 (+113.5%)
	Japanese Subsidiaries	4.8	<b>4.5</b>	-0.3 (-6.5%)
	Overseas Subsidiaries	5.3	<b>6.5</b>	+1.2 (+22.6%)
	Adjustments	▲ 0.2	▲ <b>0.3</b>	-0.0
	<b>Total</b>	<b>10.9</b>	<b>12.9</b>	+2.0 (+18.1%)

## <Business Performance>

### ■ Water Treatment

Demand for reverse osmosis membranes and other products grew strongly and facilities that newly started operations contributed to the performance.

### ■ Japanese Subsidiaries

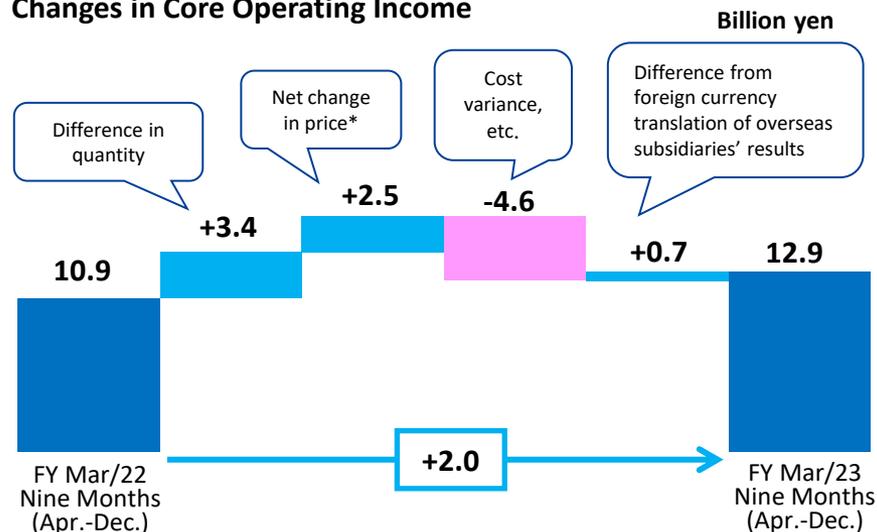
An engineering subsidiary experienced increases in the shipment of lithium-ion secondary battery-related equipment.

## <Topics>

▪ December 2022:

TASMIT Inc. has developed INSPECTRA® CR-III, a semiconductor chip inspection system with the industry's highest level of accuracy. Sales commenced in January 2023. It is the first dedicated semiconductor chip inspection system in the industry, characterized by being approximately five times more accurate than conventional systems that have been used in the past, while having almost the same efficiency as conventional products.

## Changes in Core Operating Income



\*Difference in selling price and price change of products less subject to price effect of petrochemical-based raw materials (net)

# Business Results by Segment (Life Science)

Billion yen

		FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes	
Revenue	Toray	17.3	18.3	+1.0	(+5.9%)
	Japanese Subsidiaries	31.4	31.8	+0.4	(+1.2%)
	Overseas Subsidiaries	9.7	12.7	+3.0	(+31.2%)
	Adjustments	▲ 19.8	▲ 22.6	-2.8	
	<b>Total</b>	<b>38.6</b>	<b>40.2</b>	<b>+1.6</b>	<b>(+4.2%)</b>
Core Operating Income	Toray	▲ 0.8	▲ 1.7	-0.9	(-)
	Japanese Subsidiaries	2.0	1.4	-0.6	(-32.3%)
	Overseas Subsidiaries	0.5	0.7	+0.2	(+49.0%)
	Adjustments	▲ 0.0	0.3	+0.3	
	<b>Total</b>	<b>1.6</b>	<b>0.6</b>	<b>-1.0</b>	<b>(-63.0%)</b>

## <Business Performance>

### ■ Pharmaceutical Business

Sales of pruritus treatment REMITCH®\* were affected by the introduction of its generic versions as well as by a NHI drug price revision.

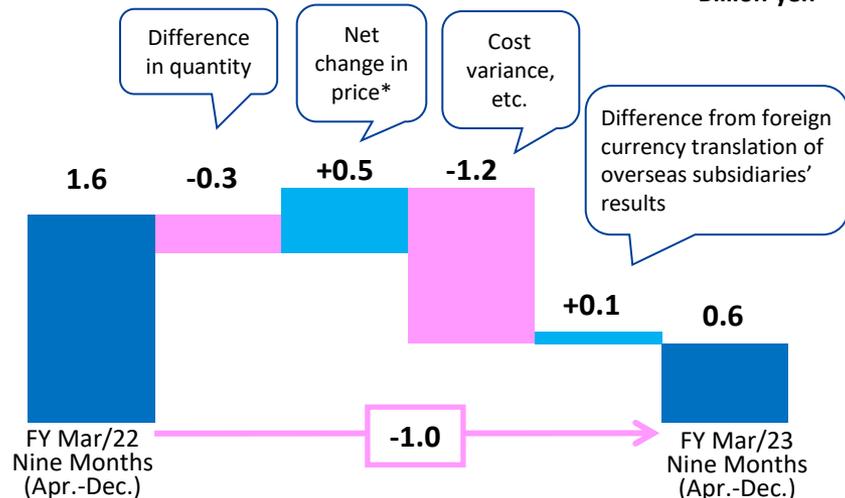
### ■ Medical Devices Business

Shipment of dialyzers for hemodiafiltration grew strongly in Japan, but the business was affected by the soaring prices of raw materials and fuels.

\*REMITCH® is a registered trademark of Torii Pharmaceutical Co., Ltd.

## Changes in Core Operating Income

Billion yen



\* Difference in selling price and price change of products less subject to price effect of petrochemical-based raw materials (net)

# Results of Major Subsidiaries and Regions

Billion yen

	Revenue			Core Operating Income		
	FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes	FY Mar/22 Nine Months (Apr.-Dec.)	FY Mar/23 Nine Months (Apr.-Dec.)	Changes
Toray International, Inc.	433.3	<b>504.3</b>	+71.0	9.4	<b>10.9</b>	+1.5
Toray Engineering Co., Ltd.	62.7	<b>80.3</b>	+17.6	2.2	<b>3.3</b>	+1.1
Toray Construction Co., Ltd.	28.2	<b>21.5</b>	-6.7	0.5	<b>▲ 0.7</b>	-1.2
Toray Advanced Film Co., Ltd.	29.0	<b>30.7</b>	+1.8	2.9	<b>2.3</b>	-0.7

Subsidiaries in Southeast Asia	Fibers & Textiles	94.7	<b>129.8</b>	+35.1	1.2	<b>1.9</b>	+0.8
	Performance Chemicals	95.0	<b>81.2</b>	-13.7	16.7	<b>▲ 2.3</b>	-19.1
	Other	0.4	<b>0.6</b>	+0.1	0.0	<b>0.1</b>	+0.0
	<b>Total</b>	190.2	<b>211.6</b>	+21.5	17.9	<b>▲ 0.3</b>	-18.3

Subsidiaries in China	Fibers & Textiles	187.5	<b>235.7</b>	+48.2	14.3	<b>16.7</b>	+2.4
	Performance Chemicals	93.0	<b>85.6</b>	-7.4	5.7	<b>7.2</b>	+1.5
	Other	32.1	<b>40.8</b>	+8.7	3.0	<b>3.7</b>	+0.8
	<b>Total</b>	312.6	<b>362.1</b>	+49.5	22.9	<b>27.6</b>	+4.7

Subsidiaries in the Republic of Korea	Fibers & Textiles	74.1	<b>81.5</b>	+7.4	3.6	<b>▲ 1.7</b>	-5.3
	Performance Chemicals	117.0	<b>101.3</b>	-15.7	13.4	<b>▲ 2.3</b>	-15.7
	Other	25.8	<b>30.6</b>	+4.8	3.2	<b>5.1</b>	+1.9
	<b>Total</b>	216.9	<b>213.4</b>	-3.5	20.1	<b>1.1</b>	-19.1

## **II. Business Forecast for the Fiscal Year Ending March 2023 (Consolidated Basis)**

# Forecast Summary for the Fiscal Year Ending March 2023

## Assumptions for the business forecast

The strong sense of stagnation in the global economy is expected to continue, from increased inflationary pressure caused by persistently high raw material and fuel prices and labor shortages, as well as interest rate hikes mainly in the U.S. and Europe. While China changed direction to lift its zero-COVID policy, the process for normalization of economic conditions is likely to be gradual given the slowdown in the global economy and the sluggish real estate market. Other concerns include the prolonged Ukrainian situation and turmoil in the financial markets.

Billion yen

		FY Mar/22 Actual	FY Mar/23 Forecast	Changes		Previous Forecast	Difference from Nov.8 Forecast
Revenue	1st Half	1,063.0	<b>1,261.8</b>	+198.8	(+18.7%)	1,261.8	—
	2nd Half	1,165.5	<b>1,248.2</b>	+82.7	(+7.1%)	1,338.2	-90.0
	<b>Total</b>	<b>2,228.5</b>	<b>2,510.0</b>	<b>+281.5</b>	<b>(+12.6%)</b>	2,600.0	-90.0
Core Operating Income	1st Half	70.2	<b>54.4</b>	-15.8	(-22.5%)	54.4	—
	2nd Half	61.9	<b>45.6</b>	-16.3	(-26.4%)	75.6	-30.0
	<b>Total</b>	<b>132.1</b>	<b>100.0</b>	<b>-32.1</b>	<b>(-24.3%)</b>	130.0	-30.0
Profit Attributable to Owners of Parent	1st Half	60.9	<b>59.1</b>	-1.8	(-3.0%)	59.1	—
	2nd Half	23.3	<b>12.9</b>	-10.4	(-44.7%)	35.9	-23.0
	<b>Total</b>	<b>84.2</b>	<b>72.0</b>	<b>-12.2</b>	<b>(-14.5%)</b>	95.0	-23.0

Basic Earnings per Share	1st Half	38.06 yen	<b>36.92 yen</b>
	2nd Half	14.56 yen	<b>8.05 yen</b>
	<b>Total</b>	<b>52.63 yen</b>	<b>44.97 yen</b>
Dividend per Share	1st Half	8.00 yen	<b>9.00 yen</b>
	2nd Half	8.00 yen	<b>9.00 yen</b>
	<b>Total</b>	<b>16.00 yen</b>	<b>18.00 yen</b>
Dividend Payout Ratio	<b>Total</b>	<b>30%</b>	<b>40%</b>

Assumed exchange rate  
(from January)  
**135 yen / US\$**

# Forecast by Segment

Billion yen

		FY Mar/22 Actual			FY Mar/23 Forecast			Changes			Difference from Nov. 8 Forecast
		1st Half	2nd Half	Total	1st Half	2nd Half	Total	1st Half	2nd Half	Total	Total
Revenue	Fibers & Textiles	401.5	434.7	836.2	<b>509.0</b>	<b>488.0</b>	<b>997.0</b>	+107.5	+53.3	+160.8	-20.0
	Performance Chemicals	444.5	465.5	910.0	<b>473.3</b>	<b>452.7</b>	<b>926.0</b>	+28.8	-12.8	+16.0	-69.0
	Carbon Fiber Composite Materials	98.9	116.3	215.2	<b>140.0</b>	<b>142.0</b>	<b>282.0</b>	+41.0	+25.7	+66.8	—
	Environment & Engineering	85.9	113.4	199.3	<b>106.1</b>	<b>127.9</b>	<b>234.0</b>	+20.2	+14.6	+34.7	-1.0
	Life Science	25.1	26.9	52.0	<b>25.9</b>	<b>29.1</b>	<b>55.0</b>	+0.8	+2.3	+3.0	—
	Others	7.0	8.9	15.9	<b>7.5</b>	<b>8.5</b>	<b>16.0</b>	+0.5	-0.4	+0.1	—
	Consolidated	1,063.0	1,165.5	2,228.5	<b>1,261.8</b>	<b>1,248.2</b>	<b>2,510.0</b>	+198.8	+82.7	+281.5	-90.0
Core Operating Income	Fibers & Textiles	24.3	17.9	42.2	<b>23.9</b>	<b>27.6</b>	<b>51.5</b>	-0.4	+9.8	+9.3	-2.5
	Performance Chemicals	52.2	38.7	91.0	<b>25.1</b>	<b>9.9</b>	<b>35.0</b>	-27.2	-28.8	-56.0	-30.0
	Carbon Fiber Composite Materials	▲ 3.6	5.2	1.6	<b>5.6</b>	<b>9.4</b>	<b>15.0</b>	+9.2	+4.2	+13.4	+1.0
	Environment & Engineering	6.1	10.5	16.5	<b>8.3</b>	<b>13.7</b>	<b>22.0</b>	+2.2	+3.3	+5.5	-0.5
	Life Science	1.1	0.3	1.4	<b>0.3</b>	<b>0.2</b>	<b>0.5</b>	-0.8	-0.1	-0.9	—
	Others	0.7	2.3	3.0	<b>1.0</b>	<b>1.0</b>	<b>2.0</b>	+0.3	-1.3	-1.0	—
	Reconciliations	▲ 10.7	▲ 12.9	▲ 23.6	▲ <b>9.8</b>	▲ <b>16.2</b>	▲ <b>26.0</b>	+0.9	-3.3	-2.4	+2.0
	Consolidated	70.2	61.9	132.1	<b>54.4</b>	<b>45.6</b>	<b>100.0</b>	-15.8	-16.3	-32.1	-30.0

# Comparison of Core Operating Income (Nov. 8 vs. New) by Segment

Segments	Full-year Core Operating Income Forecast (Billion yen) Nov. 8 → New ( ) difference	Variance Factors
Fibers & Textiles	54.0 → 51.5 (-2.5)	<ul style="list-style-type: none"> <li>• Expect deterioration of market conditions in the apparel applications, especially in raw yarns and cottons, due to the economic slowdown in the U.S. and Europe as well as the spread of COVID-19 in China.</li> <li>• Industrial application forecasts that the sluggish demand will continue, although in the previous forecast, further recovery of automobile production was expected as the effect of semiconductor shortage was mitigated.</li> </ul>
Performance Chemicals	65.0 → 35.0 (-30.0)	<ul style="list-style-type: none"> <li>• In the resins business, expect the delay in recovery of sales volume and spread of ABS resins due to the slow demand in China.</li> <li>• In the films business, expect further decline in demand to continue for PET films for optical and electronic parts applications.</li> <li>• In the electronic &amp; information business, expect major delays in demand recovery of smartphones and TVs which was anticipated in 4Q.</li> </ul>
Carbon Fiber Composite Materials	14.0 → 15.0 (+ 1.0)	<ul style="list-style-type: none"> <li>• In the aerospace application, the production rate of commercial airplanes is on a recovery trend.</li> <li>• Expect slow demand in the sports application, mainly in general purpose products, and inventory adjustment of customers.</li> </ul>
Environment & Engineering	22.5 → 22.0 (-0.5)	<ul style="list-style-type: none"> <li>• In the water treatment business, expect decrease of shipments in some regions due to the economic recession in Europe and disruption in the market caused by the change of zero-COVID policy in China.</li> <li>• In the air filter business, expect inventory adjustment of customers to continue for air purifier applications, stemming from the end of the special demand caused by COVID-19.</li> </ul>
Life Science	0.5 → 0.5 (±0)	<ul style="list-style-type: none"> <li>• Expect to be in line with the previous forecast.</li> </ul>
Other	2.0 → 2.0 (±0)	
Reconciliations	▲28.0 → ▲26.0 (+2.0)	
<b>Total</b>	<b>130.0 → 100.0</b> <b>(- 30.0)</b>	

# III. Reference

# Quarterly Revenue by Segment

Billion yen

	FY Mar/22					FY Mar/23		
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
<b>Fibers &amp; Textiles</b>	184.2	217.4	230.1	204.6	836.2	<b>225.8</b>	<b>283.2</b>	<b>275.7</b>
<b>Performance Chemicals</b>	222.6	221.9	233.6	231.9	910.0	<b>245.0</b>	<b>228.3</b>	<b>225.0</b>
<b>Carbon Fiber Composite Materials</b>	48.5	50.4	54.2	62.0	215.2	<b>68.6</b>	<b>71.4</b>	<b>71.2</b>
<b>Environment &amp; Engineering</b>	43.7	42.2	48.7	64.7	199.3	<b>50.7</b>	<b>55.3</b>	<b>50.1</b>
<b>Life Science</b>	11.5	13.6	13.5	13.4	52.0	<b>12.3</b>	<b>13.6</b>	<b>14.3</b>
<b>Other</b>	3.2	3.8	3.8	5.1	15.9	<b>3.4</b>	<b>4.1</b>	<b>3.6</b>
<b>Consolidated</b>	513.7	549.3	583.9	581.7	2,228.5	<b>605.9</b>	<b>655.9</b>	<b>640.0</b>

# Quarterly Core Operating Income by Segment

Billion yen

	FY Mar/22					FY Mar/23		
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
Fibers & Textiles	11.8	12.6	11.1	6.7	42.2	8.7	15.2	15.7
Performance Chemicals	27.9	24.3	22.4	16.3	91.0	16.9	8.2	4.9
Carbon Fiber Composite Materials	▲ 2.1	▲ 1.6	1.7	3.5	1.6	2.4	3.2	6.2
Environment & Engineering	3.4	2.7	4.8	5.7	16.5	35	4.8	4.6
Life Science	0.2	0.9	0.5	▲ 0.2	1.4	0.1	0.3	0.2
Others	0.2	0.5	0.8	1.5	3.0	0.4	0.7	0.1
Reconciliations	▲ 5.3	▲ 5.4	▲ 5.5	▲ 7.4	▲ 23.6	▲ 4.8	▲ 5.0	▲ 5.7
Consolidated	36.1	34.1	35.8	26.1	132.1	27.1	27.3	26.0

# Quarterly Revenue of Performance Chemicals by Sub-segments

Billion yen

	FY Mar/22					FY Mar/23		
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
Resins, Chemicals	104.5	104.4	110.1	106.9	425.9	<b>108.7</b>	<b>103.6</b>	<b>107.7</b>
Films	83.2	83.1	84.1	84.7	335.0	<b>88.6</b>	<b>81.6</b>	<b>76.0</b>
Electronic & Information Materials	19.3	19.2	19.4	16.2	74.1	<b>15.8</b>	<b>13.1</b>	<b>13.4</b>
Trading, Other	128.6	124.7	139.3	137.8	530.3	<b>150.3</b>	<b>140.4</b>	<b>135.7</b>
Adjustments	▲ 113.1	▲ 109.5	▲ 119.2	▲ 113.6	▲ 455.4	▲ <b>118.4</b>	▲ <b>110.5</b>	▲ <b>107.7</b>
<b>Total</b>	222.6	221.9	233.6	231.9	910.0	<b>245.0</b>	<b>228.3</b>	<b>225.0</b>

# Quarterly Revenue of Carbon Fiber Composite Materials by Sub-segments

Billion yen

	FY Mar/22					FY Mar/23		
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
<b>Aerospace</b>	9.5	10.6	11.0	11.6	42.7	<b>12.4</b>	<b>13.3</b>	<b>15.8</b>
<b>Sports</b>	6.1	6.2	7.3	8.3	27.9	<b>9.5</b>	<b>10.2</b>	<b>9.7</b>
<b>Industrial</b>	32.9	33.6	35.9	42.1	144.7	<b>46.8</b>	<b>47.8</b>	<b>45.7</b>
<b>Total</b>	48.5	50.4	54.2	62.0	215.2	<b>68.6</b>	<b>71.4</b>	<b>71.2</b>

# Quarterly Revenue of Major Subsidiaries and Regions

Billion yen

	FY Mar/22					FY Mar/23		
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
<b>Toray International, Inc.</b>	129.2	144.1	160.0	137.0	570.3	<b>150.6</b>	<b>175.9</b>	<b>177.8</b>
<b>Toray Engineering Co., Ltd.</b>	22.3	18.7	21.7	33.9	96.6	<b>23.8</b>	<b>29.3</b>	<b>27.2</b>
<b>Toray Construction Co., Ltd.</b>	7.3	9.4	11.5	14.0	42.3	<b>7.4</b>	<b>7.3</b>	<b>6.9</b>
<b>Toray Advanced Film Co., Ltd.</b>	9.3	9.5	10.1	9.6	38.6	<b>10.4</b>	<b>10.1</b>	<b>10.3</b>

<b>Subsidiaries in Southeast Asia</b>	<b>Fibers &amp; Textiles</b>	29.9	31.6	33.2	36.4	131.2	<b>40.4</b>	<b>46.4</b>	<b>43.0</b>
	<b>Performance Chemicals</b>	32.2	31.2	31.6	31.2	126.1	<b>29.1</b>	<b>25.3</b>	<b>26.8</b>
	<b>Other</b>	0.2	0.1	0.1	0.1	0.6	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
	<b>Total</b>	62.3	62.9	64.9	67.7	257.9	<b>69.6</b>	<b>71.9</b>	<b>70.1</b>
<b>Subsidiaries in China</b>	<b>Fibers &amp; Textiles</b>	55.6	68.9	63.0	46.6	234.1	<b>64.1</b>	<b>91.3</b>	<b>80.3</b>
	<b>Performance Chemicals</b>	29.4	30.4	33.2	27.6	120.6	<b>30.2</b>	<b>26.7</b>	<b>28.7</b>
	<b>Other</b>	9.9	9.5	12.6	9.9	42.0	<b>13.4</b>	<b>13.9</b>	<b>13.5</b>
	<b>Total</b>	94.9	108.8	108.8	84.2	396.7	<b>107.7</b>	<b>132.0</b>	<b>122.5</b>
<b>Subsidiaries in the Republic of Korea</b>	<b>Fibers &amp; Textiles</b>	23.1	23.6	27.4	25.9	100.0	<b>27.8</b>	<b>27.7</b>	<b>26.1</b>
	<b>Performance Chemicals</b>	39.5	37.9	39.6	38.6	155.6	<b>38.1</b>	<b>32.1</b>	<b>31.1</b>
	<b>Other</b>	8.0	7.7	10.1	8.9	34.7	<b>10.4</b>	<b>10.6</b>	<b>9.6</b>
	<b>Total</b>	70.6	69.2	77.1	73.4	290.3	<b>76.2</b>	<b>70.4</b>	<b>66.8</b>

# Quarterly Core Operating Income of Major Subsidiaries and Regions

Billion yen

	FY Mar/22					FY Mar/23		
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
Toray International, Inc.	2.7	3.3	3.5	2.8	12.2	2.9	3.9	4.0
Toray Engineering Co., Ltd.	1.1	0.0	1.2	2.5	4.7	0.8	1.3	1.3
Toray Construction Co., Ltd.	▲0.1	0.3	0.3	0.8	1.4	▲0.3	▲0.2	▲0.2
Toray Advanced Film Co., Ltd.	1.0	0.8	1.1	0.9	3.8	1.1	0.6	0.6

Subsidiaries in Southeast Asia	Fibers & Textiles	0.3	0.8	0.1	0.3	1.5	0.4	1.4	0.2
	Performance Chemicals	7.3	5.3	4.1	2.5	19.2	0.7	▲2.1	▲1.0
	Other	0.0	0.0	0.0	▲0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	7.6	6.1	4.2	2.8	20.7	1.1	▲0.7	▲0.8
Subsidiaries in China	Fibers & Textiles	4.8	5.7	3.8	2.3	16.6	4.4	6.6	5.7
	Performance Chemicals	1.6	1.8	2.3	2.4	8.0	2.4	2.5	2.2
	Other	0.8	0.9	1.2	0.5	3.4	1.5	1.2	1.0
	<b>Total</b>	7.2	8.5	7.2	5.1	28.1	8.4	10.3	9.0
Subsidiaries in the Republic of Korea	Fibers & Textiles	1.6	0.9	1.0	▲0.5	3.1	▲0.6	▲0.4	▲0.8
	Performance Chemicals	5.4	4.7	3.3	1.2	14.6	1.4	▲1.3	▲2.5
	Other	0.9	1.0	1.3	1.0	4.2	1.7	1.9	1.5
	<b>Total</b>	7.9	6.6	5.6	1.8	21.9	2.6	0.2	▲1.8

# External Evaluations from the Perspectives of ESG

## ■ CDP

December 2022



Water Security : A  
Climate Change : A-

## ■ MSCI

September 2022



## ■ S&P Global Sustainability Yearbook Member

February 2023



## ■ Selected as a component of major overseas indexes

Member of

**Dow Jones Sustainability Indices**

Powered by the S&P Global CSA

December 2022

“Dow Jones Sustainability Index(DJSI), Asia Pacific”

**2022** MSCI ESG Leaders Indexes Constituent

September 2022

“MSCI ESG Leaders Indexes”



FTSE4Good

June 2022

“FTSE4Good Index Series”

## ■ Selected for indices used by GPIF



FTSE Blossom Japan



FTSE Blossom Japan Sector Relative Index



**2022** CONSTITUENT MSCI JAPAN ESG SELECT LEADERS INDEX

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