

Eco Challenge 2030

Core issue	Item	Indicator	FY3/2024			FY3/2025 target	FY3/2031 target	Scope
			Target	Result	Evaluation			
Creation of a carbon-free society	Greenhouse gas emissions reductions	CO ₂ emissions derived from fossil energy (compared to FY3/2014)	10% reduction	14.5% reduction	✓	—	—	Rengo on a non-consolidated basis and consolidated subsidiaries in Japan subject to the Act on the Rational Use of Energy*4
		NEW Greenhouse gas emissions*1 (compared to FY3/2014)	—	—	—	13% reduction	46% reduction	Rengo on a non-consolidated basis and consolidated subsidiaries in Japan (excluding non-manufacturing sites such as offices, warehouses, etc.)
Improvement of energy efficiency	Efficient energy usage	Energy intensity (5-year average)	1% reduction per year	0.7% reduction per year	×	1% reduction per year	1% reduction per year	Rengo on a non-consolidated basis and consolidated subsidiaries in Japan subject to the Act on the Rational Use of Energy*4
Creation of a recycling-oriented society	Effective use of resources	Recovered paper utilization rate for paperboard	98% or more	98.6%	✓	98% or more	NEW 99% or more * With the deadline being FY3/2028	Rengo on a non-consolidated basis and paperboard manufacturing sites of consolidated subsidiaries in Japan
		NEW Increased use of unused materials	—	—	—	Aim to procure unbleached pulp sourced from unused materials in Japan	Aim to procure unbleached pulp sourced from unused materials in Japan * With the deadline being FY3/2028	Rengo on a non-consolidated basis and paperboard manufacturing sites of consolidated subsidiaries in Japan
	Reduction of waste volume	Effective utilization rate of waste	98% or more	98.6%	✓	98% or more	99% or more	Rengo on a non-consolidated basis and manufacturing sites of consolidated subsidiaries in Japan*4
Creation of products that solve environmental issues and social issues	Development and promotion of products made with biodegradable cellulose	Viscopearl® (cellulose bead) production volume	65 t/year or more	59.1 t/year	×	65 t/year or more	200 t/year or more	Rengo on a non-consolidated basis
	Development and promotion of sustainable packaging through collaboration with suppliers	Identification and selection of sustainable packaging	Identify and select sustainable packaging	Continued consideration toward FY3/2026	×	—	—	Rengo on a non-consolidated basis
	Packaging weight reduction	Average grammage of corrugated board (basis weight per square meter)	0.5% reduction per year	0.8% reduction per year	✓	0.5% reduction per year	0.5% reduction per year	Rengo on a non-consolidated basis and corrugated board manufacturing sites of consolidated subsidiaries in Japan*4
Water risk management	Water risk assessment and risk reduction	Consideration of water risk policies (With the deadline being FY3/2024)	Determine water risk management policies at each site	Formulated the water usage target as response to water resource risks	✓	—	—	Rengo on a non-consolidated basis and manufacturing sites of consolidated subsidiaries in Japan and overseas*5
		NEW Water usage per unit production*2 (compared with FY3/2022)	—	—	—	16% reduction	22% reduction	Rengo on a non-consolidated basis and manufacturing sites of consolidated subsidiaries in Japan*4
Value chain management (downstream)	Logistics efficiency improvement in transportation of products	Per-unit CO ₂ emissions from the transportation of corrugated board/boxes*3 (compared to FY3/2014)	4% reduction	1.6% reduction	×	3.5% reduction	13% reduction	Rengo on a non-consolidated basis

*1 Greenhouse gas emissions after adjustment based on the Act on Promotion of Global Warming Countermeasures *2 Water usage divided by net sales

*3 CO₂ emissions during transportation by truck divided by sales volume *4 Excluding subsidiaries of consolidated subsidiaries in Japan

*5 Excluding subsidiaries of consolidated subsidiaries in Japan and overseas