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# **1ST HALF FY2026/3 FINANCIAL RESULTS & STRATEGY PRESENTATION**

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**November 6, 2025**

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# 01 | Summary of Financial Results for 1st HALF FY2026/3

- 1) 1st HALF FY2026/3 Financial Results
- 2) FY2026/3 Forecast

# 1st HALF FY2026/3 Financial Results

## Consolidated Statement

(¥billion)

	1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes	
			Amount	%
Net sales	584.5	<b>589.2</b>	4.7	0.8%
Operating income	2.1	<b>9.0</b>	6.9	338.0%
Ordinary income	1.8	<b>8.5</b>	6.7	377.5%
Net income *	-12.4	<b>0.8</b>	13.2	-

\* Profit attributable to owners of parent

- Net sales increased year on year due to sales expansion in the Daily-Life Products, while sales of paper and paperboard decreased.
- Operating income increased year on year due to improved revenue from Opal and Japan Dynawave Packaging (NDP) returning to normal operations after undergoing large-scale maintenance in the previous fiscal year.
- Extraordinary losses include repair costs for boiler trouble at the Yatsushiro Mill and the impact of the suspension of operations due to a labor dispute at Opal.



# 1st HALF FY2026/3 Financial Results

## Results by Segment

(¥billion)

	Net sales			Operating income		
	1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes	1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes
Paper and Paperboard	283.1	<b>274.2</b>	-8.9	3.5	<b>-1.5</b>	-5.0
Daily-Life Products	224.7	<b>239.2</b>	14.5	-9.1	<b>2.4</b>	11.5
Energy	24.8	<b>22.8</b>	-2.0	1.7	<b>1.7</b>	0.0
Wood Products and Construction Related	37.7	<b>37.9</b>	0.2	4.0	<b>5.3</b>	1.3
Others	14.2	<b>15.1</b>	0.9	2.0	<b>1.1</b>	-0.9
Total	584.5	<b>589.2</b>	4.7	2.1	<b>9.0</b>	6.9
Domestic	452.5	<b>454.2</b>	1.7	15.6	<b>10.4</b>	-5.2
Overseas	132.0	<b>135.0</b>	3.0	-13.5	<b>-1.4</b>	12.1

# 1st HALF FY2026/3 Financial Results

## Factors for Changes

(¥billion)

			Paper and Paperboard Business		Daily-Life Products Business	
	Volume, Sales Price	<b>1.5</b>	-1.6	—	3.1	—
	Raw material and fuel prices	<b>-0.7</b>	-0.3	Wood Chips -0.2, Wastepaper -2.3, Pulp 0.2 Oil -0.3, Coal 2.7, LNG 0.2, Chemicals, etc. -0.6 (Price -2.2, FOREX 1.9)	-0.4	Pulp 0.0, Coal 0.1, Chemicals, etc. -0.5
	Cost reductions,etc.	<b>-4.3</b>	-3.6	Cost reductions -1.3, shutdown at the Shiraoi Mill and the Yatsushiro Mill 0.2, Labor costs -1.0, Logistics costs -1.5	-0.7	Cost reductions 0.2, Labor costs -0.4, Logistics costs -0.5
	Others	<b>10.0</b>	0.5	Overseas business -0.7,Depreciation 0.4, Retirement benefit expenses -0.7, Inventory value adjustment, etc. 1.5	9.5	Overseas business 11.7(Opal 5.4、NDP 6.3、TSP 0.0),Depreciation 0.2 Inventory value adjustment, etc. -2.4
Total		<b>6.5</b>	-5.0	Domestic business -4.3, Overseas business -0.7	11.5	Domestic business -0.2, Overseas business 11.7
Other businesses		<b>0.4</b>	Energy 0.0,Wood Products and Construction Related 1.3, Others -0.9			
Operating income		<b>6.9</b>				
Non-operating income		<b>-0.2</b>	Net financial revenue -0.8, Equity in net income of affiliates -3.2, Foreign exchange difference 3.8			
Ordinary income		<b>6.7</b>				

# 1st HALF FY2026/3 Financial Results

## Paper and Paperboard Business

(¥billion)

Net sales			Operating income		
1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes	1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes
283.1	<b>274.2</b>	-8.9	3.5	<b>-1.5</b>	-5.0

- Domestic
  - Sales volume of paper and paperboard decreased year on year , mainly due to the impact of export market conditions.
  - Profits decreased year on year due to rising labor and logistics costs.
- Overseas
  - Jujo Thermal (JTOy) saw a decline in profit due to the continued slump in demand for thermal paper in the European market.

# 1st HALF FY2026/3 Financial Results

## Daily-Life Products Business

(¥billion)

	Net sales			Operating income		
	1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes	1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes
Domestic	110.3	<b>120.2</b>	9.9	5.8	<b>5.6</b>	-0.2
Overseas	114.4	<b>119.0</b>	4.6	-14.9	<b>-3.2</b>	11.7
Total	224.7	<b>239.2</b>	14.5	-9.1	<b>2.4</b>	11.5

Liquid packaging carton -0.6, Chemical 0.3, Household paper & Healthcare 0.1

Opal 5.4, NDP 6.3, TSP 0.0

- Domestic
  - Sales volume increased due to expanded investment effects in household paper.
  - Despite rising raw material prices, labor costs, and logistics costs, sales remained strong due to the effects of price adjustments.
- Overseas
  - Opal reduced its deficit through cost improvements (e.g., unit cost improvement, fixed cost reduction) at the Maryvale mill.
  - Nippon Dynawave Packaging (NDP) significantly improved as the impact of the large-scale maintenance in the previous period was resolved and sales volume increased.

Opal	Volume, Sales Price 2.2, Raw material and fuel prices -0.6, Cost reductions 2.8, Goodwill 0.6, Other 0.4
NDP	Volume, Sales Price 3.5, Raw material and fuel prices -1.1, Fixed costs 0.8, Other 3.1



# 1st HALF FY2026/3 Financial Results

## Energy Business

(¥billion)

Net sales			Operating income		
1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes	1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes
24.8	<b>22.8</b>	-2.0	1.7	<b>1.7</b>	0.0

- Electricity sales volume decreased, resulting in a decrease in revenue year on year, but operating profit was at the same level as last year.

## Wood Products and Construction Related Business

(¥billion)

Net sales			Operating income		
1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes	1st Half FY2025/3 Results	1st Half FY2026/3 Results	Y on Y changes
<b>37.7</b>	<b>37.9</b>	0.2	4.0	<b>5.3</b>	1.3

- Increased revenue and profit due to growing domestic biomass fuel demand and improved sales mix at AMCEL.

## Consolidated Balance Sheets

(¥billion)

	Mar.31, 2025	Sep.30, 2025	Variance
Total assets	1,703.3	1,682.3	-21.0
Cash and time deposit	185.9	162.4	-23.5
Inventories	230.0	237.5	7.5
Other current assets	222.2	238.5	16.3
Property, equipment, and intangible fixed asset	797.1	775.8	-21.3
Investment and other assets	267.8	268.1	0.3
Total liabilities	1,192.8	1,184.1	-8.7
Interests bearing liabilities	880.8	873.2	-7.6
Other liabilities	312.0	310.9	-1.1
Total net assets	510.4	498.2	-12.2
Shareholder's equity	330.9	330.7	-0.2
Total liabilities and net assets	1,703.3	1,682.3	-21.0
Net interest-bearing debt	694.9	710.8	15.9
Adjusted Net D/E ratio * (times)	1.84	1.89	0.05

\* Adjusted Net D/E ratio= (Net interest-bearing debt- Equity—type debt)/(Shareholders' Equity + Equity-type debt)

Equity-type debt : The amount of debt procured by hybrid loans that has been recognized as equity credit by rating agencies (50% of the financed amount)

## Consolidated Statement

(¥billion)

	FY2025/3 Results	FY2026/3 Initial forecast (a)	FY2026/3 Revised forecast (b)	Amount of increase/ decrease
Net sales	1,182.4	1,205.0	<b>1,200.0</b>	-5.0
Operating income	19.7	34.0	<b>30.0</b>	-4.0
Ordinary income	15.5	26.0	<b>24.0</b>	-2.0
Net income *	4.5	12.0	<b>10.0</b>	-2.0

\* Profit attributable to owners of parent

- Full-year earnings forecast has been revised reflecting current changes in the business environment.
- Mainly considering Opal's business performance trends due to sluggish sales volume of packaging products caused by the stagnant Australian economy and the slump in the export market for containerboard.
- Dividend forecast remains unchanged.

## Results and Forecasts by Business Segment

(¥billion)

	Net sales				Operating income			
	FY2025/3 Results	FY2026/3 Initial forecast (a)	FY2026/3 Revised forecast (b)	(b)-(a)	FY2025/3 Results	FY2026/3 Initial forecast (a)	FY2026/3 Revised forecast (b)	(b)-(a)
Paper and Paperboard	565.9	555.0	<b>555.0</b>	0.0	8.3	5.0	<b>5.0</b>	0.0
Daily-Life Products (Overseas)	457.9	500.0	<b>490.0</b>	-10.0	-6.1 (-15.4)	15.0 (1.4)	<b>10.0</b> <b>(-3.6)</b>	-5.0 (-5.0)
Energy	48.3	45.0	<b>45.0</b>	0.0	3.6	3.0	<b>3.0</b>	0.0
Wood Products and Construction Related	78.8	75.0	<b>77.0</b>	2.0	9.6	8.5	<b>9.0</b>	0.5
Others	31.5	30.0	<b>33.0</b>	3.0	4.3	2.5	<b>3.0</b>	0.5
Total	1,182.4	1,205.0	<b>1,200.0</b>	-5.0	19.7	34.0	<b>30.0</b>	-4.0
Domestic	913.9	932.0	<b>937.0</b>	5.0	31.6	30.5	<b>31.0</b>	0.5
Overseas	268.5	273.0	<b>263.0</b>	-10.0	-11.9	3.5	<b>-1.0</b>	-4.5



Major Assumptions

■ Annual change in domestic sales volume (YoY)

	2nd Half	Full year
Newsprint	2%	4%
Printing	-5%	-1%
Business communication	-3%	-4%
Containerboard	1%	-0%

■ Major raw material prices and FOREX

	2nd Half
FOREX (USD)	JPY 152/USD
FOREX sensitivity	+0.65 billion yen/year due to 1 yen appreciation against USD
Coal	USD 130.0/t (Considering the impact of inventory conditions at the end of March 2025 and the risk of future price fluctuations)
Crude oil	USD 75/BL (Dubai)
Wastepaper	Considering current price trends

## Forecast for Changes (FY2026/3 Forecast vs FY2025/3 Results)

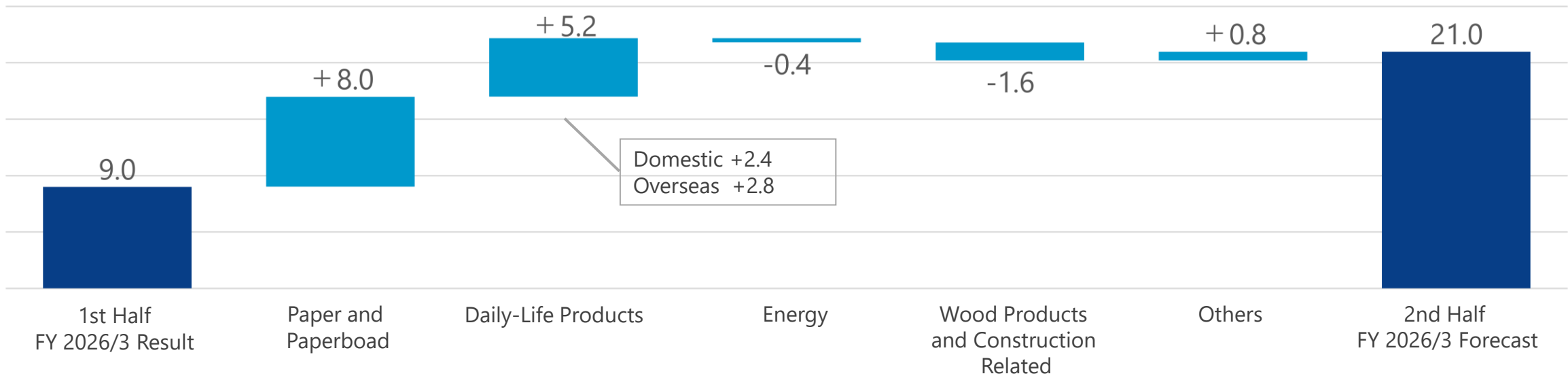
(¥billion)

			Paper and Paperboard Business		Daily-Life Products Business	
	Volume, Sales Price	<b>9.4</b>	1.2	–	8.2	–
	Raw material and fuel prices	<b>1.3</b>	0.8	Wood chips -1.0, Wastepaper -2.0, Pulp 0.2, Oil -1.0, Coal 5.6, LNG 0.5, Chemicals, etc. -1.5 (Price -0.1, FOREX 0.9)	0.5	Wood chips -0.1, Pulp 0.1, Coal 0.3, Chemicals, etc. 0.2
	Cost reductions, etc.	<b>-3.7</b>	-2.6	Cost reductions 0.6, Shutdown at the Shiraoi Mill and the Yatsushiro Mill 0.5, Labor costs -2.0, Logistics costs -1.7	-1.1	Cost reductions 0.7, Labor costs -1.1, Logistics costs -0.7
	Others	<b>5.8</b>	-2.7	Overseas business -0.5, Depreciation 0.5, Retirement benefit expenses -1.4, Inventory value adjustment, etc. -1.3	8.5	Overseas business 11.8 (Opal 4.7, NDP 7.1, TSP 0.0), Depreciation 0.2, Inventory value adjustment, etc. -3.5
Total		<b>12.8</b>	-3.3	Domestic -2.8, Overseas -0.5	16.1	Domestic 4.3, Overseas 11.8
Other businesses		<b>-2.5</b>	Energy -0.6, Wood products and construction related -0.6, Others -1.3			
Operating income		<b>10.3</b>				

Liquid packaging carton 0.9, Chemicals 0.8, Household paper & Healthcare 2.6

## Factors for Changes (H1 FY2026/3 Results vs. H2 FY2026/3 Forecast)

(¥billion)



### ■ Paper and Paperboard

- As in previous years, many factories were closed for regular maintenance in the first half of the year. Therefore, fixed costs such as repair costs will be reduced in the second half of the year.
- Factor in the effects of price adjustments for paper and paperboard

### ■ Daily-Life Products(Domestic)

- As in previous years, household paper and healthcare sales volumes increased in the second half of the year.
- Expanded price adjustment effects in the second half

### ■ Daily-Life Products(Overseas)

- Opal will remain at the same level as the first half. Despite progress in operational and cost improvements, sales of corrugated packaging products will be sluggish due to the stagnant Australian economy, and the worsening export market for containerboard will have an impact.
- NDP is expected to improve due to sales increase and the absence of repair costs associated with regular maintenance carried out in the first half.



## 02 | Initiatives for FY2026/3

- 1) Basic Policy and Current Situation
- 2) Initiatives for FY 2026/3

Strengthening the Foundation of the Paper and Paperboard Business  
Opal's Profitability Improvement  
Management That is Conscious of the Cost of Capital and Stock Price



# Basic Policy and Current Situation

Executing profit improvement initiatives in response to evolving business conditions and establish a foundation for the upcoming medium-term business plan.

## Progress Toward Medium-Term Business Plan 2025

(Billion yen)		Medium-Term Business Plan 2025 Target	FY2026/3 Initial Forecast	FY2026/3 Revised Forecast
<b>Net Sales</b>		1,200.0	1,205.0	<b>1,200.0</b>
<b>Operating Income</b>		40.0	34.0	<b>30.0</b>
	Paper & Paperboard	5.0	5.0	<b>5.0</b>
	Daily-Life Products	20.0	15.0	<b>10.0</b>
	Energy	3.0	3.0	<b>3.0</b>
	Wood Products and Construction Related	8.0	8.5	<b>9.0</b>
	Other	4.0	2.5	<b>3.0</b>
<b>EBITDA</b>		100.0	100.0	96.0
<b>ROE</b>		5.0% or more	2-3%	Around 2%
<b>Net D/E Ratio</b>		1.7-1.79 times	1.7-1.79 times	1.7-1.79 times

## FY2026/3 Initiatives

### 1. Strengthening the Foundation of the Paper and Paperboard Business

- Stable operations and cost improvements
- Realization of price adjustment effect

### 2. Opal's Profitability Improvement

- Initiate further fixed cost reductions at Maryvale Mill.
- Consider consolidation of packaging business locations and review of unprofitable operations.

### 3. Management That is Conscious of the Cost of Capital and Stock Price

- Conduct trial operations aimed at introducing targets from the next medium-term business plan.



**Implementing cost reductions and price adjustments in response to rising labor & logistics costs.  
Reorganizing production system to maintain operating rates and secure profits as a core business.**

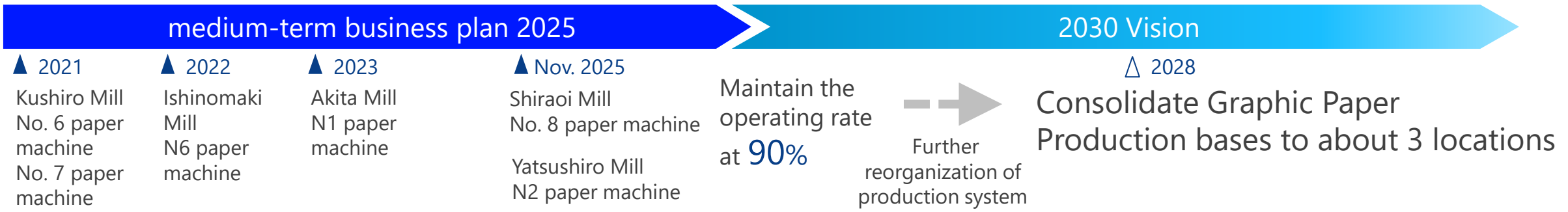
- Sales

  - Working on price adjustments for paper and paperboard to maintain optimal pricing that secures a sustainable profit
  - Development of environmentally-friendly products in collaboration with customers
  - Maximizing export volumes by accurately assessing market trends
- Production

  - Stable operation and enhanced BCP system
  - Cost reduction through energy conservation, etc.
  - Continuously reviewing production system reorganization to address declining demand

## Progress on Production System Reorganization

Shiraoi Mill No. 8 Paper Machine, Yatsushiro Mill N2 Paper Machine and No. 9 Boiler are scheduled to be shut down by the end of November.





# Opal’s Profitability Improvement

Operational stabilization in Maryvale Mill has proceeded as planned and resulted in costs reduction.  
Packaging business challenges sluggish economy in Australia.

Operating Profit

(A\$ Million)

	2023 Result	2024 Result			2025 Forecast in May 2025			2025 Revised Forecast		
		1H	2H	Full year	1H	2H	Full year	1H Result	2H	Full year
Maryvale Mill	-128	-65	-42	-107	-30	-20	-50	-30	-35	-65
Packaging Business	-23	-17	9	-8	-10	25	15	-10	-5	-15
Opal Total	-151	-82	-33	-115	-40	5	-35	-40	-40	-80

## Progress of Profitability Improvement and Next Action

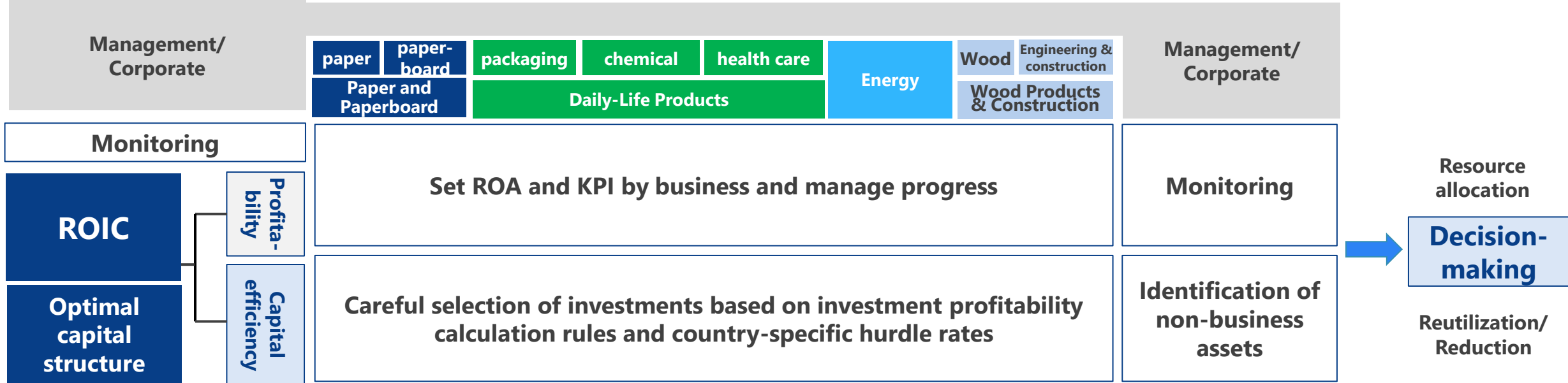
	Progress by 2025 1H	Current Issues	Next Action
Maryvale Mill	<ul style="list-style-type: none"> <li>Optimization of manufacturing footprint</li> <li>Cost improvement through operational stabilization</li> </ul>	<ul style="list-style-type: none"> <li>Stagnation of internal consumption and sluggish export market condition</li> <li>Further strengthen profitability required</li> </ul>	<ul style="list-style-type: none"> <li>Further reduction of fixed costs</li> <li>Further shift toward more profitable products and markets</li> </ul>
Packaging Business	<ul style="list-style-type: none"> <li>Realizing capital investment to maximize productivity and enhancing consolidation outcome through optimizing footprint.</li> <li>Realizing reduction of fixed costs through rationalization</li> </ul>	<ul style="list-style-type: none"> <li>Sales stagnation with sluggish economy in Australia</li> <li>Deterioration of profitability in certain business</li> </ul>	<ul style="list-style-type: none"> <li>Sales enhancement through sales strategy</li> <li>Considering consolidation of production sites and review of unprofitable business</li> </ul>

**Accelerate Opal’s Return to Profitability through further profit improvement in both Maryvale Mill and Packaging Business**



## Pilot implementation of a capital efficiency management system in FY2026/3 for PBR Improvement Targeting full-scale operation from the next medium-term management plan

- Pilot introduction of group-wide ROIC on a consolidated basis, ROIC by company, ROA management by business, and KPI by business from FY2026/3 budget
  - ⇒ Efficient management of business assets (including accounts receivable, inventories, fixed assets for business use, investment securities, and stocks of subsidiaries and affiliates)
  - ⇒ Reutilization/reduction of non-business assets, including reduction of cross-shareholdings
- Set Key Success Factors (KSF) and KPIs by company and business, using ROIC and ROA as indicators, and report progress to the Board of Directors on a quarterly basis.



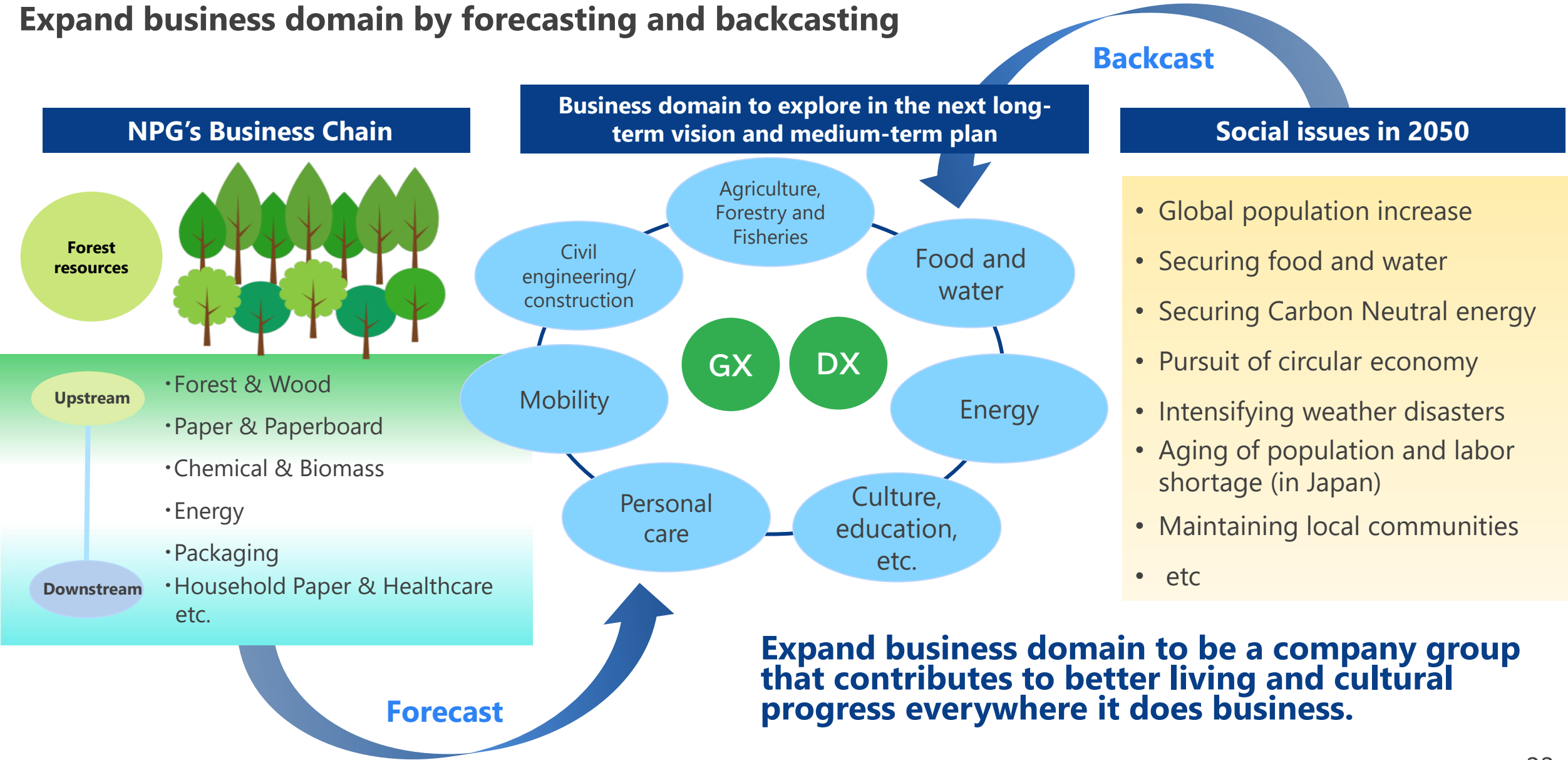


## 03 | Toward Next Medium-Term Business Plan

- 1) Expansion of Business Domain in the Next Long-Term Vision and Medium-Term Plan
- 2) Strategic Direction for Each Business in the Next Medium-Term Business Plan

# Expansion of Business Domain in the Next Long-Term Vision and Medium-Term Plan

Expand business domain by forecasting and backcasting



# Direction of Each Business in the Next Medium-Term Business Plan

The growth pillars are profit expansion in Daily-Life Product Business\* and growth in Forest and Wood-Related Business.

Leveraging forest resources, we aim to contribute to a circular economy and achieve sustainable corporate growth.

• Forestry & Wood-Related Business	<ul style="list-style-type: none"> <li>• Strengthen procurement capabilities for domestic timber and expand distribution volume through support for domestic forestry</li> <li>• Further advance breeding and propagation technologies to increase productivity and expand profits of overseas plantation business</li> </ul>
• Paper & Paperboard Business	<ul style="list-style-type: none"> <li>• Maintain competitiveness as a core business by optimizing production systems</li> <li>• Securing profits necessary for stable supply</li> </ul>
• Chemical & Biomass Materials Business	<ul style="list-style-type: none"> <li>• Expand sales of existing chemical products domestically and internationally, and accelerate the commercialization of new biomass materials businesses</li> <li>• Expand operational scope and strengthen collaboration with external partners</li> </ul>
• Energy Business	<ul style="list-style-type: none"> <li>• Maximize profits through stable operations while adapting to regulatory changes</li> </ul>
• Packaging Business (Liquid paper containers, corrugated cardboard, paper containers, etc.)	<ul style="list-style-type: none"> <li>• Strengthen integrated production system from raw paper to processing</li> <li>• Expand domestic and international sales through collaboration with global partners</li> </ul>
• Household Paper & Healthcare Business	<ul style="list-style-type: none"> <li>• Advance differentiation strategies utilizing new facilities and equipment</li> <li>• Expand domestic and international sales through collaboration with global partners</li> </ul>

\* Daily-Life Product Business= Chemical & Biomass Materials Business, Packaging Business, Household Paper & Healthcare Business



# 04 | Summary



- **Progress in the first half of FY2026/3 was largely on track.**
- **Revision of the FY2026/3 forecast, reflecting the current business environment.**
- **In the second half of FY2026/3, we will appropriately respond to changes in business environment.**
  - Firm execution of price adjustments in the domestic business
  - Further improvement of profitability at Opal
- **Dividend forecast (interim: ¥5, year-end: ¥10) remains unchanged.**
- **Toward Next Medium-Term Business Plan**



# 05 | Reference Materials

# Sales Volume (Paper & Paperboard) \*

(volume: '000 tonnes)

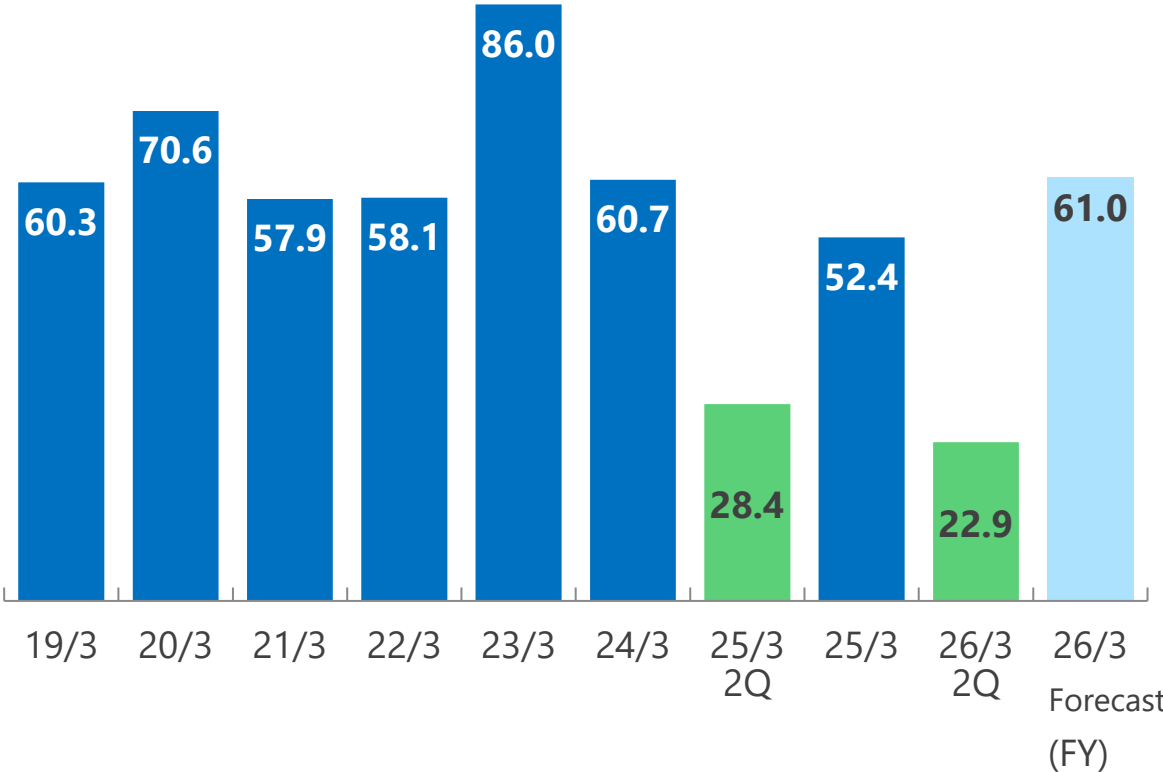
	H1 FY2025/3	H1 FY2026/3	against H1 FY25/3
Newsprint	245	259	5.8%
Printing paper	420	431	2.5%
Business communication paper	180	170	-5.5%
Others	149	151	1.6%
Domestic sales (paper)	994	1,011	1.7%
Export (paper)	107	80	-25.1%
Paper total	1,101	1,091	-0.9%
Container board	769	759	-1.4%
Paperboard for paper container and others	155	150	-3.0%
Domestic sales (paperboard)	924	909	-1.6%
Export (paperboard)	63	55	-14.0%
Paperboard total	988	964	-2.4%
Grand total (paper and paperboard)	2,089	2,055	-1.6%

\* Sales Volume Total of Nippon Paper Industries Co., Ltd., Nippon Paper Papyrus Co., Ltd., Nippon Paper Crexia Co., Ltd., and Shin Tokai Paper Co., Ltd. (excluding sanitary paper)

# Capital expenditure, Depreciation

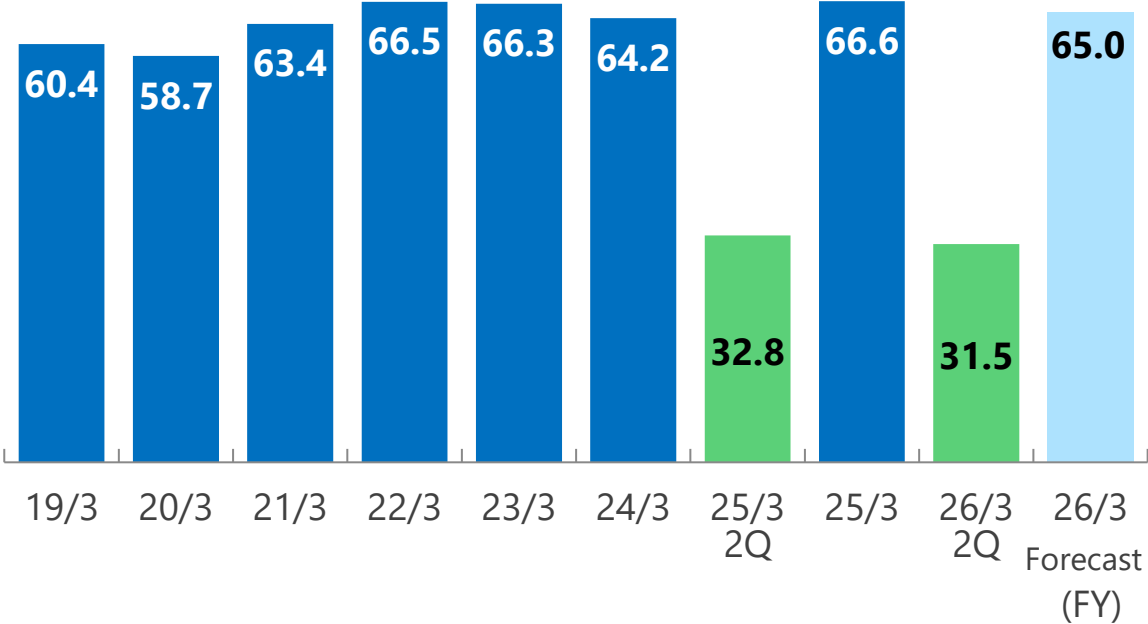
## Capital expenditure \*

(¥ billion)



## Depreciation

(¥ billion)



\* Including construction in progress

# Net Sales Trends by Business Segment



	(¥billion)							
	FY2025/3				FY2026/3		FY2026/3	
	Q1	Q2	Q3	Q4	Q1	Q2	H1 Results	H2 Forecast
Paper and Paperboard	141.9	141.2	146.3	136.5	138.2	136.0	274.2	280.8
Daily-Life Products	108.3	116.4	118.4	114.8	116.7	122.5	239.2	250.8
Energy	11.5	13.3	10.7	12.8	10.6	12.2	22.8	22.2
Wood Products and Construction Related	18.4	19.3	18.0	23.1	19.6	18.3	37.9	39.1
Others	6.9	7.3	8.4	8.9	7.5	7.6	15.1	17.9
Total	287.0	297.5	301.8	296.1	292.6	296.6	589.2	610.8



# Operating Income Trends by Business Segment

(¥billion)

	FY2025/3				FY2026/3		FY2026/3	
	Q1	Q2	Q3	Q4	Q1	Q2	H1 Results	H2 Forecast
Paper and Paperboard	2.4	1.1	3.3	1.5	-0.9	-0.6	-1.5	6.5
Daily-Life Products	-2.0	-7.1	2.2	0.8	3.0	-0.6	2.4	7.6
Energy	0.5	1.2	0.3	1.6	0.6	1.1	1.7	1.3
Wood Products and Construction Related	2.2	1.8	2.1	3.5	3.0	2.3	5.3	3.7
Others	1.0	1.0	1.1	1.2	-0.2	1.3	1.1	1.9
Total	4.1	-2.0	9.0	8.6	5.5	3.5	9.0	21.0

## Domestic Shipment and Import / Export Volume (Paper& Paperboard, FY2026/3 H1 Results)

(volume: '000 tonnes)

	Domestic shipments		Exports		Imports	
	volume	against H1 FY25/3	volume	against H1 FY25/3	volume	against H1 FY25/3
Newsprint	681	-9.0%	0	—	0	-17.9%
Printing & business communication paper	2,172	-4.6%	252	-20.0%	267	3.0%
Coated paper *	1,145	-3.7%	184	-21.5%	56	23.1%
Uncoated paper	588	-5.3%	43	-19.6%	7	7.4%
Business communication paper	440	-6.0%	25	-7.7%	203	-1.7%
Other papers	1,476	-0.5%	125	-9.9%	23	8.1%
Paper total	4,330	-4.0%	378	-16.9%	289	3.3%
Containerboard	4,308	-0.4%	375	-3.5%	15	18.6%
Folding box board and others	989	-1.0%	17	-31.1%	103	-9.2%
Paperboard total	5,297	-0.5%	391	-5.1%	118	-6.5%
Paper and paperboard total	9,627	-2.1%	769	-11.3%	407	0.3%

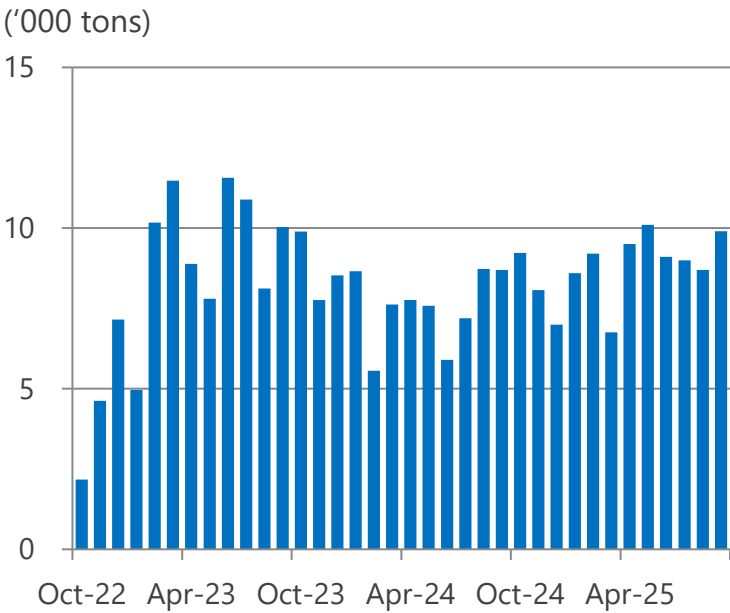
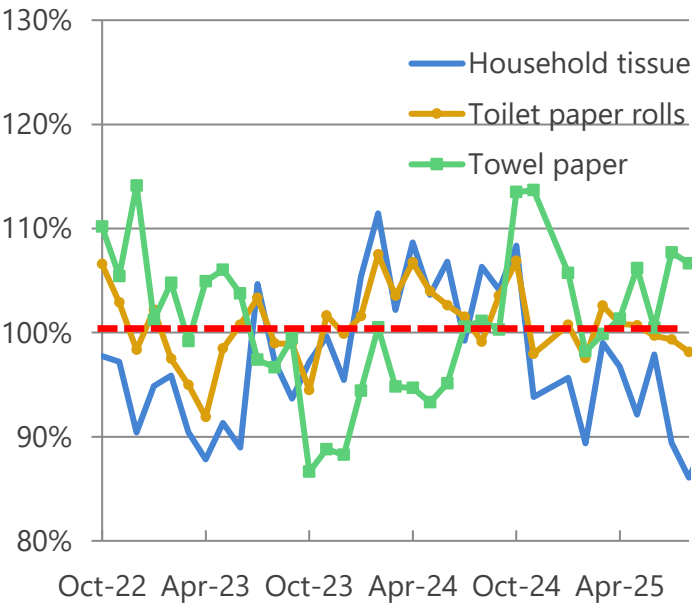
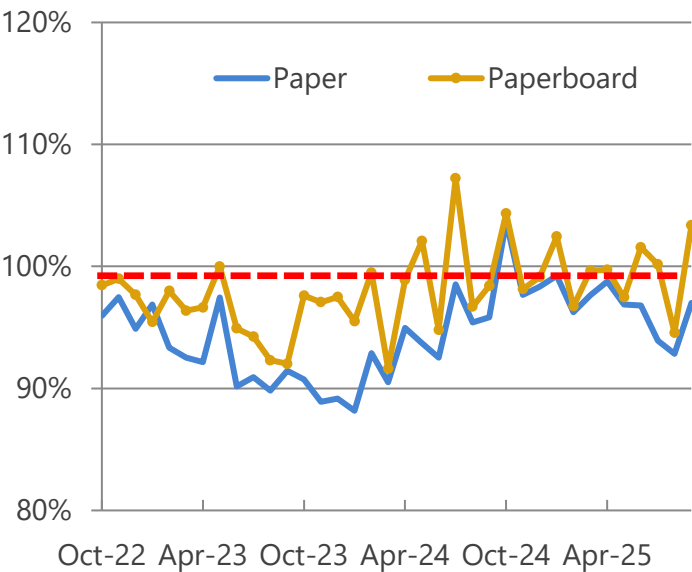
\* "Bitoko-shi" paper is included in coated paper.

Source: Japan Paper Association, Trade Statistics of Japan

Domestic shipment of paper industry (YOY)

Production of sanitary paper (YOY)

Imports of Coated Paper

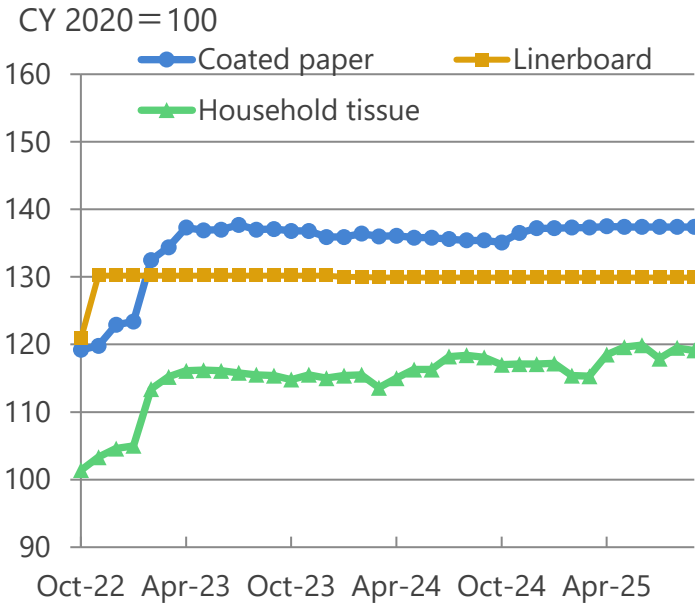


Source: Japan Paper Association, Current Survey of Production by the Ministry of Economy,  
Trade Statistics of Japan

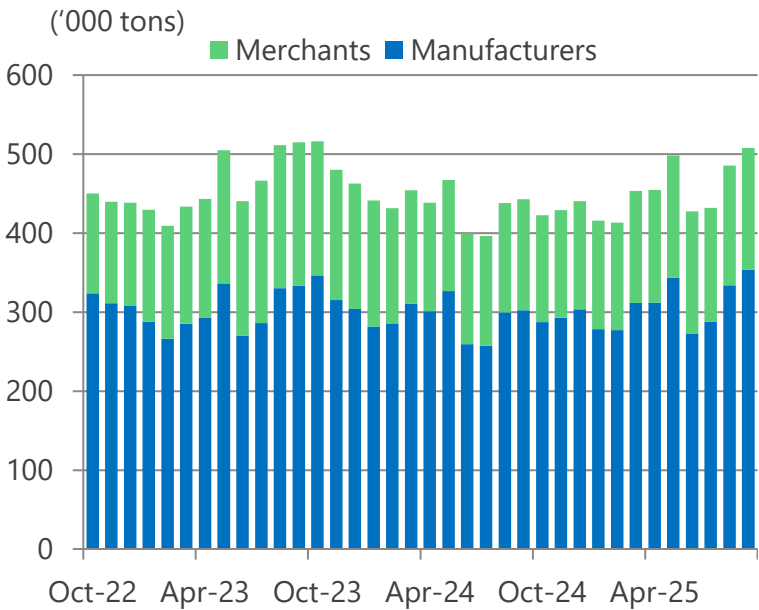


# Reference (Domestic)

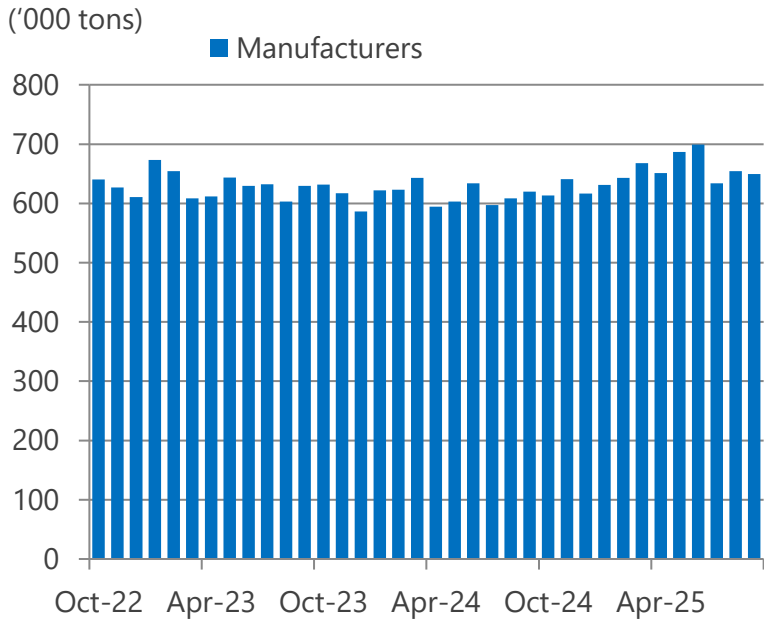
## Price trends by products



## Coated paper inventory



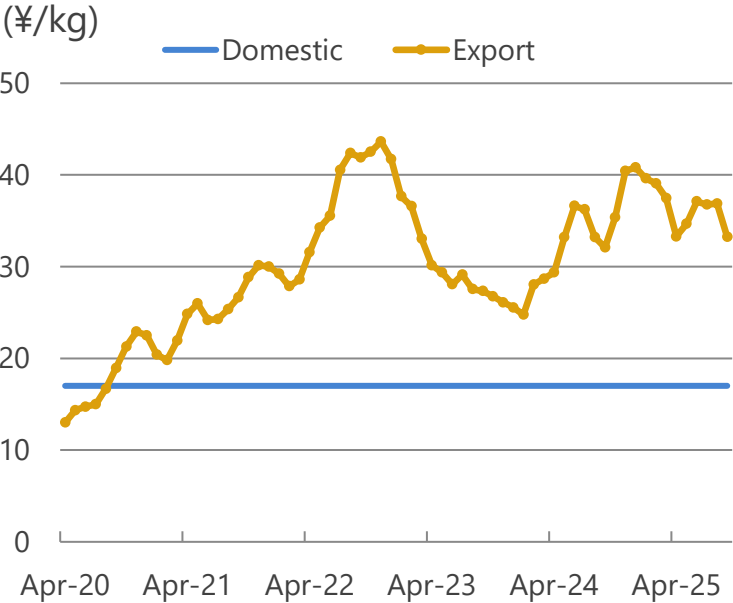
## Containerboard inventory



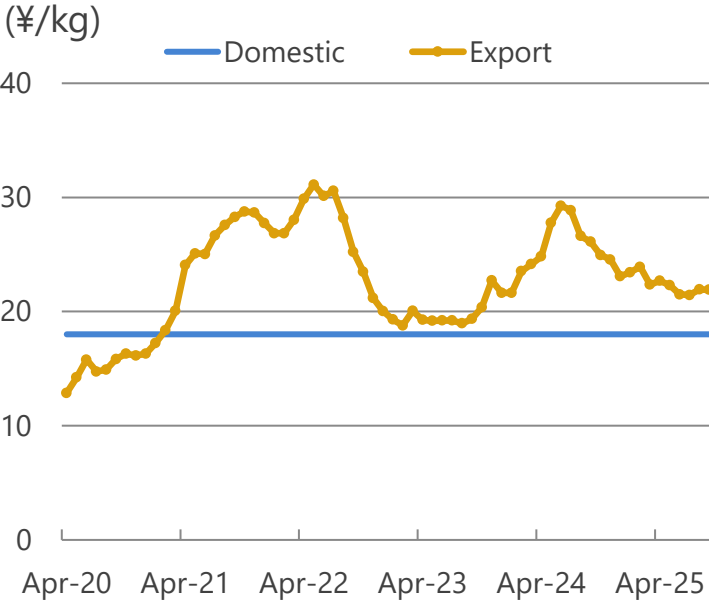
Source: Japan Paper Association, Bank of Japan(Corporate Goods Price Index)

# Reference (Domestic, Global)

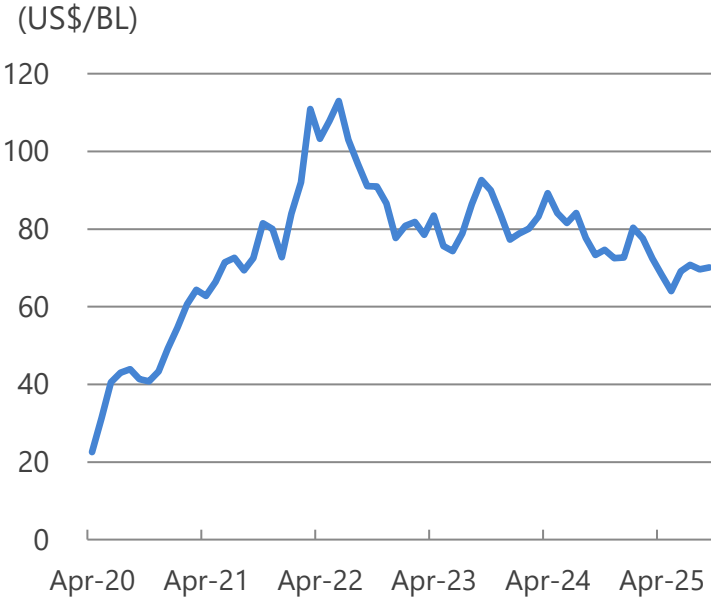
## ONP



## OCC



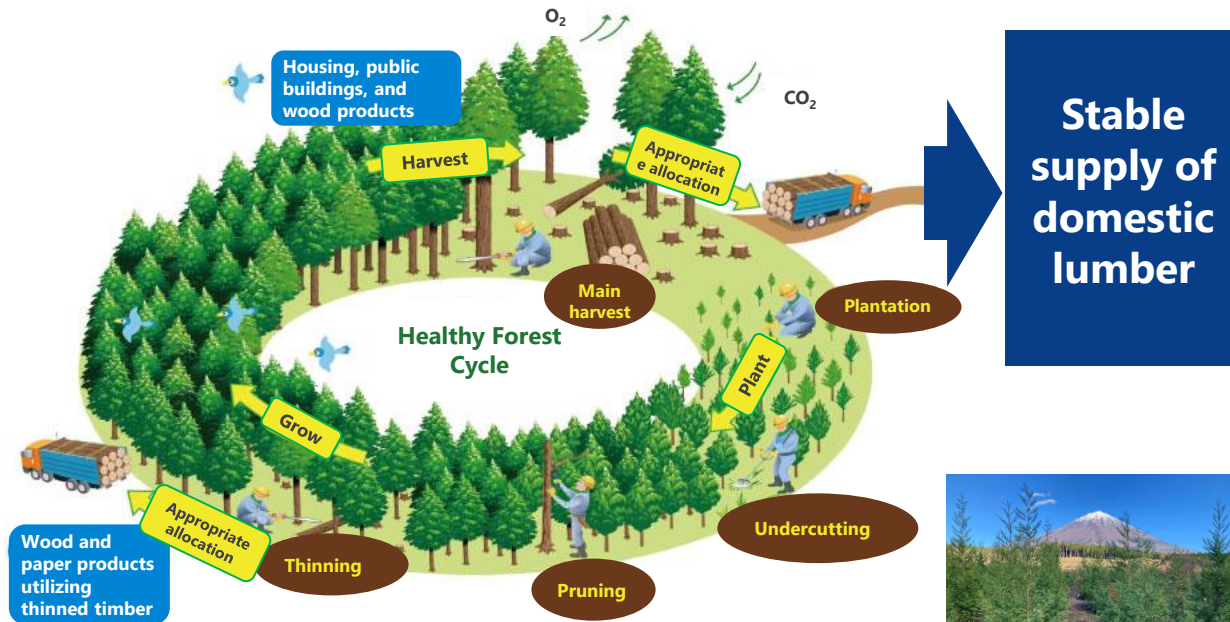
## Crude oil



Source: Wastepaper Revitalization Promotion Centre, Trade Statistics of Japan, Nihon Keizai Shimbun

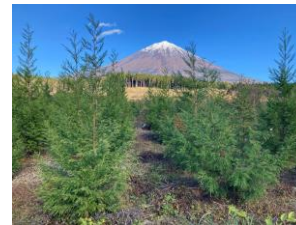
## Support the domestic forestry industry and expand domestic wood business

Supporting the forestry industry through "logging, using, planting, and nurturing" woods



Source of illustration:  
Forestry Agency, "Toward Expansion of Wood Use"

- Elite Tree Business
- Logging and hauling operations
- Utilization of company-owned forests as forestry support fields
- Collaboration with existing supply chain



Elite Tree



Thinning work

## Stable procurement of domestic raw material



**Domestic procurement rate in raw material for papermaking** (FY25/3)

Industry average\* 26%

**Nippon Paper Group 36%**

\* Self-sufficiency rate of wood for pulp and chips: from "Pulpwood Supply and Demand Results" by Japan Paper Association including waste wood chips

## Widespread use of domestic lumber in biomass material projects in the future

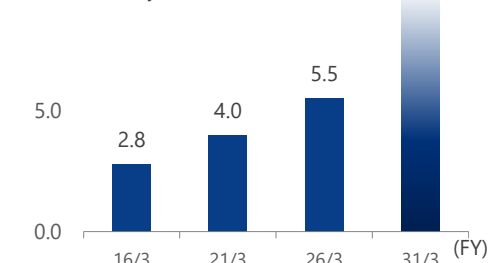
## Expansion of domestic Wood distribution business

## Nippon Paper Lumber to handle 1Mm<sup>3</sup> of domestic wood in FY2026/3



**Wood Products and Construction Related Business Operating Income (Japan)**

10.0 (billion yen)





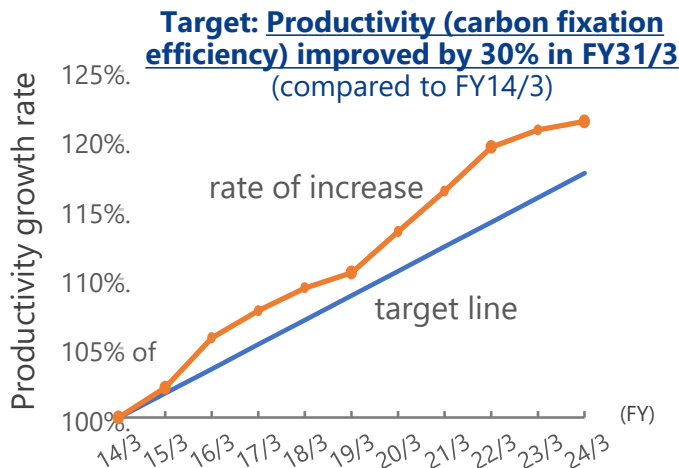
## Expand overseas afforestation business using breeding and propagation technologies

### Further advancement of breeding and propagation technologies

#### Achievements in overseas afforestation areas, mainly in Brazil and Australia

- Shortened the selection period by using genome information(12y to 5y)
- Improved production efficiency and carbon fixation efficiency
- Development of optimal clones for intended use

#### Progress in Productivity Improvement (AMCEL)

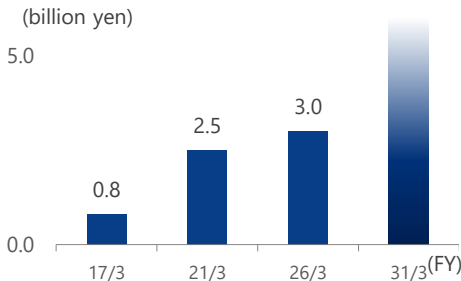


### Expand earnings from afforestation business by improving productivity



AMCEL chip shipping

#### Wood Products and Construction Related Business Operating Income (Overseas)



### Consideration of new technology utilization

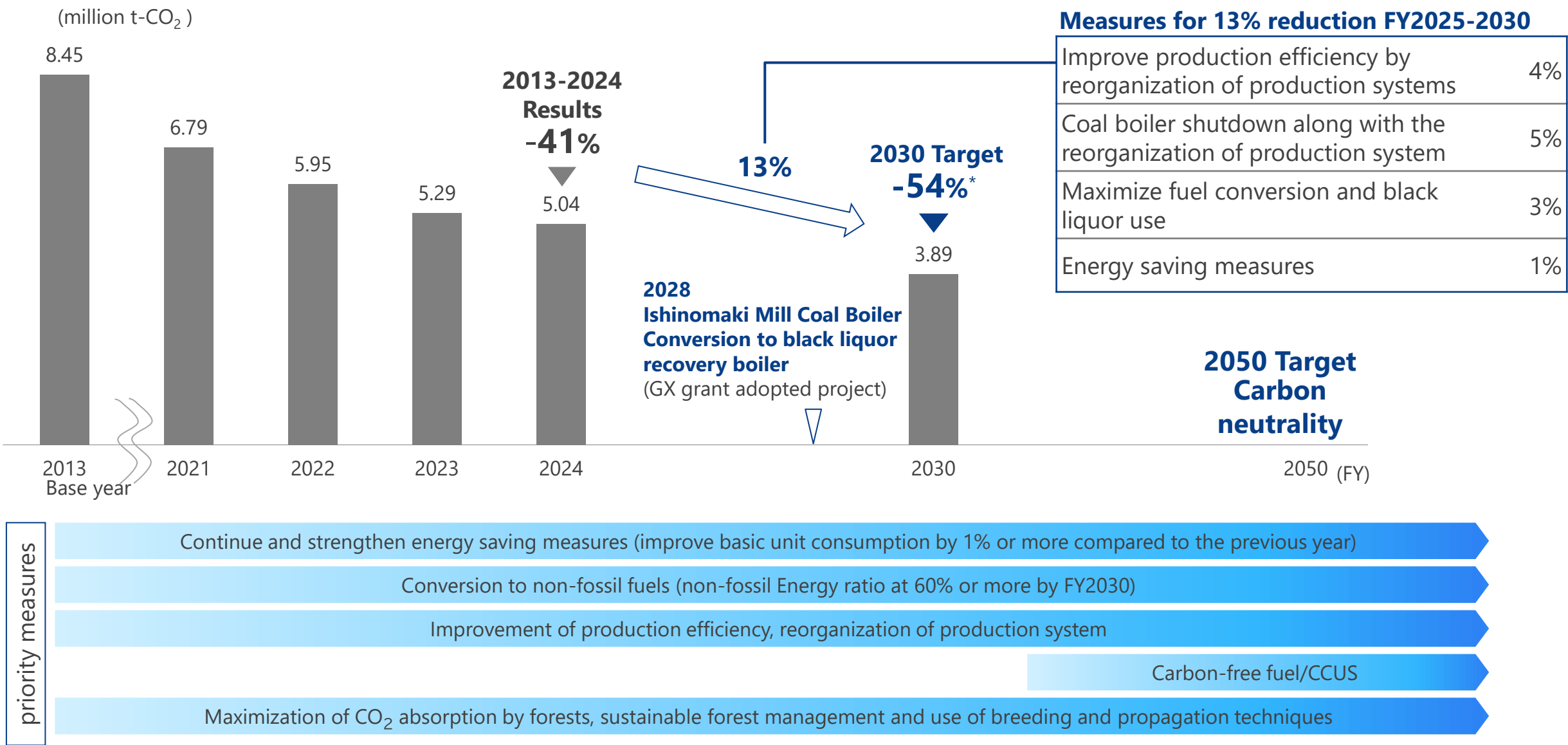
- ✓ Securing resources through technical assistance to other companies' plantation forests
- ✓ Consideration of carbon credit projects
- ✓ High value-added paper and biomass products through optimal cloning



AMCEL afforestation



# GHG Emission Reduction Targets, Results and Plans



\*Emissions related to manufacturing excluding the Energy Business sector

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