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● Environmental data

-  [→P23](#) Forest Certification
-  [→P27](#) GHG Emissions (Scope 3)
-  [→P27](#) Ratio of Fossil Energy Usage
-  [→P41](#) Waste Generated and Final Waste Disposal
-  [→P46](#) Environmental Accounting
-  [→P47](#) Balance of Materials
-  [→P47](#) GHG Emissions (Scope 1 and 2)
-  [→P47](#) Emissions by type of greenhouse gas (Scope 1)
-  [→P47](#) Energy Input
-  [→P47](#) Water Intake (Water Consumption) / Waste Water
-  [→P47](#) COD / BOD

● Social data



-  [→P23](#) Forest Certification
-  [→P57](#) Status of Use of Systems Related to Childbirth, Childcare, and Nursing Care
-  [→P57](#) Total Working Hours / Rate of Taking Annual Paid Leave
-  [→P58](#) Employment Rate of People with Disabilities
-  [→P59](#) Number of Employees
-  [→P59](#) Number of Overseas Employees / Number of Employees by Region
-  [→P59](#) Number of Employees by Age Group
-  [→P59](#) Average Age of Employees / Average Years of Employment
-  [→P59](#) Number of Hires / Turnover Rate / Retention Rate after Joining the Company
-  [→P60](#) Ratio of Female Employees in Management
-  [→P60](#) The wage gap between male and female regular employees
-  [→P62](#) Training Time / Training Costs
-  [→P66](#) Lost-time Injury Frequency Rate / Occupational Accident Severity Rate
-  [→P68](#) Social Contribution Activity Expenses

● Governance data

-  [→P03](#) Number of Board of Directors Meetings Held / Average Rate of attendance
-  [→P05](#) Number of Female directors / Number of Female audit & supervisory board members
-  [→P05](#) Number of Outside Directors / Number of Outside Audit & Supervisory Board Members
-  [→P07](#) Remuneration for Directors

Other Data

Main External Evaluation (Nippon Paper Industries)

Evaluations	Acquisition year	Organizers, evaluation groups, and others
"Kurumin" mark acquired 	2016	Ministry of Health, Labour and Welfare
Eruboshi Certification (Stage 2 certification) acquired 	2022	Ministry of Health, Labour and Welfare
Rated 4 stars in the 4th Nikkei SDGs Management Survey 	2022	Nikkei Inc.
Awarded EcoVadis gold medal 	2021 2022	EcoVadis
DBJ Environmental Rating: "Efforts in consideration of the environment are particularly advanced"* 	2018	Development Bank of Japan Inc.
ESG / SDGs evaluation-type found procurement Top level "AAA" 	2018	Sumitomo Mitsui Banking Corporation

* In November 2018, the Company received an environmental rating loan from the Development Bank of Japan (DBJ), and the rating result was evaluated as "Efforts in consideration of the environment are particularly advanced."

Main ESG Indices Adopted (As of June 2023)



2022 CONSTITUENT MSCI JAPAN EMPOWERING WOMEN INDEX (WIN)



Nikkei Climate 1.5°C Target Index
Morningstar Japan ex-REIT Gender Diversity Tilt Index
S&P Japan 500 ESG Index

Participation in Initiatives

Initiatives	Organizer	Year of Participation
United Nations Global Compact	—	2004
GX League Basic Concept	Ministry of Economy, Trade and Industry of Japan	2022
TCFD(Task Force on Climate-related Financial Disclosures)	—	2021
Committee on Nature Conservation	KEIDANREN (Japan Business Federation)	1992
Japan Partnership for Circular Economy	KEIDANREN (Japan Business Federation)	2021
Initiative for Biodiversity Conservation	KEIDANREN (Japan Business Federation)	2021

Principal Organization Memberships (As of July 2023)

Organization	Position
Japan Paper Association	Vice Chairman
Japan Tappi	President
Forest Management Association	Director
Japan Woody Bioenergy Association	Director
Agricultural Resource Certification Council	Director
Paper Recycling Promotion Center	Vice President
Japan Paper Exporters' Association	President
Japan Paper Importers' Association	Director
Japan Association of Milk Packaging and Machinery	Vice Chairman
Committee for Milk Container Environmental Issues	Vice Chairman
Association of Large-scale On-site Power-plant Owners	Director
NanoCellulose Japan	Chairman
Japan Clean Ocean Material Alliance	Executive Secretary

Political Contribution Amount (Nippon Paper Industries)

	FY2020	FY2021	FY2022
Political contribution amount (thousand yen)	35	100	7

Other Data

Status of CoC Certification Acquisition at Main Production Sites (As of July 31, 2023)

Company name	FSC*		PEFC
	Mill, production company	License no.	Mill, Production company
Nippon Paper Industries	Asahikawa Mill	FSC*C001751	—
	Shiraoi Mill		Shiraoi Mill
	Ishinomaki Mill		Ishinomaki Mill
	Iwakuni Mill		Iwakuni Mill
	Yatsushiro Mill		Yatsushiro Mill
	Iwanuma Mill		—
	Akita Mill		Akita Mill
	Nakoso Mill	FSC*C020977	—
	Soka Mill	FSC*C133163	—
	Ashikaga Mill		—
	Fuji Mill Yoshinaga, Fuji	FSC*C133678	Fuji Mill Yoshinaga
	Otake Mill	FSC*C132226	Otake Mill
	Gotsu Mill	FSC*C154187	—

Company name	FSC*		PEFC
	Mill, production company	License no.	Mill, production company
Other Nippon Paper Group Companies	Nippon Paper Papylia Harada Mill, Suita Mill, Kochi Mill	FSC*C005984	Nippon Paper Papylia Harada Mill, Suita Mill, Kochi Mill
	Nippon Paper Crecia Kaisei Mill, Koyo Mill, Kyoto Mill, Tokyo Mill	FSC*C124287	—
	Nippon Dynawave Packaging	FSC*C131932	Nippon Dynawave Packaging
	Siam Nippon Industrial Paper	FSC*C135609	—
	Jujo Thermal	FSC*C012566	Jujo Thermal
	Opal Opal Bag Solutions Thomastown	FSC*C127957	Opal Opal Bag Solutions Thomastown
	Opal Bag Solutions Revesby		Opal Bag Solutions Revesby
	Opal Functional Coatings Campbellfield		Opal Functional Coatings Campbellfield
	Opal Cartons NZ Auckland		Opal Cartons NZ Auckland
	Opal Cartons NZ Christchurch		Opal Cartons NZ Christchurch
	Opal Cartons Christchurch		Opal Cartons Christchurch
	Opal Cartons Botany		Opal Cartons Botany
	Opal Cartons Heidelberg		Opal Cartons Heidelberg
	Opal Cartons Regency Park		—
	Opal Fibre Packaging Brooklyn		Opal Fibre Packaging Brooklyn
	Opal Fibre Packaging Scoresby		Opal Fibre Packaging Scoresby
	Opal Fibre Packaging Launceston		Opal Fibre Packaging Launceston
	Opal Fibre Packaging Revesby		Opal Fibre Packaging Revesby
	Opal Fibre Packaging Townsville		Opal Fibre Packaging Townsville
	Opal Fibre Packaging Rocklea		Opal Fibre Packaging Rocklea
	Opal Fibre Packaging Athol Park		Opal Fibre Packaging Athol Park
	Opal Australian Paper Maryvale Mill		FSC*C002059
	Opal Australian Paper Preston	Opal Australian Paper Preston	
	Opal Packaging Australia Botany Mill*	FSC*C113466	—
	—	—	Opal Kiwi Packaging Auckland
	—	—	Opal Kiwi Packaging Christchurch
	—	—	Opal Kiwi Packaging Hastings
	TS Plastics	FSC*C181943	—

* Opal Paper and Recycling Botany Mill site