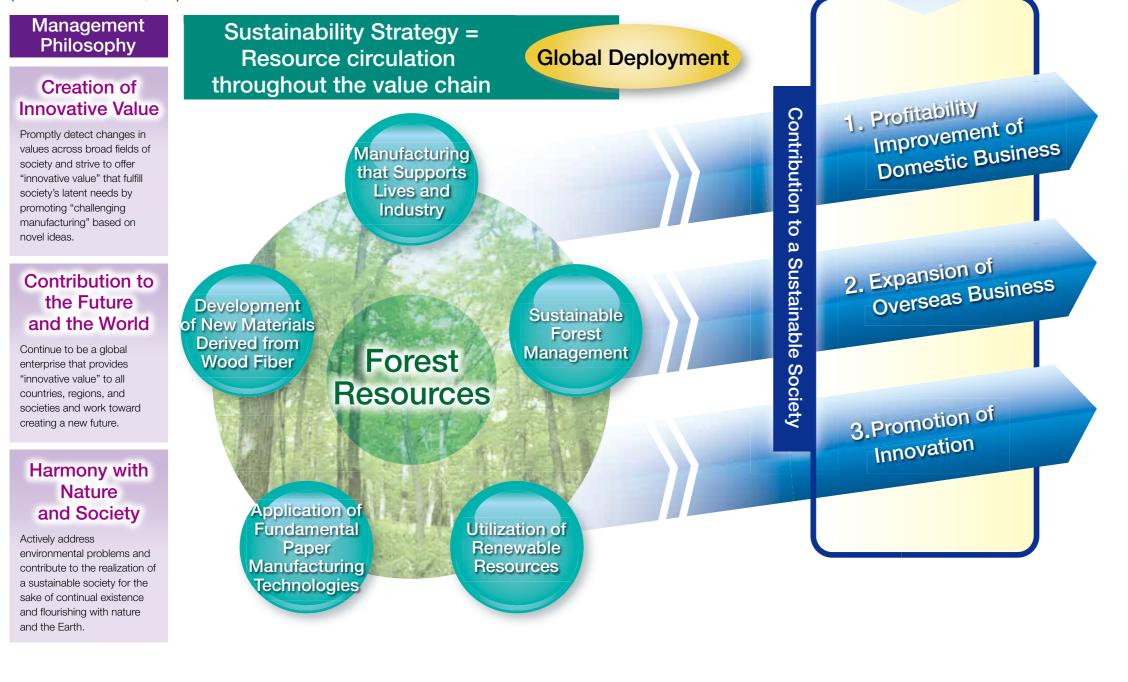
Value Creation Model

Under the management philosophy of "Creation of Innovative Value," "Contribution to the Future and the World" and "Harmony with Nature and Society," the Oji Group is striving to ensure that its business itself contributes to a sustainable society by deploying the sustainability strategy globally. The Group sets "Contribution to a Sustainable Society" as the foundation of our FY2019 to FY2021 Medium-term Management Plan and provides various values to society and contributes to the genuine enrichment of society by steadily implementing the three pillars of "Profitability Improvement of Domestic Business," "Expansion of Overseas Business," and "Promotion of Innovation."

[Sustainability Strategy]

The Oji Group will promote "resource circulation throughout the value chain" through five core competencies centered on forest resources.

Five core competencies: "Manufacturing that Supports Lives and Industry," "Sustainable Forest Management (forest recycling)," "Utilization of Renewable Resources (water recycling, paper recycling)," "Application of Fundamental Paper Manufacturing Technologies (deployment of renewable energy such as biomass power generation)" and "Development of New Materials Derived from Wood Fiber (cellulose nano-fibers, etc.). "



Management Strategies

Medium-term

Management Plan

(FY2019-2021)

Corporate Profile

What the Oji Group Aims For

Management Strategy

Financial Highlights and Non-financial Highlights

enrichment of society

Contribution to

the

genuine

Business Strategy

Governance

Environment

Financial Informatior

Value provided to society through business

Forest conservation

Responsible production and consumption forms

Supply of safe and secure products

Transfer of technologies to emerging countries

Solutions to the issue of plastic in the ocean

Shift from fossil fuels to non-fossil fuels

Mitigation of climate change

Safe water supply

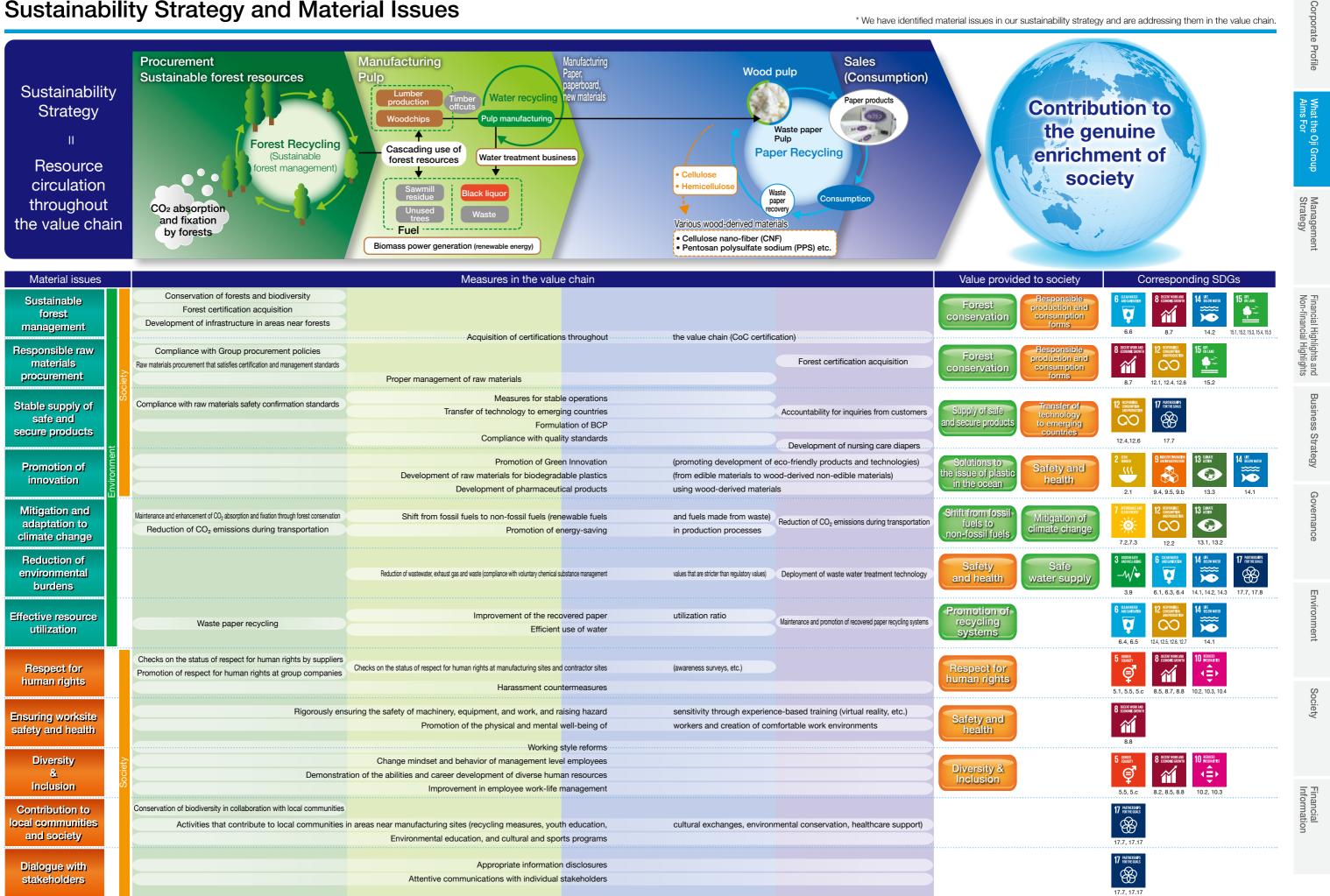
Promotion of recycling systems

Respect for human rights

Safety and health

Diversity & Inclusion

Sustainability Strategy and Material Issues



Material Issues and KPI

				1
Material issues	Qualitative target*1	Key performance indicators (KPI)*1 (Unless otherwise specified, until 2030)	Current value*1 (Unless otherwise specified, as of the end of March 2019)	
Sustainable forest management	 Increase the rate of overseas forest certification acquisition (maintain the domestic rate at 100%) Increase overseas forest plantations 	Seek 100% rate of forest certification acquisition for all forest plantations 400,000 ha* ² of overseas forest plantations	Rate of forest certification acquisition [Japan] 100% (excluding profit sharing forests); [overseas] 85% 250,000 ha of overseas forest plantations	· [Japan] Fo ÷ l · [Overseas]
Responsible raw materials procurement	Procure raw materials in accordance with Group Procurement Guidelines and implement supply chain management			
Stable supply of safe and secure products	Continue zero product liability accidents	· Zero product liability accidents (each fiscal year)	Zero product liability accidents (continued from 1998)	
Promotion of innovation	· Commercialize eco-friendly products			
Mitigation and adaptation to climate change	 Reduce GHG*³ emissions intensity Maintain and expand CO₂ absorption and fixation through forest conservation Maintain and expand the shift to non-fossil fuels Use energy efficiently 	 Reduce GHG emissions intensity from product manufacturing by at least 10% compared to FY2013 by FY2020 Fix at least 170 million tons of CO₂ (estimated value) Reduce energy consumption intensity by at least 1.0% compared to the previous fiscal year 	 GHG emissions intensity: 9.0% reduction from FY2013 CO₂ fixation amount: 120 million tons Energy consumption intensity: 1.4% reduction compared to the previous fiscal year 	• CO ₂ fixatio FY2018 × ratio 0.5 × *BDT: Bone o
Reduction of environmental burdens (atmosphere, water, waste)	Reduce waste Acquire environmental certification (ISO 14001, etc.)	 Achieve effective waste utilization ratios of at least 99% in Japan and at least 95% overseas (2020) 	Effective waste utilization ratio [Japan] 98.3% [Overseas] 89.6%	Effective w landfill was
Effective resource utilization	Improve the recovered paper utilization ratio Reduce water usage intensity	 Recovered paper utilization ratio of at least 65% in Japan Reduce water usage intensity accompanying product manufacturing by at least 1% from the previous year 	Recovered paper utilization rate: 64.0% Water usage intensity: Down 0.8% from FY2017	Recovered volume of paper, woo
Respect for human rights	Reinforce human rights management systems (particularly at overseas sites)			
Ensuring worksite safety and health	 Eliminate fatal accidents Reduce the lost time injury frequency rate (LTIFR)*4 Reinforce safety risk management systems and safety education at overseas offices 	 Zero fatal accidents (each fiscal year) Reduced the lost time injury frequency rate (LTIFR) by 50% compared to 2018 	Number of fatal accidents: 0 (consolidated companies) Lost time injury frequency rate (LTIFR): 0.55 (consolidated companies, January 1 to December 31, 2018)	Lost time i casualties
Diversity & Inclusion	 Globalize the workforce (The following apply to Japan) Raise the percentage of female managers Raise the percentage of disabled employees Improve work-life management 	 Percentage of female managers [Japan] 10% (6% in 2020) Percentage of disabled employees [Japan] 2.34% (2021) 	Percentage of female managers [Japan] 3.1% (16 Oji Group companies) Percentage of disabled employees [Japan] 1.83% (as of June 2018)	Percentage all manage Percentage workers wi Number of * Workers wi * Persons wit
Contribution to local communities and society	Conduct environmental education Promote cultural and sports activities			
Dialogue with stakeholders	Transparent and appropriate disclosures via websites and integrated reports			

*1 Unless otherwise specified, Japanese and overseas consolidated companies *2 ha = 10,000m² *3 Greenhouse Gas

*3 Greenhouse Gas
*4 Lost time injury frequency rate (LTIFR)

(1) Covered period: January 1 to December 31
(2) Number of deaths and injuries due to occupational accidents per million working hours (fatal accidents and accidents with at least one day off)
(3) Total working hours are calculated based on the number of group company employees (regular employees and temporary / non-regular employees) as of the end of September every year, assuming the annual working hours per person is 2,000 hours.
(4) The frequency rate calculation does not include accidents at overseas group companies that are determined to be at the level of accidents accompanied by injuries without lost work days in Japan based on standards established by the Company.

KPIs are	set for	each	material	issue

Corporate Profile

Calculation formula	What th Aims Fo
Forest certification acquisition rate = Certification acquisition area (ha) - Managed and owned areas excluding profit sharing forest (ha) IS Forest certification acquisition rate = Certification acquisition area (ha) ÷ Planted area (ha)	What the Oji Group Aims For
	Management Strategy
	ent
tion amount (CO ₂ tons) = Residual cumulative volume m ³ at end of × Biomass expansion factor 1.7 × Bulk weight BDT/m ³ × Carbon × CO ₂ conversion factor 44/12 e dry tons	Financial Highlights and Non-financial Highlights
waste utilization ratio = (Volume of waste generated - Volume of aste) \div Volume of waste generated \times 100	Business Strategy
ed paper utilization ratio = Volume of paper consumed ÷ Total of fiber raw materials consumed (total consumption of recovered ood pulp, and other fiber raw materials)	trategy
	Go
	Governance
e injury frequency rate (LTIFR) = (Number of occupational accident is \div Total work hours) \times 1,000,000	
	Envir
age of female managers = Number of female managers ÷ Number of gers age of disabled employees (employment rate) = Number of regular with physical or intellectual impairments or with mental illness ÷ of all regular workers	nvironment
with short working hours are counted as 0.5 workers with severe disabilities are counted as two persons	
	Society

Financial Information