

## **Rengo's Group Management Briefing**

May 23, 2024 Rengo Co., Ltd. (TSE: 3941)

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## **1. Expansion of group management platform**

1.		"General Packaging Industry" expands its value-added				
	management platform	creation	creation base			
2.	Results for FY2023 / Forecast for FY2024	2014	Shin Nagoya Factory equipped with one of Japan's largest rack-type seismically isolated automated warehouses completed			
3.	Cash flow allocation in FY2024		Marusan Paper's containerboard machine (PM8) completed Investment in Sun. Tox			
4.	Investment for growth (domestic initiatives)	2016	Acquisition of Tri-Wall Holdings a subsidiary completed			
			Kanazu Mill's PM2 conversion to produce both medium and linerboard completed			
5.	Investment for growth (overseas initiatives)	2018	Acquisition of Toppan Containers (currently RG Containers) shares completed Acquisition of TRICOR Packaging & Logistics and Gutmann Anlagentechnik completed			
		2020				
			Containerboard distribution base Yodogawa Logistics Center commenced Acquisition of Taiko Paper Mfg. completed and kraft pulp and kraft paper businesses started			
		2022	Rengo Europe established in Germany New biomass boiler for power generation installed at Tonegawa Division			
		2024	Ehime Toon Plant relocated from former Matsuyama Plant, starts operation Sun Tox and Mitsui Chemicals Tohcello merged, new company RM TOHCELLO launched			

CV creation

## 2. Results for FY2023 / Forecast for FY2024

- 1. Expansion of group management platform
- 2. Results for FY2023 / Forecast for FY2024
- 3. Cash flow allocation in FY2024
- 4. Investment for growth (domestic initiatives)
- 5. Investment for growth (overseas initiatives)

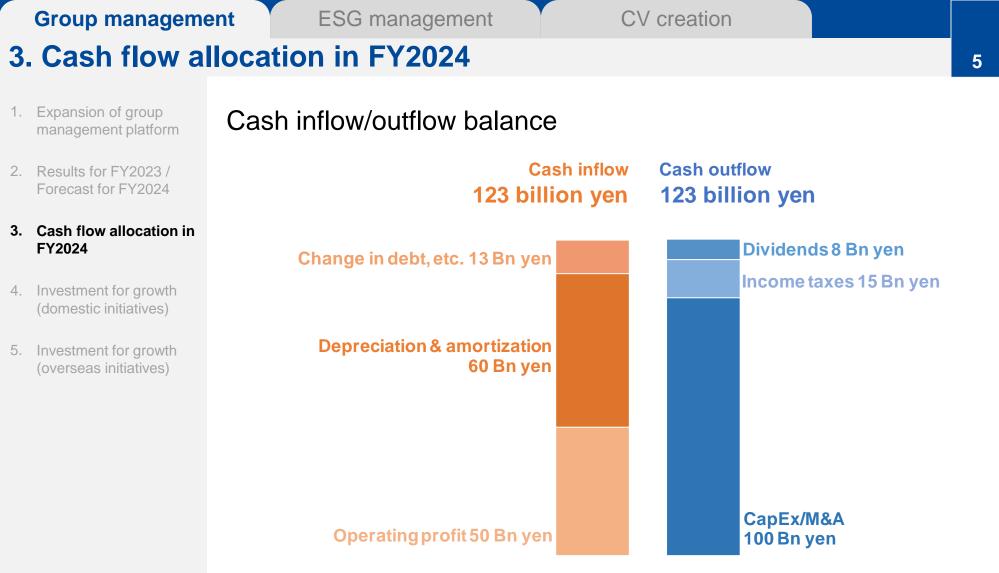
Consolidated results/forecast				
(billion yen)				(billion yen)
FY2023			FY2024	
	F12023		Forecast	YoY diff
Net sales	900.8		1,000.0	<b>99.2</b> +11.0%
Operating profit	48.9		50.0	<b>1.1</b> +2.3%
Ordinary profit	48.0		52.0	<b>4.0</b> +8.4%
Profit attributable to owners of	33.0		35.0	<b>2.0</b> +6.0%

#### **Future outlook**

**Positive factors** Gradual economic recovery, New consolidation effects, Synergy effects from group management, Price revision effects

#### **Risk factors**

Bull raw material and fuel costs, Prolonged trend of yen depreciation, Rising logistics costs, Worsening labor shortage, Downturn in overseas economies



- While fixed costs and other costs increase, profits expected to improve due to a gradual recovery in demand
- Gain medium- to long-term competitive advantage through renewal of aging facilities, human capital investments, DX, M&A, and sustainability investments



## 4. Investment for growth (domestic initiatives)

**ESG** management

New construction/renewal of directly managed corrugated plants

CV creation

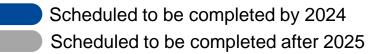
3. Cash flow allocation in

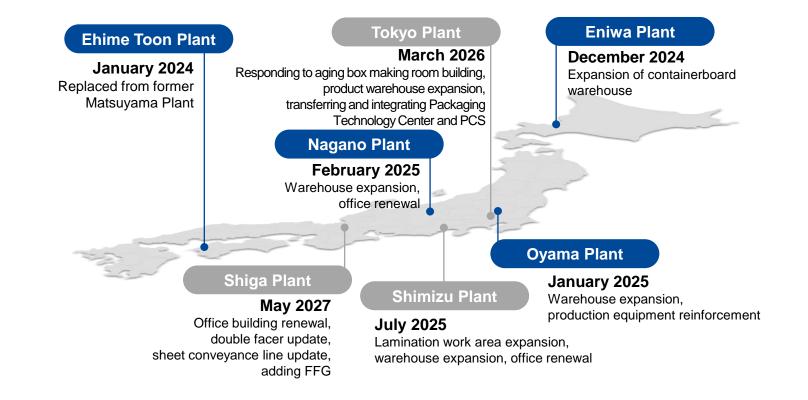
FY2024

Expansion of group management platform

Results for FY2023 / Forecast for FY2024

- 4. Investment for growth (domestic initiatives)
- 5. Investment for growth (overseas initiatives)





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ESG management

CV creation

## 4. Investment for growth (domestic initiatives)

- 1. Expansion of group management platform
- 2. Results for FY2023 / Forecast for FY2024
- 3. Cash flow allocation in FY2024

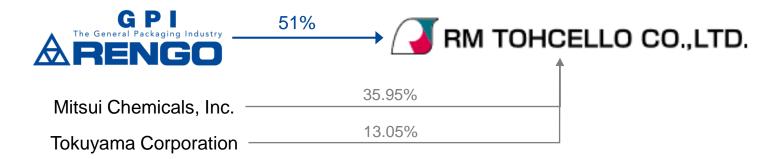
## 4. Investment for growth (domestic initiatives)

5. Investment for growth (overseas initiatives)

#### New company RM TOHCELLO launched

April 1, 2024 Sun. Tox and Mitsui Chemicals Tohcello merge to form a new company RM TOHCELLO

Enhancing the Group's supply system and strengthening development capabilities as a front runner in polyolefin films and foam sheets



#### Overview of RM TOHCELLO Co., Ltd.

Head office	7 Kanda Mitoshiro-cho, Chiyoda-ku, Tokyo, JAPAN	
Capital stock	3,450 million yen	
Business scope	Manufacturing and sales of packaging films and form molded sheets	
Subsidiaries	Shikoku Tohcello Co., Ltd. (Tokushima Prefecture) Tohcello Logistics Co., Ltd. (Tochigi Prefecture) Tohcello Slitter Co., Ltd. (Tochigi Prefecture) Siam Tohcello Co., Ltd. (Thailand)	



## 4. Investment for growth (domestic initiatives)

- Expansion of group management platform
- Results for FY2023 / 2. Forecast for FY2024
- Cash flow allocation in FY2024

#### Investment for growth 4. (domestic initiatives)

Investment for growth 5. (overseas initiatives)





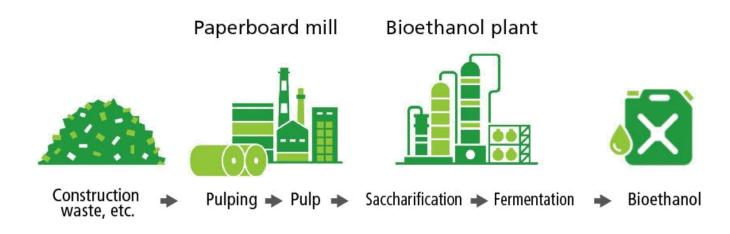
## 4. Investment for growth (domestic initiatives)

- 1. Expansion of group management platform
- 2. Results for FY2023 / Forecast for FY2024
- Cash flow allocation in FY2024
- 4. Investment for growth (domestic initiatives)
- 5. Investment for growth (overseas initiatives)

Second-generation bioethanol production demonstration project in Taiko Paper Mfg.

In partnership with Biomaterial in Tokyo Co., Ltd., a subsidiary since April 2024, commercialization plan of second-generation bioethanol as a raw material for SAF (sustainable aviation fuel) started

Aiming to produce 20,000 kl/year of bioethanol by using unused biomass resources such as construction waste materials



#### **Business portfolio restructuring**

Shutdown of deteriorating No. 1 and No. 2 paperboard machine (special paper, kraft paper) to consolidate production to No. 5 and No. 6 paper machines (kraft paper, etc.) following to upgrading No.5



## 4. Investment for growth (domestic initiatives)

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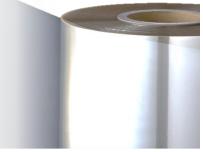
#### **Renewal of Takefu Plant**

Deteriorating cellophane manufacturing equipment gradually to be updated to improve quality by adding a film forming machine which meets the growing need for biodegradable materials from an environmental perspective



The new film forming machine scheduled to start operation at the end of 2026

Production capacity to increase 60% compared to the current level



Takefu Plant

Cellophane

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#### Overview of Takefu Plant

Location	39-1-2 Kamimakara-cho, Echizen-shi, Fukui Prefecture, Japan
Products	Cellophane, coated film, dyed film, viscose-processed paper, porous
	cellulose particles (Viscopearl), etc.
Boiler fuel	Liquefied natural gas (LNG)



## 5. Investment for growth (overseas initiatives)

- Corrugated / heavy duty packaging materials business bases Expansion of group Film packaging business bases management platform Results for FY2023 / Forecast for FY2024 **Takigawa** Corporation Vietnam Cash flow allocation in Howa Packaging, Inc. FY2024 -Howa Taiwan Investment for growth Takigawa Corporation (domestic initiatives) Singapore Takigawa Corporation America 5. Investment for growth (overseas initiatives) Howa Sangyo New company established in Thailand **Siam Tohcello** Acquired Thai business base for high-performance LLDPE adhesive film in RM TOHCELLO Rengo Acquired 30% of the shares in Velvin Containers in India TRICOR New plant construction begun in North Rhine-Westphalia, northwestern Germany **Tri-Wall** Tri-Wall Bozheng Packaging Technology starts operations in its plant in Sichuan Province, China Acquired a 100% stake in GECOINSA, a manufacturer of heavy duty packaging materials in Spain
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## 5. Investment for growth (overseas initiatives)

- 1. Expansion of group management platform
- 2. Results for FY2023 / Forecast for FY2024
- Cash flow allocation in FY2024
- 4. Investment for growth (domestic initiatives)

## 5. Investment for growth (overseas initiatives)

LocationGocher Grenzweg, 47574 Goch,<br/>GermanyProductsHeavy duty corrugated board/boxes

Scheduled for 2025 completion



# Velvin Rengo Containers\* constructs new<br/>plant in India\*Rengo's investment ratio = 30%

LocationCheyyar, Tamil Nadu (95 km southwest<br/>of Chennai)<br/>SIPCOT (State Industries Promotion<br/>Corporation of Tamil Nadu Ltd)<br/>Industrial ParkProductsCorrugated products

Date of operation March 2024 started





## 6. Environmental initiatives in ESG management

- 6. Environmental initiatives in ESG management
- Sustainability investment

   roadmap to reducing
   GHG emissions
- 8. Establishing a sustainable value chain
- Promoting ESG management with the aim of SDGs

"Less is more."

**GHG** emissions reduction target

Planned environmental investment of

approximately **70** billion yen to steadily achieve target FY2030

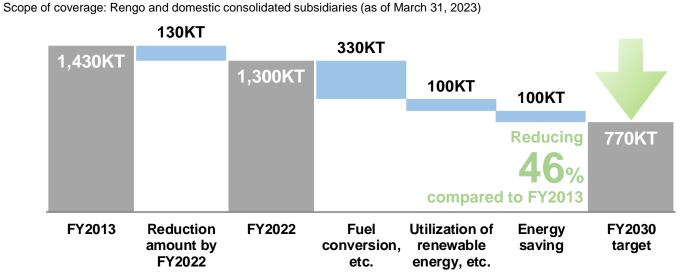
46% reduction compared to FY2013

Creating greater value with less resources - "Less is more." is the key phrase for environmental management and packaging manufacturing, aiming to achieve the targets of "Eco Challenge 2030" so that realize a sustainable society and further improve the Group's value



## 7. Sustainability investment – roadmap to reducing GHG emissions

- 6. Environmental initiatives in ESG management
- Sustainability investment – roadmap to reducing GHG emissions
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Gases subject to reduction: GHG emissions (adjusted emissions based on the Act on Promotion of Global Warming Countermeasures)

#### Key investments leading to emissions reductions

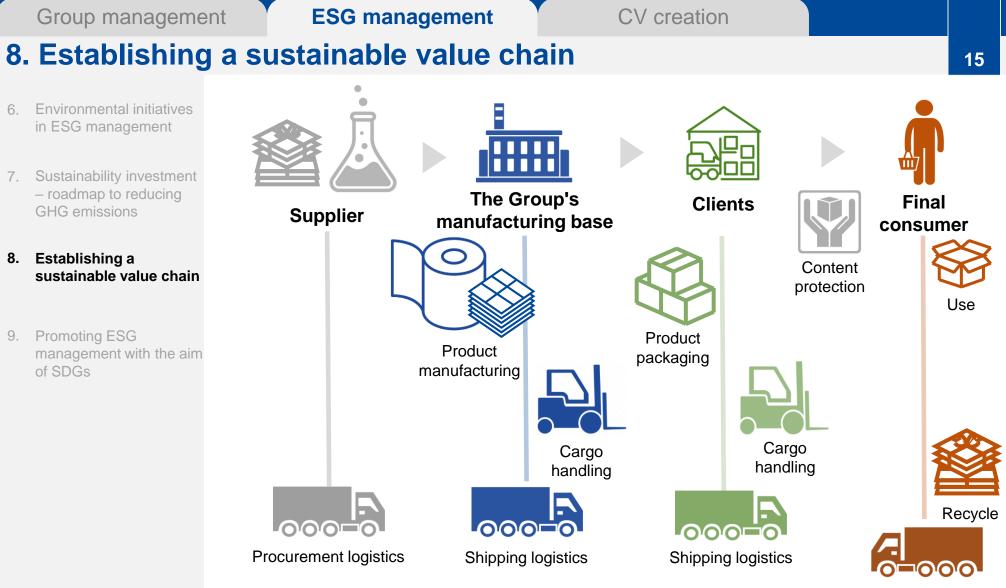
Completion (planned)	Bases/equipment	Possible reduction	Investment amount
year		amount	(billion yen)**
2022	Biomass boiler, Tonegawa Div.	90 KT	9.0
2023	Gas engine, Tonegawa Div.	9 KT	3.5
2024	No.5 machine modification, Taiko Paper Mfg	20 KT	6.5
2025	Fuel conversion from coal to LNG, Kanazu Mill	130 KT	9.5
2026	No.2 biomass boiler, Yashio Mill	25 KT	9.0
	Fuel conversion from coal to LNG, Marusan Paper Mfg.	48 KT	9.5
2027	Bioethanol production equipment, Taiko Paper Mfg.	9 KT	15.5

Biomass boiler at Tonegawa Div.



\*\* Approximate total amount before subsidy deduction as of May 2024

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**Reverse** logistics

Establishing a value chain that secures sustainable and stable supply of products through the system which integrates containerboard and corrugated packaging, as well as film and flexible packaging

## 9. Promoting ESG management with the aim of SDGs

- Environmental initiatives in ESG management
- Sustainability investment

   roadmap to reducing
   GHG emissions
- 8. Establishing a sustainable value chain
- 9. Promoting ESG management with the aim of SDGs



Digital transformation (DX)



**Environmental impact reduction** 



Diversity and inclusion (D&I)



**Appropriate transactions** 



Legal compliance

SUSTAINABLE DEVELOPMENT GALS

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Fulfill our corporate social responsibility in our business activities

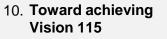
We will fulfill our corporate social responsibility in our business activities by further advancing ESG management, including environmental impact reduction, promoting D&I (diversity and inclusion), conducting appropriate transactions, and legal compliance, while keeping an eye on the SDGs and proactively working on DX.



Overseas Operations

**RENGO** GROUP **CV** creation

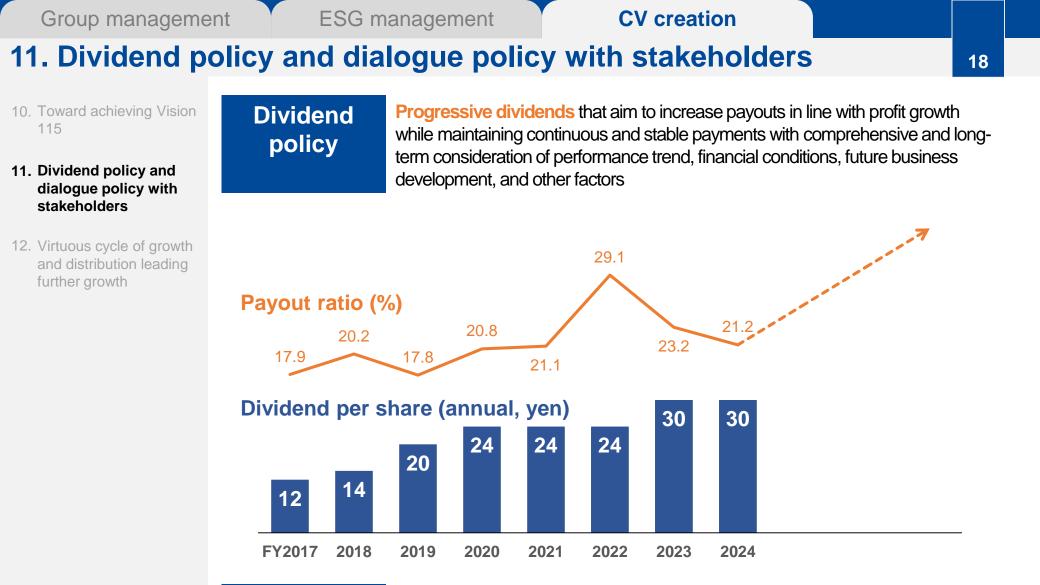
## **10. Toward achieving Vision 115**



- 11. Dividend policy and dialogue policy with stakeholders
- 12. Virtuous cycle of growth and distribution leading further growth



With the aim of becoming the world's best general packaging manufacturer group as a "packaging provider," toward achieving the Vision 115 medium-term vision ending in FY2024 which marks the 115th anniversary of the Company's founding, we are striving to ensure the desirable scale and profitability for each core business within our hexagonal business structure.



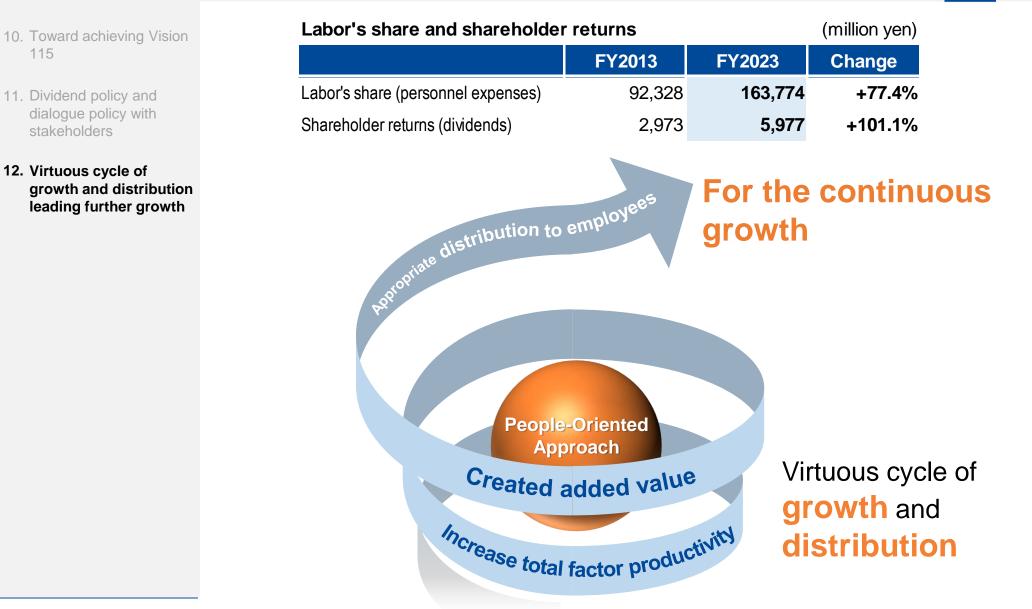
Working to improve corporate value sustainably through constructive dialogue with stakeholders



Dialogue

policy

## 12. Virtuous cycle of growth and distribution leading further growth <sup>19</sup>



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### The General Packaging Industry RENGO



The description of the business plan and the financial forecasts is based on the information currently available. Any forward-looking information is not a guarantee of future performance.

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