

Announcement of Business Results for the Fiscal Year Ended March 2024 and Business Forecast for the Fiscal Year Ending March 2025

May 13, 2024 Toray Industries, Inc.

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'TORAY'

Summary of Business Performance and Forecast

					Billi	on yen
Consolidated Business Results	FY Mar/2	4 Actual		FY Mar/25 Forecast		
	Core Operating Income			Core Operating Income	Chang	es*
Fibers & Textiles	54.7	+3.5		65.0	+10.3	
Performance Chemicals	36.7	+6.3		59.5	+22.8	
Carbon Fiber Composite Materials	13.2	-2.7	-	21.0	+7.8	
Environment & Engineering	23.2	+3.5		23.5	+0.3	
Life Science	▲ 1.3	-1.5	$\mathbf{+}$	0.0	+1.3	
Others	3.3	+0.8	—	2.0	-1.3	
Reconciliation	▲ 27.2	-3.2	_	▲ 36.0	-8.8	_
Total	102.6	+6.6		135.0	+32.4	

Shareholders Return

1

For the annual dividend per share for the fiscal year ending March 2025, the Company anticipates to pay 18 yen per share.



The Company has decided a policy on share buybacks. To accelerate capital efficiency improvement, the Company set a new reduction target of cross-shareholdings: 50% (about 100 billion yen) reduction in 3 years from FY 2024 - 2026. All the proceeds from sales of cross-shareholdings will be used for share buybacks.



* Difference from the previous fiscal year

Business Results for the Fiscal Year Ended March 2024

Summary of Consolidated Business Results for the Fiscal Year Ended March 2024

Billion yen

	FY Mar/23	FY Mar/24	Changes
Revenue	2,489.3	2,464.6	-24.7 (-1.0%)
Core Operating Income	96.0	102.6	+6.6 (+6.9%)
Core Operating Margin	3.9%	4.2%	+0.3 points
Special Items	13.0	▲ 45.0	-57.9
Financial Income and Costs	▲ 4.5	▲ 6.9	-2.4
Share of Profit of Investments Accounted for using Equity Method	7.4	8.9	+1.5
Profit before Tax	111.9	59.6	-52.3 (-46.8%)
Profit Attributable to Owners of Parent	72.8	21.9	-50.9 (-69.9%)

Earning per share	45.49 yen	13.67 yen
Dividend per share	18.00 yen	18.00 yen
ROIC*	2.7%	2.8%
ROE	5.0%	1.3%

* ROIC = Core Operating Income after Tax / Average Invested Capital

<Exchange Rate>

		FY Mar/23	FY Mar/24
<yen us\$=""></yen>	Average	135.5	144.6
	End of the Term	133.5	151.4
<yen euro=""></yen>	Average	141.0	156.8
	End of the Term	145.7	163.2

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Billion yen

	FY Mar/23	FY Mar/24	Changes
Gain on Sale or Disposal of Fixed Assets	2.6	1.3	-1.3
Gain on Loss of Control of Subsidiaries*1	25.1	-	-25.1
Loss on Sale or Disposal of Fixed Assets	▲ 5.2	▲ 7.7	-2.4
Impairment Losses* ²	▲ 6.0	▲ 36.8	-30.7
Provision for Product Warranties* ³	▲ 3.5	▲ 1.8	+1.6
Other	0.0	-	-0.0
Special Items	13.0	▲ 45.0	-57.9

^{*1} 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.

^{*2} Impairment losses in the carbon fiber composite materials business related to the sluggish demand for wind turbine blade applications and the battery separator films business related to facilities whose competitiveness has decreased.

^{*3} Costs required 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/23	End of Mar/24	Changes
Total Assets		3,194.0	3,466.5	+272.5
	Current Assets	1,429.3	1,522.6	+93.4
	Property, Plant and Equipment	1,007.8	1,081.1	+73.3
	Other Non-current Assets	756.9	862.8	+105.8
Total Liabilities		1,558.2	1,620.2	+61.9
	Current Liabilities	826.2	865.7	+39.5
	Non-current Liabilities	732.0	754.4	+22.4
Equity		1,635.8	1,846.4	+210.6
Owner's Equity	*	1,535.0	1,736.0	+201.0
Equity Ratio *		48.1%	50.1%	+2.0 points
Interest-bearing Liabilities		950.1	949.7	-0.4
D/E Ratio		0.62	0.55	-0.07

*Owner's equity=average equity attributable to owners of parent

<Free Cash Flow>

	FY Mar/23	FY Mar/24	Changes
Cash Flows from Operating Activities	145.2	185.7	+40.5
Cash Flows from Investment Activities	▲ 102.7	▲ 121.0	-18.3
Free Cash Flow	42.5	64.7	+22.2

TORAY

Revenue and Core Operating Income by Segment and Factor Analysis of Core Operating Income

				- Billion y	
		FY Mar/23	FY Mar/24	Chai	nges
	Fibers & Textiles	999.2	974.8	-24.4	(-2.4%)
	Performance Chemicals	909.4	886.1	-23.3	(-2.6%)
_	Carbon Fiber Composite Materials	281.7	290.5	+8.8	(+3.1%)
Revenue	Environment & Engineering	228.8	244.1	+15.3	(+6.7%)
	Life Science	53.8	52.2	-1.5	(-2.8%)
	Other	16.4	16.9	+0.5	(+3.1%)
	Total	2,489.3	2,464.6	-24.7	(-1.0%)
	Fibers & Textiles	51.2	54.7	+3.5	(+6.8%)
-	Performance Chemicals	30.4	36.7	+6.3	(+20.8%)
Core	Carbon Fiber Composite Materials	15.9	13.2	-2.7	(-17.2%)
Operating	Environment & Engineering	19.7	23.2	+3.5	(+17.7%)
Income	Life Science	0.2	▲ 1.3	-1.5	(-)
	Other	2.5	3.3	+0.8	(+31.5%)
	Reconciliations	▲ 23.9	▲ 27.2	-3.2	
	Total	96.0	102.6	+6.6	(+6.9%)
	Core Operating Margin	3.9%	4.2%	+0.3 p	oints

Billion yen

<Consolidated Business Result: Fiscal Year Ended March 2024>

In the Performance Chemicals and Carbon Fiber Composite Materials segments, utilization rate has improved, capturing steady recovery of demand in the automobile and aircraft markets. Moreover, due to effects of structural reform and softened raw material prices, revenue decreased 1.0%, but the core operating income rose 6.9% to 102.6 billion yen. Core operating margin improved 0.3 points.

Core operating income in the Carbon Fiber Composite Materials segment decreased, as the segment has been significantly affected by the wind turbine blade market which has entered into adjustment phase from the second half of the fiscal year. In addition, core operating income of the Life Science segment which has been affected by the NHI drug price revision and generic version of the drug has decreased. However, core operating income in the Fibers & Textiles, Performance Chemicals, and Environment & Engineering segment increased even in the sluggish world economy.



Business Results by Segment (Fibers & Textiles)

		FY Mar/23	FY Mar/24	Chan	iges
	Toray	210.1	211.4	+1.4	(+0.7%)
	Japanese Subsidiaries	509.2	480.3	-28.9	(-5.7%)
Revenue	Overseas Subsidiaries	667.8	651.4	-16.4	(-2.5%)
	Adjustments	▲ 387.8	▲ 368.3	+19.5	
	Total	999.2	974.8	-24.4	(-2.4%)
	Toray	15.1	12.9	-2.2	(-14.5%)
Core	Japanese Subsidiaries	12.0	15.7	+3.8	(+31.6%)
Operating	Overseas Subsidiaries	24.0	26.4	+2.4	(+10.0%)
Income	Adjustments	0.1	▲ 0.4	-0.5	
	Total	51.2	54.7	+3.5	(+6.8%)



<Business Performance>

General

Billion yen

Despite the harsh business environment including soaring raw material prices, core operating income increased due to improvement in spread by passing on cost increases to sales prices and promoting high-added-value creation.

Apparel applications

Although affected by deteriorating market conditions in the U.S. and Europe, the applications were strong, specifically for trading subsidiaries in and outside Japan.

Industrial applications

Recovery trend continued, as demand for automobile applications recovered due to alleviation of semiconductor shortages, as well as expansion in EV applications.



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Business Results by Segment (Performance Chemicals)

Billion yen

		FY Mar/23	FY Mar/24	Changes
	Toray	252.0	235.8	-16.2 (-6.4%)
	Japanese Subsidiaries	528.8	482.1	-46.7 (-8.8%)
Revenue	Overseas Subsidiaries	562.5	591.7	+29.3 (+5.2%)
	Adjustments	▲ 433.8	▲ 423.6	+10.3
	Total	909.4	886.1	-23.3 (-2.6%)
	Toray	8.5	4.2	-4.3 (-50.8%)
Core	Japanese Subsidiaries	22.5	22.0	-0.5 (-2.1%)
Operating	Overseas Subsidiaries	▲ 1.6	10.7	+12.4 (-)
Income	Adjustments	1.0	▲ 0.3	-1.2
	Total	30.4	36.7	+6.3 (+20.8%)



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

<Business Performance>

Resins and Chemicals Businesses

In the resins business, demand decline in the Chinese market continued, but profitability improved due to improvement in product mix and reduction in fixed costs, etc. The chemicals business performed strongly.

Film Business

In the films business, even though the mainstay electronic parts-related application of PET films is recovering gradually, the impact of inventory adjustment in supply chains persisted in some areas.

Electronic & Information Material Business

Demand for OLED-related materials and circuit materials saw some recovery.

<Topics>

• March 2024:

Toray has developed an ion-conductive polymer membrane that delivers 10-fold the ion conductivity of predecessors. This new offering could accelerate the deployment of solid-state batteries, air batteries, and other lithium metal batteries, greatly expanding the cruising ranges of electric vehicles, industrial drones, urban air mobility (UAM) systems, and other transportation modes.

• March 2024:

Toray has developed new insulating resin material with a view to fostering the adoption of high-performance next-generation semiconductor packages for high-speed communications devices and server applications. The new material combines a conventional polyimide coating agent with the company's processing and bonding technologies. It can enhance the yields and reliability of semiconductor devices in the hybrid bonding process, which entails bonding semiconductor chips with metal electrodes. The Company aims to obtain materials certification in 2025 and start mass production by 2028.



_	FY Mar/23				
	Revenue	Ratio	Revenue	Ratio	Changes
Resins, Chemicals	419.5	31%	391.2	30%	-7%
Films	321.5	24%	330.5	25%	+3%
Electronic & Information Materials	55.2	4%	65.5	5%	+19%
Trading, Other	547.1	41%	522.5	40%	-4%
Adjustments	▲ 433.8	-	▲ 423.6	-	-
Total	909.4		886.1		-3%

Business Results by Segment (Carbon Fiber Composite Materials)

				Billion yen
		FY Mar/23	FY Mar/24	Changes
	Toray	88.1	89.3	+1.2 (+1.4%)
	Japanese Subsidiaries	71.8	65.2	-6.6 (-9.2%)
Revenue	Overseas Subsidiaries	257.9	275.6	+17.7 (+6.9%)
	Adjustments	▲ 136.1	▲ 139.7	-3.5
	Total	281.7	290.5	+8.8 (+3.1%)
	Toray	13.3	14.6	+1.3 (+9.5%)
Core	Japanese Subsidiaries	1.6	1.2	-0.4 (-22.2%)
Operating	Overseas Subsidiaries	6.0	3.1	-2.8 (-47.8%)
Income	Adjustments	▲ 4.9	▲ 5.7	-0.8
	Total	15.9	13.2	-2.7 (-17.2%)
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* Difference in selling price and raw materials' cost and fuel prices of petrochemical-based products, etc. (net)

<Business Performance>

General

The aerospace applications recovered steadily, while wind turbine blade applications entered into an adjustment phase and demand for the industrial applications softened.

<Topics>

January 2024:

Toray has developed TORAYCA[™] M46X carbon fiber with high tensile modulus and enhanced strength. The Company will promote the development of a wide range of applications, including sports applications such as fishing rods, bicycles, and golf shafts. Market launch will be in FY 2024.

• February 2024:

Toray has received a 2023 Technology category award from the Society of Polymer Science, Japan, for ultra-high-strength carbon fiber via nanoscale tailoring, Torayca[™] T1200. The Company successfully created ultra-high-strength carbon fiber which delivers far greater strength than conventional carbon fiber through refining its proprietary nanoscale structural control technology. The award recognizes Toray's contribution to broadening the potential of carbon fibers and to carbon neutrality.



	FY Ma	ır/23	FY Mar/24				
	Revenue	Ratio	Revenue	Ratio	Changes		
Aerospace	58.5	21%	90.9	31%	+56%		
Sports	37.6	13%	27.0	9%	-28%		
Industrial	185.7	66%	172.6	59%	-7%		
Total	281.7		290.5		+3%		

Business Results by Segment (Environment & Engineering)

Billion yen

Billion							
		FY Mar/23	FY Mar/24	Changes			
	Toray	37.2	38.5	+1.3 (+3.5%)			
	Japanese Subsidiaries	225.3	246.4	+21.1 (+9.4%)			
Revenue	Overseas Subsidiaries	61.4	68.2	+6.8 (+11.1%)			
	Adjustments	▲ 95.1	▲ 109.0	-14.0			
	Total	228.8	244.1	+15.3 (+6.7%)			
	Toray	3.4	3.9	+0.5 (+16.0%)			
Core	Japanese Subsidiaries	8.0	11.1	+3.0 (+37.8%)			
Operating	Overseas Subsidiaries	8.3	8.0	-0.3 (-3.6%)			
Income	Adjustments	0.0	0.3	+0.2			
	Total	19.7	23.2	+3.5 (+17.7%)			

Changes in Core Operating Income Difference Net Cost Difference in price* etc. +3.7 +1.8 -2.3

7 +1.8 -2.3 +0.3 23.2

Difference from

foreign currency

FY Mar/23 FY Mar/24

+3.5

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

<Business Performance>

Water Treatment

Shipment in the U.S. and China, the two major markets for reverse osmosis membranes, was strong.

Japanese Subsidiaries

Sales of a construction subsidiary in Japan were strong, while plant-related business at an engineering subsidiaries grew.

<Topics>

February 2024:

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Toray has received a reverse osmosis (RO) membrane order for the Yanbu 4 IWP desalination plant in the Kingdom of Saudi Arabia. Key factors in Toray obtaining this order was robust record in the Middle East established over the past 15 plus years, delivering lower capital investments and operating costs compared to the conventional evaporation method. With the production capacity of 450,000 cubic meters per day of potable water once it is completed, the plant will supply potable water to Makkah and Madinah regions, respectively.

• March 2024:

The Company has developed a highly durable reverse osmosis (RO) membrane. Even under the severe conditions in reusing industrial wastewater and treating sewage, this product guarantees the long-term provision of high-quality water, while maintaining the superior removal performance of Toray's existing membranes. The Company will launch it in the rapidly expanding Chinese market in the first half of 2024.

Business Results by Segment (Life Science)

				Billion yen
		FY Mar/23	FY Mar/24	Changes
	Toray	24.4	24.7	+0.3 (+1.1%)
	Japanese Subsidiaries	43.4	42.6	-0.8 (-1.8%)
Revenue	Overseas Subsidiaries	17.1	15.3	-1.8 (-10.4%)
	Adjustments	▲ 31.0	▲ 30.3	+0.8
	Total	53.8	52.2	-1.5 (-2.8%)
	Toray	▲ 2.9	▲ 2.5	+0.4 (-)
Core	Japanese Subsidiaries	2.0	1.0	-1.0 (-50.7%)
Operating	Overseas Subsidiaries	0.9	0.5	-0.4 (-44.8%)
Income	Adjustments	0.2	▲ 0.3	-0.5
	Total	0.2	▲ 1.3	-1.5 (-)



<Business Performance>

Pharmaceutical Business

Sales of oral anti-pruritic drug REMITCH® were affected by the introduction of its generic versions and the NHI drug price revision, and that of orally active prostacyclin derivative DORNER® were affected by inventory adjustment overseas.

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

Medical Devices Business

Though sales of dialyzers were affected by the soaring prices of raw materials and fuels, shipment of dialyzers for hemodiafiltration in Japan was strong.

<Topics>

• February 2024:

Toray launched Toray APOA2-iTQ^{*2} in Japan. As the kit is blood-based diagnostics, it makes more accessible to any people. The kit measures substances different from existing tumor markers and is expected to early detect pancreatic cancer which is not detected by conventional markers. *2: Insurance coverage for the kit in Japan began on February 1.

* 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

			Revenue		Core	e Operating Inco	ome
		FY Mar/23	FY Mar/24	Changes	FY Mar/23	FY Mar/24	Changes
Toray International, Inc).	642.7	582.9	-59.9	13.4	13.4	-0.0
Toray Engineering Co.	, Ltd.	115.1	129.6	+14.5	5.1	6.3	+1.2
Toray Construction Co	., Ltd.	40.1	47.3	+7.2	1.3	2.2	+0.9
Toray Advanced Film (Co., Ltd.	40.3	37.6	-2.7	2.7	2.2	-0.5
Subsidiaries in	Fibers & Textiles	167.4	156.4	-11.0	2.1	2.6	+0.6
Southeast Asia	Performance Chemicals	105.8	95.0	-10.8	▲ 2.8	1.1	+3.9
	Other	0.8	0.9	+0.2	0.0	0.1	+0.0
	Total	273.9	252.3	-21.6	▲ 0.7	3.8	+4.5
Subsidiaries in China	Fibers & Textiles	283.5	279.1	-4.4	20.1	25.7	+5.6
	Performance Chemicals	111.7	110.5	-1.3	8.8	9.2	+0.4
	Other	51.5	47.6	-3.9	4.3	4.2	-0.1
	Total	446.8	437.2	-9.7	33.2	39.1	+5.9
Subsidiaries in the	Fibers & Textiles	107.1	101.6	-5.5	▲ 2.3	▲ 4.0	-1.7
Republic of Korea	Performance Chemicals	134.2	166.0	+31.8	▲ 5.1	3.4	+8.5
	Other	40.9	34.7	-6.3	6.4	3.5	-2.9
	Total	282.2	302.2	+20.0	▲ 1.0	2.9	+3.9



Business Forecast for the Fiscal Year Ending March 2025 (Consolidated Basis)

Assumptions for the business forecast

The pace of recovery in the global economy is likely to remain slow due to factors such as the high interest rates in the U.S. and Europe dampening consumer spending and capital investment as well as the slow recovery in the Chinese economy. The Japanese economy is also expected to show a gradual recovery. However, the prolonged real estate recession in China, slowdown in consumption in the U.S. and Europe owing to the delay in start of interest rate cuts, rising tensions in the Middle East, a change in the Bank of Japan's monetary policy, and foreign exchange fluctuations are among downward risks for the economy in Japan and abroad.

		FY Mar/24 Actual	FY Mar/25 Forecast	Changes	
	1st Half	1,199.4	1,260.0	+60.6	(+5.1%)
Revenue	2nd Half	1,265.2	1,360.0	+94.8	(+7.5%)
	Total	2,464.6	2,620.0	+155.4	(+6.3%)
	1st Half	48.7	60.0	+11.3	(+23.3%)
Core Operating Income	2nd Half	53.9	75.0	+21.1	(+39.0%)
	Total	102.6	135.0	+32.4	(+31.6%)
Drofit Attributoble to	1st Half	28.9	39.0	+10.1	(+35.1%)
Profit Attributable to Owners of Parent	2nd Half	▲ 7.0	42.0	+49.0	(-)
Owners of Parent	Total	21.9	81.0	+59.1	(+269.9%)

Dividend Payout Ratio	Total	132%	36%
	Total	18.00 yen	18.00 yen
Dividend per Share	2nd Half	9.00 yen	9.00 yen
	1st Half	9.00 yen	9.00 yen
	Total	13.67 yen	50.57 yen
Basic Earnings per Share	2nd Half	▲ 4.35 yen	26.22 yen
	1st Half	18.03 yen	24.35 yen

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Assumed exchange rate	
140 yen / US\$	

Forecast by Segment

Expect sales volume increase in the Performance Chemicals segment, from the end of the supply chain adjustment, and in the Carbon Fiber Composite Materials segment, from the sales expansion of aircraft applications and the recovery in the industrial applications. Furthermore, by promoting and taking in the effects of the strategic pricing and profitability improvement projects, all segments are expected to increase both in revenue and core operating income year on year. Core operating margin is expected to improve by 1.0 point.

		F	Y Mar/24 Actua	al	FY Mar/25 Forecast		Changes			Billion yen	
		1st Half	2nd Half	Total	1st Half	2nd Half	Total	I 1st Half 2nd Half To		Total	
	Fibers & Textiles	481.2	493.6	974.8	492.0	519.0	1,011.0	+10.8	+25.4	+36.2	
	Performance Chemicals	433.1	453.0	886.1	467.0	495.0	962.0	+33.9	+42.0	+75.9	
	Carbon Fiber Composite Materials	141.1	149.3	290.5	146.0	164.0	310.0	+4.9	+14.7	+19.5	
Revenue	Environment & Engineering	111.5	132.5	244.1	121.0	141.0	262.0	+9.5	+8.5	+17.9	
	Life Science	24.8	27.5	52.2	26.0	31.5	57.5	+1.2	+4.0	+5.3	
	Others	7.6	9.3	16.9	8.0	9.5	17.5	+0.4	+0.2	+0.6	
	Consolidated	1,199.4	1,265.2	2,464.6	1,260.0	1,360.0	2,620.0	+60.6	+94.8	+155.4	
	Fibers & Textiles	27.2	27.5	54.7	30.5	34.5	65.0	+3.3	+7.0	+10.3	
	Performance Chemicals	14.5	22.2	36.7	27.5	32.0	59.5	+13.0	+9.8	+22.8	
0	Carbon Fiber Composite Materials	7.6	5.6	13.2	8.0	13.0	21.0	+0.4	+7.4	+7.8	
Core Operating Income	Environment & Engineering	10.2	13.0	23.2	9.0	14.5	23.5	-1.2	+1.5	+0.3	
income	Life Science	▲ 0.5	▲ 0.8	▲ 1.3	▲ 1.0	1.0	0.0	-0.5	+1.8	+1.3	
	Others	0.8	2.5	3.3	0.5	1.5	2.0	-0.3	-1.0	-1.3	1
	Reconciliations	▲ 11.1	▲ 16.0	▲ 27.2	▲ 14.5	▲ 21.5	▲ 36.0	-3.4	-5.5	-8.8	1
	Consolidated	48.7	53.9	102.6	60.0	75.0	135.0	+11.3	+21.1	+32.4	1
	Core Operating Margin	4.1%	4.3%	4.2%	4.8%	5.5%	5.2%	+0.7p	+1.3p	+1.0p	



Core Operating Income by Segment: FY Mar/2024 vs Mar/ 2025

Fibers & Textiles

Billion yen

Revenue: increase

Core operating income: increase

Apparel applications

 Expansion of high-added-value materials including environmentally friendly materials and NANODESIGN[™], and enhancement of integrated supply chain

Industrial applications

 Expansion of automobile applications such as airbag textiles and microfiber fabric with a suede texture

In order to improve profitability, implement strategic pricing, and proceed with business structure reform for loss-making business or companies

Performance Chemicals

36.7 59.5 Revenue: increase Core operating income: increase

Resins Business

- ABS Resins: Enhance profitability through promotion of high performance products
- Engineering plastics: Sales increase in line with recovery of automobile production volume

Film business

- Ensure to capture the recovery demand, mainly in optical applications and MLCC (Multi-layered Ceramic Capacitor) release film applications
- Subsidiaries in the U.S. and Europe: Increase in profit from the progress in the profitability improvement project

Electronic & information material business

 Capturing recovery demand of smartphones and other items, mainly in the OLEDrelated materials

Carbon Fiber Composite Materials

13.2 21.0 Re Billion yen Co

Revenue: increase Core operating income: increase

Aircraft applications

· The production rate at the major customer is expected to increase

Sports applications

• Although inventory adjustment at customers is expected to continue in general purpose products, expect a recovery trend in the second half

Industrial applications

- · Regular tow: Expect demand for pressure vessels to expand steadily
- Large tow: Ensure to capture the recovery demand of wind turbine blade, and increase in profit from the progress in the profitability improvement project

Environment & Engineering

23.2 23.5 Billion yen

Revenue: increase Core operating income: increase

Revenue: increase

Core operating income: increase

00

Billion yen

Water treatment business

 Although sales expansion is expected in our mainstay product Reverse Osmosis (RO) membrane, expect impact from the intensifying competition in China

Japanese subsidiaries

· Expect increase of plant-related business at an engineering subsidiary

Life Science

Pharmaceutical business

• Expect to be impacted by the NHI drug price revision in Japan, but sales expansion is expected in the market outside Japan

Medical Equipment

Sales increase is expected mainly in dialysis machines and dialyzers



Trend in Business Performance and Forecast of the Carbon Fiber Composite Materials Segment

- FY Mar/2024: Core operating income decreased yoy, mainly from sluggish demand for wind turbine blade applications and inventory adjustment of customers in industrial applications
- FY Mar/2025: Inventory adjustment mentioned above is on the recovery trend, and expect improvement in profitability from sales expansion and improvement in utilization rate



Trends in Capital Expenditures, Depreciation and Amortization, and R&D Expenditures







TORA

Major Capital Expenditure Projects

FY Mar/2024		FY Mar/2025	
Toray Industries, Inc.	Production facilities for microfiber fabric with a suede texture	Toray Industries, Inc.	Production facilities for microfiber fabric with a suede texture
Toray Advanced Materials Korea Inc.	PPS resin production facilities,	Toray Industries, Inc.	: Polyester film production facilities
	Carbon fiber production facilities	Toray Industries, Inc.	: Polypropylene film production facilities
Zoltek Companies, Inc.	: Carbon fiber production facilities	Toray Advanced Materials Korea Inc.	PPS resin production facilities, Carbon fiber production facilities
Toray Composite Materials America, Inc.	: Carbon fiber production facilities	Toray Composite Materials America, Inc.	: Carbon fiber production facilities
Toray Carbon Fibers Europe S.A.	: Carbon fiber production facilities	Toray Carbon Fibers Europe S.A.	: Carbon fiber production facilities

Businesses and Group Companies that posted Impairment Loss, and Initiatives to Improve Profitability

Company (Business)	Business Environment	Short term initiatives for profitability improvement and forecast
ZOLTEK (Large tow carbon fiber)	 Decrease in demand due to cancellation or delay of wind power projects in the U.S. and Europe Soaring utility cost in Europe 	 Proceed reduction of total fixed cost in line with utilization rate Strengthen global operation between Mexico and Hungary, and promote diversification of applications Reduction of utility cost in Hungary through utilization of renewable energy Due to demand recovery in wind turbine blade applications, Mexico Plant is expected to be in full operation in 4Q of FY 2024
TBSK (Battery separator film)	 Intense competition with competitors Drop in sales price for automobile applications, and weak demand in consumer applications 	 Decided to retire the production lines with reduced competitiveness at the production site in South Korea Review of the production capacity including shutdown of production lines Became profitable in 4Q of FY 2023 from the sales expansion in automobile applications
TPA (PET Film)	 Sluggish demand for film in the U.S. Existing products have turned into general-purpose products 	 Decided to cease production at the PET film production line mainly for general- purpose products Reduction of fixed costs through the review of the production capacity Significantly reduced deficit in 4Q of FY 2023 by promoting strategic pricing. Expected to restore profitability in FY 2024
TPF (PP spunbond)	 Worsened supply-demand balance across Asia, mainly in China Intensified competition 	 Review of the production capacity including shutdown of production lines Promote differentiation and cost reduction In FY 2024, promote further initiatives to restore profitability

TORAY

Reduction of Cross-shareholdings

To accelerate capital efficiency improvement, reduce cross-shareholdings by half

50% (about 100 billion yen) reduction in 3 years from FY Mar/2025 to Mar/2027

<u>All the proceeds from sales of cross-shareholdings</u> will be used for shareholder returns (share buybacks)



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As an addition to the capital allocation under AP-G 2025, we will reduce cross-shareholdings and implement shareholder returns (share buybacks) with proceeds from the sales

	■ Fi	ee ca	AP-G 20 ash flow : Positive (3-year		•	: 0.7 or lower		
			Image of Capital Allo	ocation	(FY 2023-2025)		
	Cash in		Cash out			Business	investment	
	CF from Operating Activities*1		CF from Investing Activities			500	1	
AP-G 2025	760.0		720.0	•••••••	Capital investment	500 billion yen	Including investments for growth business fields: 270 billion yen	
	billion yen		billion yen		R&D Expenses	220 billion yen	Including investments for growth business fields: 180 billion yen	
	Interest-bearing liabilities		Shareholder returns				ning stable continuous dividends, aiming to ends based on earnings growth	
	Sales of cross-		Shareholder returns	••••••	Shareholder returns policy		out ratio of 30% or more	
New	shareholdings *1: Before deduction of R&D expenditure		(share buybacks)			Use all proceeds from the sale of cross- shareholdings for share buybacks		

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Progress of Medium-Term Management Program, Project AP-G 2025

Toray Group's growth business fields

Products that accelerate measures

to counter climate change

Basic strategy 1

Sustainable growth

Expanding revenues from businesses related to Sustainability Innovation Business^(*1) and Digital Innovation Business to about 60% of total

Growth Business Fields under AP-G 2025

SI Business Sustainability Innovation Business (*1) (1)

*1: Group of businesses or products that can help realize the Toray Group Sustainability Vision

Business

Digital

Innovation

Business

 Products that facilitate sustainable, recycling-based use of resources and production
 Products that help provide clean water and air and reduce environmental impact
 Products that help deliver better medical care and hygiene for people worldwide
 Materials, equipment, technologies, and services that help improve convenience

and productivity by supporting the

widespread adoption of digital technology



Toray Group's growth business fields

Basic strategy 1



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Promote cross-organizational cost reduction activities that leverage the Group's collective strengths

Roll out a mechanism for sharing information on inter-organizational activities and cost-reduction initiatives group-wide Also, enhance efforts to control costs and improve yields at affiliates outside Japan in particular



Progress of AP-G 2025

	FY 2022 Actual	FY 2023 Actual	FY 2024 Forecast	AP-G 2025 FY 2025 Target
Revenue	2,489.3	2,464.6	2,620.0	2,800.0
Core operating income	96.0	102.6	135.0	180.0
Core operating margin	3.9%	4.2%	5%	6%
ROIC [*]	2.7%	2.7% 2.8%		Around 5%
ROE	5.0%	1.3%	Around 5%	Around 8%
Free cash flow	237.3 billion yen (3-year total)	64.7 billion yen	_	Positive (3-year total)
D/E ratio	0.62	0.55	Around 0.6	0.7 or lower (Guideline)

* ROIC = Core Operating Income after Tax / Average Invested Capital

Assumed exchange rate in AP-G 2025: ¥125 / US \$

Billion yen

TORAY

Sustainability Targets for FY 2025

Each relative ratio is calculated in comparison to FY 2013

TORA

	FY 2013 Actual (Baseline year) (J-GAAP)	FY 2022 Actual (IFRS)	FY 2023 Actual (IFRS)	FY 2025 Target (IFRS)
Revenues from Sustainability Innovation Business*1	562.4 billion yen	1,282.8 billion yen (2.3-fold)	1,311.5 billion yen (2.3-fold)	1,600.0 billion yen (2.8-fold)
CO2 emissions avoided in value chain ^{*2}	38 million tons	9.5-fold	10.3-fold	15.0-fold
Water filtration throughput contribution by Toray's water treatment membranes ^{*3}	27.23 million tons/day	2.5-fold	2.7-fold	2.9-fold
Greenhouse gas emissions per unit of revenue in production activities ^{*4 *6 *7}	356 tons/100 million yen	33% reduction	36% reduction	40% reduction
Greenhouse gas emissions of Toray Group in Japan ^{*5 *6 *7}	2.45 million tons	21% reduction	26% reduction	20% reduction
Water usage per unit of revenue in production activities ^{*7}	14,693 tons/ 100 million yen	26% reduction	35%reduction	40% reduction

*1. (1) Products that accelerate measures to counter climate change; (2) products that facilitate sustainable, recycling based use of resources and production; (3) products that help provide clean water and air and reduce environmental impact; and (4) products that help deliver better medical care and hygiene for people worldwide.

*2. Toray calculates the CO₂ emissions reduced throughout the value chain of products in accordance with the chemical sector guidelines of the Japan Chemical Industry Association and the International Council of Chemical Associations (ICCA).

*3. Water treated annually with Toray water treatment membranes. It is calculated by multiplying the amount of fresh water that the Toray membranes can produce per day, including reverse osmosis (RO), ultrafiltration (UF) and membrane separation bioreactors (MBR), by the number of membrane elements sold.

*4. With the use of renewable energies and other zero emission power sources rising worldwide, the Toray Group aims to employ zero-emission power sources at a rate equivalent to or better than the targets in each country by fiscal 2030.

*5. In Japan, Toray works to surpass the reduction target set for the industrial sector by the Japanese government (absolute emissions reduced by 38%) in its comprehensive plan (Cabinet decision on October 22, 2021) based on Japan's Act on Promotion of Global Warming Countermeasures.

*6. The calculation method has been changed to multiplying the degree of financial control Toray Industries has over the individual subsidiary, in accordance with the GHG protocol, the international standard.

*7. Calculation includes data for companies that joined the Toray Group in FY 2014 or later.

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Toray's Key Management Measures

Given the changes in the business environment, we have re-organized and prioritized the basic strategies and specific measures of AP-G 2025 as "key management measures." In addition, we have assigned the members of the board as persons in charge of execution to increase effectiveness.



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Reference

Quarterly Revenue by Segment

		FY Mar/23					FY Mar/24						
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total		
	Fibers & Textiles	225.8	283.2	275.7	214.4	999.2	223.8	257.4	264.2	229.4	974.8		
	Performance Chemicals	245.0	228.3	225.0	211.1	909.4	214.8	218.3	226.5	226.4	886.1		
	Carbon Fiber Composite Materials	68.6	71.4	71.2	70.5	281.7	68.7	72.4	68.2	81.2	290.5		
Revenue	Environment & Engineering	50.7	55.3	50.1	72.7	228.8	56.0	55.6	53.5	79.1	244.1		
	Life Science	12.3	13.6	14.3	13.6	53.8	11.3	13.5	13.6	13.9	52.2		
	Other	3.4	4.1	3.6	5.3	16.4	3.4	4.2	4.1	5.3	16.9		
	Total	605.9	655.9	640.0	587.5	2,489.3	578.1	621.3	630.0	635.2	2,464.6		
	Fibers & Textiles	8.7	15.2	15.7	11.6	51.2	10.9	16.3	16.6	10.9	54.7		
	Performance Chemicals	16.9	8.2	4.9	0.4	30.4	7.4	7.1	9.8	12.3	36.7		
	Carbon Fiber Composite Materials	2.4	3.2	6.2	4.1	15.9	2.7	4.9	3.8	1.8	13.2		
Core Operating	Environment & Engineering	3.5	4.8	4.6	6.9	19.7	6.2	4.0	4.4	8.6	23.2		
Income	Life Science	0.1	0.3	0.2	▲ 0.4	0.2	▲ 0.5	▲ 0.1	▲ 0.3	▲0.5	▲ 1.3		
	Other	0.4	0.7	0.1	1.4	2.5	0.4	0.4	0.9	1.6	3.3		
	Reconciliations	▲ 4.8	▲ 5.0	▲ 5.7	▲ 8.4	▲ 23.9	▲ 5.2	▲ 5.9	▲ 6.7	▲ 9.4	▲ 27.2		
	Total	27.1	27.3	26.0	15.6	96.0	21.9	26.8	28.5	25.4	102.6		

Quarterly Revenue of Performance Chemicals by Sub-segments

			FY Mar/23		FY Mar/24					
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Resins, Chemicals	108.7	103.6	107.7	99.5	419.5	93.8	95.8	102.9	98.8	391.2
Films	88.6	81.6	76.0	75.3	321.5	79.4	81.2	81.0	89.0	330.5
Electronic & Information Materials	15.8	13.1	13.4	12.9	55.2	15.6	15.7	17.0	17.2	65.5
Trading, Other	150.3	140.4	135.7	120.7	547.1	131.1	122.5	135.4	133.5	522.5
Adjustments	▲ 118.4	▲ 110.5	▲ 107.7	▲ 97.3	▲ 433.8	▲ 105.0	▲ 96.9	▲ 109.7	▲ 112.1	▲ 423.6
Total	245.0	228.3	225.0	211.1	909.4	214.8	218.3	226.5	226.4	886.1

	FY Mar/2023						FY Mar/2024						
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total			
Aerospace	12.4	13.3	15.8	17.0	58.5	17.8	21.7	23.2	28.2	90.9			
Sports	9.5	10.2	9.7	8.1	37.6	6.8	6.7	7.0	6.5	27.0			
Industrial	46.8	47.8	45.7	45.4	185.7	44.2	44.0	37.9	46.4	172.6			
Total	68.6	71.4	71.2	70.5	281.7	68.7	72.4	68.2	81.2	290.5			

Quarterly Revenue of Major Subsidiaries and Regions

										Billion	
				FY Mar/2023				FY	Mar/2024		
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Toray International, Inc.		150.6	175.9	177.8	138.5	642.7	136.4	148.6	160.6	137.2	582.9
Toray Engineer	ing Co., Ltd.	23.8	29.3	27.2	34.9	115.1	27.1	30.4	30.7	41.5	129.6
Toray Construc	tion Co., Ltd.	7.4	7.3	6.9	18.6	40.1	10.3	8.9	8.2	19.8	47.3
Toray Advance	d Film Co., Ltd.	10.4	10.1	10.3	9.5	40.3	9.1	9.3	9.8	9.4	37.6
	Fibers & Textiles	40.4	46.4	43.0	37.6	167.4	35.7	40.9	41.0	38.8	156.4
Subsidiaries in	Performance Chemicals	29.1	25.3	26.8	24.6	105.8	22.4	22.8	24.5	25.3	95.0
Southeast Asia	Other	0.2	0.2	0.2	0.2	0.8	0.3	0.2	0.2	0.2	0.9
	Total	69.6	71.9	70.1	62.3	273.9	58.4	64.0	65.7	64.3	252.3
	Fibers & Textiles	64.1	91.3	80.3	47.9	283.5	64.5	77.3	78.5	58.9	279.1
Subsidiaries in	Performance Chemicals	30.2	26.7	28.7	26.1	111.7	25.3	27.3	29.8	28.0	110.5
China	Other	13.4	13.9	13.5	10.7	51.5	11.8	12.3	12.2	11.3	47.6
	Total	107.7	132.0	122.5	84.7	446.8	101.6	116.9	120.5	98.2	437.2
	Fibers & Textiles	27.8	27.7	26.1	25.6	107.1	25.3	24.9	24.8	26.6	101.6
Subsidiaries in	Performance Chemicals	38.1	32.1	31.1	32.9	134.2	39.7	42.1	40.0	44.1	166.0
the Republic of Korea	Other	10.4	10.6	9.6	10.3	40.9	8.8	8.9	9.0	8.0	34.7
	Total	76.2	70.4	66.8	68.8	282.2	73.8	75.8	73.8	78.7	302.2

Quarterly Core Operating Income of Major Subsidiaries and Regions

			l	-Y Mar/2	3				FY Mar/2	4	
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	4Q	Total
Toray Internation	nal, Inc.	2.9	3.9	4.0	2.5	13.4	2.8	4.0	3.5	3.0	13.4
Toray Engineerii	ng Co., Ltd.	0.8	1.3	1.3	1.8	5.1	0.8	1.1	1.2	3.2	6.3
Toray Construct	ion Co., Ltd.	▲ 0.3	▲ 0.2	▲0.2	2.0	1.3	0.9	▲ 0.0	▲ 0.1	1.4	2.2
Toray Advanced	Film Co., Ltd.	1.1	0.6	0.6	0.4	2.7	0.4	0.2	0.7	0.9	2.2
			1	1	1	1					
Subaidiariaa in	Fibers & Textiles	0.4	1.4	0.2	0.1	2.1	▲ 0.5	0.6	1.2	1.3	2.6
Subsidiaries in Southeast Asia	Performance Chemicals	0.7	▲ 2.1	1 .0	▲ 0.5	▲ 2.8	▲ 0.5	▲ 0.3	0.7	1.2	1.1
	Other	0.0	0.0	0.0	▲ 0.0	0.0	0.0	▲ 0.0	0.0	0.0	0.1
	Total	1.1	▲ 0.7	▲ 0.8	▲ 0.4	▲ 0.7	▲ 0.9	0.3	1.9	2.6	3.8
Subsidiaries in	Fibers & Textiles	4.4	6.6	5.7	3.3	20.1	4.6	7.5	7.9	5.7	25.7
China	Performance Chemicals	2.4	2.5	2.2	1.7	8.8	1.9	2.0	2.6	2.8	9.2
	Other	1.5	1.2	1.0	0.6	4.3	1.5	1.1	1.0	0.5	4.2
	Total	8.4	10.3	9.0	5.6	33.2	7.9	10.6	11.6	9.0	39.1
Subsidiaries in	Fibers & Textiles	▲ 0.6	▲ 0.4	▲ 0.8	▲0.6	▲ 2.3	▲ 0.0	▲ 1.1	1.3	▲ 1.5	▲ 4.0
the Republic of	Performance Chemicals	1.4	▲ 1.3	▲ 2.5	1 2.8	▲ 5.1	1.2	0.4	0.6	1.2	3.4
Korea	Other	1.7	1.9	1.5	1.3	6.4	1.3	0.9	0.8	0.6	3.5
	Total	2.6	0.2	1 .8	▲ 2.0	1 .0	2.4	0.2	0.1	0.3	2.9

External Evaluations from the Perspectives of ESG

S&P Global Sustainability Yearbook Member May 2023 February 2024 Toray Industries, Inc. February 2024 Sustainability Water Security: A-Yearbook Member MSCI Climate Change: B AAA S&P Global Corporate Sustainability Assessment (CSA) Score 2023 ESG RATINGS CCC В BB BBB Α AA AAA 💊 Sustainable

Selected as a component of major overseas indexes

Member of Dow Jones Sustainability Indices Powered by the S&P Global CSA December 2023 Dow Jones Sustainability Index (DJSI), Asia Pacific



September 2023 MSCI ESG Leaders Indexes



FTSE4Good June 2023 FTSE4Good Index Series

Selected for indices used by GPIF





FTSE Blossom Japan Sector Relative Index



2023 CONSTITUENT MSCI JAPAN ESG SELECT LEADERS INDEX

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