DNP

DNP Group Environmental Report 2025

DNP Group Environmental Report 2025

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Editorial Policy

- The *DNP Group Environmental Report 2025* was created to announce all of the environmental activities of the DNP Group, and is based on the Environmental Reporting Guidelines (2018 Edition) issued by Japan's Ministry of the Environment.
- The *DNP Group Environmental Report 2025* is published in a page format designed to be easy to read on the Web.
- Some of the data contained in this report has been assured by LRQA Limited to ensure its reliability. A tick mark ☑ has been attached to each one of the indicators that have been assured by LRQA Limited.

Period covered by this report

This report focuses on activities carried out in the period of April 1, 2024 to March 31, 2025. It may also include reporting on important items not occurring within this period. The report also covers activities carried out at some overseas business locations in the period of January 1, 2024 to December 31, 2024.

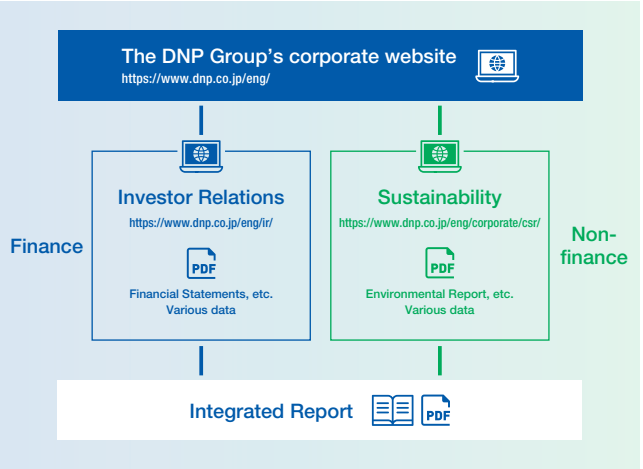
Scope of environmental data

Environmental data was applied to Dai Nippon Printing Co., Ltd. and to all domestic companies in the Group that are subject to consolidated financial accounting. Manufacturing bases of 25 domestic manufacturing companies (see pages 38-39), the non-manufacturing sites (three development centers, office buildings, sales offices, etc.) of all domestic Group companies and our overseas manufacturing companies (see page 40) were included in the scope. However, the scope of tabulation for the reduction of environmental pollutants, reduction of environmental impact incurred during transport and activities at offices covers operations in Japan.

The data from DNP Hikari Kinzoku Co., Ltd., DNP High-performance Materials Hikone Co., Ltd. which was acquired as a subsidiary in FY2024, will be included in the consolidated results starting in FY2025.

In this report "DNP" indicates the DNP Group and is differentiated from Dai Nippon Printing Co., Ltd.

DNP Group's Information Disclosure



About the cover design

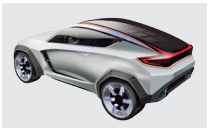
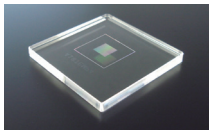
The photo on the cover shows a Japanese maple grown at DNP's Ichigaya no Mori (Ichigaya Forest). When the spring comes, the tree produces lovely red blossoms as seen in the photo. Seeds with two wings fly away from the tree, spinning like a propeller as they fall.

Issued
October 2025 (Next scheduled issue: October 2026)

Corporate Profile (As of March 31, 2025)

Company Name: Dai Nippon Printing Co., Ltd.
Head Office: 1-1, Ichigaya Kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001, Japan
Tel: +81-3-3266-2111
Website: https://www.dnp.co.jp/eng/
Established: October 1876
Incorporated: January 1894
Paid-in Capital: ¥114,464 million

Number of Employees: 36,890 (Consolidated); 9,785 (Non-consolidated)
Financial Data: (FY ended March 2025)
Consolidated Net Sales ¥1,457.6 billion (up 2.3% year-on-year)
Consolidated Operating Income ¥93.6 billion (up 24.1% year-on-year)
Consolidated Ordinary Income ¥115.9 billion (up 17.4% year-on-year)
Net income attributable to shareholders of the parent ¥110.6 billion

Business segments:	Percentage of total sales			
Smart Communication Businesses related to imaging communications, information security, XR (extended reality) communication and content, marketing, publishing, and education	49.0%	 Hybrid bookstore network “honto”	 Smart cards	 Photo-related services and solutions
Life & Healthcare Businesses related to highly functional materials for mobility and industry, medicine and healthcare, packaging, and living spaces, and beverage business	34.0%	 Environmentally conscious packaging	 Curved resin glazing	 Interior and exterior decoration sheets
		 Battery pouches for lithium-ion batteries	 Medical health	 Beverages
Electronics Businesses related to digital interfaces and semiconductors	17.0%	 Semiconductor photomask	 Master template for nanoimprinting	 Before After System materials for LCD backlights

Message from the President about Environmental Initiatives

Always bearing in mind the coexistence of its business activities and the global environment, DNP is promoting eco-conscious activities across our entire supply chain. As various issues have recently been escalating, such as climate change, ocean pollution, and the loss of biodiversity in particular, we formulated DNP Group Environmental Vision 2050 in March 2020, aiming to accelerate our efforts to achieve a decarbonized, recycling-oriented society in harmony with nature. This vision is key to the enhancement of environmental, social, and economic sustainability, which will drive the Group's long-term growth and contribute to a nature-positive future. Additionally, we are reinforcing the efforts of the Sustainability Committee, which I chair. Our focus is on identifying and assessing potential risks while transforming them into strategic business opportunities.

As the results of our proactive environmental activities, we achieved our FY2025 targets for all of our environmental indicators in FY2023. Regarding the reduction of greenhouse gas (GHG) emissions, which we are especially focused on, we expect we will achieve our FY2030 targets earlier than planned. We are working to be still more proactive. For example, we updated our environmental targets in April 2024.

To realize a decarbonized society, we have committed to reaching net zero GHG emissions from our business activities by 2050. As part of these efforts, we have established medium-term targets for FY2030, which include the transformation of our business portfolio, the intensification of energy-saving mea¬sures, and the proactive use of renewable energy. In addition, we aim to reduce the carbon footprint of our products and services by developing and expanding the use of low-carbon raw materials and by calculating and reducing CO_2 emissions per unit of production.

To realize a recycling-oriented society, we are focusing on plastics, the largest source of waste with the lowest recycling rate in our operations. We are intensifying our material recycling and chemical recycling efforts, aiming to achieve a 70% resource recycling rate for all waste by FY2030. We are also developing products that support the more sustainable use of plastics by incorporating alternative materials, such as biomass and recycled resources.

To realize a society in harmony with nature, we are advancing forest resources procurement in compliance with DNP Group Guidelines for Procurement of Paper for Printing and Converting in order to eliminate deforestation. These guidelines outline our requirements for the sustainable use of forest resources, recognizing that paper procurement is significantly dependent on ecosystems and that it significantly impacts these ecosystems. We are also striving to minimize our impact on biodiversity by creating green spaces that are thoughtfully integrated with local ecosystems. As part of these efforts, the Ichigaya no Mori (Ichigaya Forest) Project provides spaces linked to local ecosystems through the creation of green spaces that are very natural for an urban location in the Ichigaya district of Tokyo, where the head office is located.

<FY2024 activities and future initiatives>

We revised our targets in April 2024 because we had achieved all of the major medium-term targets for FY2030 in FY2023. In particular, we set more challenging targets, including a GHG emission reduction target that is higher in accordance with the 1.5°C target. Accordingly, in FY2024, our results were below our targets for the reduction of GHG emissions and water usage. However, GHG emissions improved compared to FY2023. In FY2025, the measures we have taken to date have put us on track to achieve our targets. Furthermore, we achieved results that were better than our targets in terms of the increase of the resource recycling rate and our sales of eco-friendly products and services.

We will introduce energy-efficient equipment and renewable energy more proactively at the same time. In addition, we will strengthen our cooperation with partners and accelerate the initiatives to realize DNP Group Environmental Vision 2050, such as the construction of a resource recycling system linking the entire supply chain and the development of recycling technologies, while we aim to realize a nature-positive future.

President
Yoshinari Kitajima

DNP Group Environmental Policy

The DNP Group's Corporate Philosophy states that it will connect individuals and society and provide new value. All activities to this end must comply with the DNP Group Code of Conduct whose tenets include "environmental conservation and the realization of a sustainable society." In March 2000, we established the DNP Group Environmental Policy, aiming to help realize a sustainable society by reducing the environmental impact based on an understanding of the relationship between our business activities and the environment.

We revised this policy in March 2022 because, in recent years in particular, society's concerns about environmental problems have been growing, and we must carry out activities in view of the environmental impact of the supply chain as a whole. The activities will be accelerated.

The DNP Group positions initiatives to environmental issues among our important management challenges. We will boost the environmental awareness of each and every employee, promote environmental conservation efforts throughout the entire supply chain from procurement to disposal and recycling, and contribute to the realization of a sustainable society.

1. We will remain aware of the environmental impact of our business activities, comply with environmental laws and regulations and endeavour to prevent environmental pollution.
2. We will make efforts to achieve carbon neutrality, in order to mitigate climate change, by minimizing energy use in our business activities, and introducing renewable energy.
3. We will minimize our use of resources, and focus on reducing and recycling waste, targeting the use of sustainable resources.
4. We seek to achieve harmony with local ecosystems to conserve biodiversity.
5. We will pursue the development and popularization of eco-friendly products and services aiming to reduce environmental impact throughout the entire supply chain.

In order to achieve these initiatives, we will build an environmental management system, which we will operate by setting objectives and targets, and work hard to make continuous improvements.

We will make timely disclosures regarding these activities and engage in proactive communication with our stakeholders.

Policy instituted March 2000
First amendment March 2010
Second amendment March 2022

DNP Group Representative Yoshinari Kitajima

Towards the realization of the DNP Group Environmental Vision 2050

DNP set medium-term targets for the achievement of a decarbonized, recycling-oriented society in harmony with nature as set forth in the DNP Group Environmental Vision 2050.

Although we previously worked to meet the supplier engagement target to reduce Scope 3 emissions, we changed to a reduction target in April 2025. The target and the Scope 1 and 2 emission reduction targets set in April 2024 were recognized as meeting the SBT 1.5°C standard.

Measures | Medium-term targets | Our aspiration

Backcasting

Item		2030 Target	2050
Reduction of Scope 1 and 2 emissions	• Energy-saving activities and shift to high-efficiency equipment • Conversion of the business portfolio • Introduction of renewable energy	Reduce GHG emissions by 46.2% compared to FY2019 level.	Decarbonized society
Reduction of Scope 3 emissions	• Conversion of the business portfolio • Transition to low-emitting materials • Improvement in transport efficiency	Emissions by 27.5% compared to FY2019 level. (Related categories: 1, 3, 4, and 5)	
Increase of sales of eco-friendly products and services	• Accelerate the development of products that contribute to the environment. • Promotion of the development of easy-to-recycle products	Increase sales of Super Eco-Products to account for 30% of gross sales	Recycling-oriented society
Increasing the resource recycling rate*1	• Minimization of unnecessary objects emissions • Promotion of recycling • Minimization of the landfill waste rate	Achieve the resource recycling rate of 70% for all unnecessary objects.	
Reduction of water usage	• Efficient water use	Reduce water usage per unit of production by 30% compared to FY2019.	
Guidelines for Procurement of Paper for Printing and Covering certification ratio	• Procurement of biodiversity-conscious paper	Achieve 100% certification ratio.	
Environmental conservation*2	• Thorough adherence to baselines through trend management	Maintain the level at 70% of the required standard or less.	Society in harmony with nature

DNP Group Environmental Vision 2050

DNP targets the realization of a decarbonized society, a recycling-oriented society and a society in harmony with nature by creating new value through Printing and Information (P&I) innovation designed to achieve the emergence of a sustainable society.

[A Decarbonized Society through Climate Change Mitigation and Adaptation]

- We aim to achieve effective net-zero greenhouse gas (GHG) emissions from business activities at our own sites.
- We will contribute to create a decarbonized society through our products and services.

[A Recycling-Oriented Society through the Efficient use of Resources]

- We will provide maximum value through the efficient use and recycling of resources throughout the value chain.

[A Society in Harmony with Nature via the Conservation of Biodiversity]

- We aim to minimize the impact on biodiversity throughout the entire value chain and achieve harmony with regional ecosystems.

*1 Resource recycling rate: The ratio of material/chemical recycling to amount of unnecessary objects (waste + valuable waste) excluding paper as valuable waste. Recovery of heat from combustion, recycling of waste plastics into solid fuels, and the recycling of waste oil into fuels, etc. are treated as thermal recovery and excluded from recycling.

*2 Environmental conservation items: Air emissions, wastewater, odor, noise, and vibration

GHG Emissions Reduction Target of the DNP Group Recognized by the Science Based Targets (SBT) Initiative

DNP obtained the approval of the international organization Science Based Targets (SBT) Initiative in July 2018. In April 2021, our target was revised upward as a target well below the 2°C target. Furthermore, the Scope 1 and 2 emission reduction targets were revised in 2024, and the Scope 3 emission reduction targets were revised in 2025, and they have all been certified as 1.5°C targets in April 2025.

DNP will continue to reduce GHG emissions through the conservation of energy, including the introduction of energy-saving equipment. Additionally, we will reinforce our relationships with suppliers, understand the amount of GHG emissions and switch to low-emitting materials to accelerate the reduction of emissions throughout the supply chain.

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Disclosure in Accordance with TCFD and TNFD

Dependencies and Impacts

In its business activities, DNP relies on a wide range of ecosystem services and impacts natural systems.

DNP depends on ecosystem provisioning services for the raw and auxiliary materials used in its businesses. For example, DNP is dependent on forest resources for paper for magazines and books, and lithium-ion battery pouches and optical films use mineral and fossil resources. We also rely on water resources, both directly in manufacturing processes and indirectly in papermaking. In addition, production sites located near rivers depend on ecosystem regulation and maintenance services. Four of DNP's manufacturing sites near rivers are located in high water-risk areas and have been identified as priorities. Our manufacturing processes also emit gases into the atmosphere (GHGs, NOx, SOx, VOCs, etc.), discharge waste into bodies of water (wastewater, nitrogen, phosphorus, etc.) and unnecessary objects including plastics, all of which are regarded as causes that negatively impact the environment.

Going forward, we will continue to identify where in the value chain the dependencies and impacts occur and how they affect the natural environment. We will expand and deepen the collection of related data and related initiatives.

• Four manufacturing sites in high water-risk areas

* For details of businesses, refer to the corresponding number on page 40.

*For the information disclosed in accordance with the four pillars, refer to pages 70-75, *DNP Group Integrated Report* 2025.

• TNFD core global disclosure metrics

	Driver of Nature Changes	Indicator	FY2024 Results	Reference Page
—	Climate change	GHG emissions	• Scope 1: 323,000 tons CO_2e • Scope 2: 543,000 tons CO_2e • Scope 3: 4,331,000 tons CO_2e	20-23
C1.0	Land/freshwater/ ocean-use and change	Land-use spatial footprint	• 3,100,000 m^2 *Total site area of key domestic production bases under the Factory Location Act	—
C1.1		Spatial footprint of preserved/restored areas	• Green space area: 790,000 m^2 *Key domestic production bases under the Factory Location Act • Nationally Certified Sustainably Managed Natural Sites: 1.56 ha (Ichigaya no Mori) • Forest use management by Quy Nhon Plantation Forest Company of Vietnam Limited (10% owned by DNP) Logging area: 1,302 ha; Planting area: 1,194 ha	32-33
C2.0	Pollution/ pollution removal	Pollutants	• Total release of PRTR-designated substances: 2,063 tons *Discharge into air, public waters, soil, sewer, and waste disposal *For breakdown of substances, refer to the related pages.	27-29
C2.1		Water discharged	• Total water discharge: 7,140,000 m^3 • Water discharged into public waters: 3,990,000 m^3 • Water discharged into sewer: 3,150,000 m^3 • Concentration of discharged contaminants: Less than 5 ppm, below regulatory standards • Temperature of discharged water: Within national regulatory limits	26-27
C2.2		Waste	• Unnecessary objects: 219,000 tons • Amount of Unnecessary objects excluding paper: 114,000 tons *Calculated by subtracting paper as valuable waste, which is 100% recycled, and the amount of sludge subject to on-site intermediate processing from unnecessary objects • Amount of resource recycling (recycling amount): 72,000 tons • Amount of landfill disposal: 199 tons *For discharge by processing flow stage, refer to the reference pages.	24-25
C2.3		Plastics	*Plastic usage (film and resin): 292,000 tons	18
C2.4		Non-GHG air pollutants	Estimated emissions from relevant equipment of domestic sites • NOx: 464 tons • SOx: 9 tons • VOCs: 3,983 tons • Dioxins: 21.2 mg-TEQ • Dust and soot: 7.7 tons	28
C3.0	Resource use/ replenishment	Water usage in water-scarce areas	At four bases with high water risk • Total water intake: 235,000 m^3 *All water intake sources are surface water. • Total consumption: 1,200 m^3 *Difference between water intake and water discharged was calculated as consumption.	26
C3.1		Amount of high-risk natural commodities	• Paper: 312,000 tons (domestically procured, FSC®-certified paper: 92,000 tons) • Metals (e.g., aluminum and iron): 52,000 tons	18

Disclosure in Accordance with TCFD and TNFD

Risks and Opportunities

*For the information disclosed in accordance with the four pillars, refer to pages 70-75, *DNP Group Integrated Report* 2025.

• Physical risks

We recognize that the increasingly frequent and severe damage due to torrential rains, forest fires and other natural disasters and the degradation of ecosystem provisioning services may cause the suspension of operations or the realization of supply chain risks. We conduct region-level assessments of the water risks faced by our domestic and overseas manufacturing sites using published tools such as Aqueduct provided by the World Resources Institute (WRI) to identify priority regions.

To respond to these risks, we are investing in disaster preparedness infrastructure, such as emergency power systems and water control barriers. We have also been working to further enhance our supply chain management by building production systems at multiple plants and diversifying suppliers.

• Transition risks

As policies addressing environmental challenges become stricter, it is expected that new measures will become necessary, including mandatory environmental due diligence and the regulation of plastics, in addition to decarbonization-related regulations. This shift will increase stakeholders' awareness of the environment, and companies that fail to respond adequately risk exiting the market or suffering reputational damage.

To address transition risks, DNP is transforming its business portfolio to reduce its negative environmental impacts and increase added value. In addition, DNP is focusing on managing environmental risks using self-imposed criteria that are stricter than laws and regulations, promoting the recycling of plastics with a low recycling rate and strengthening its supplier engagement based on the DNP Group Sustainable Procurement Guidelines.

• Opportunities

DNP believes that society and the economy are increasingly oriented toward integrated actions to realize nature positivity, and this will increase the demand for eco-friendly products and services. This is a significant business opportunity for the Company.

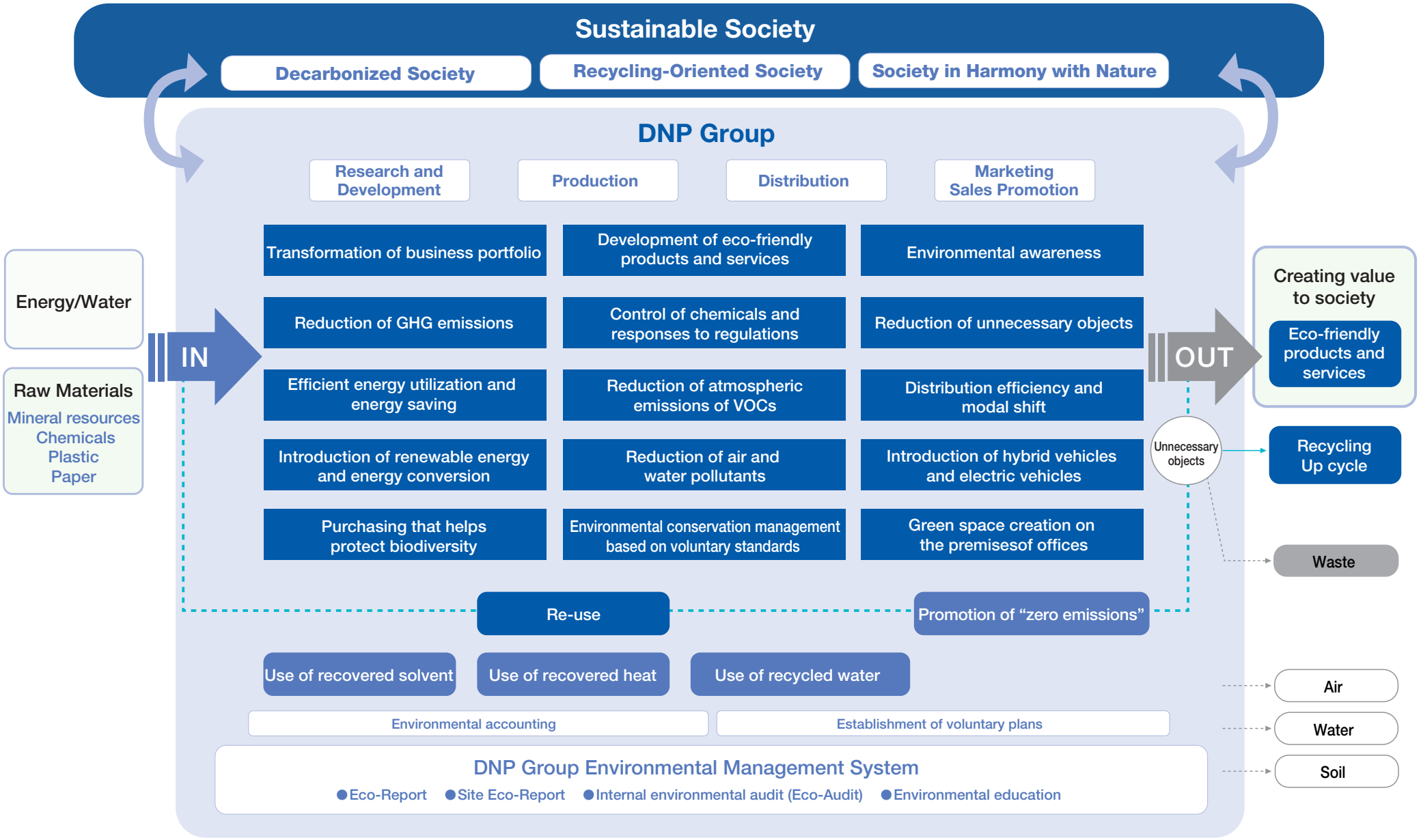
Guided by its Medium-term Management Plan, DNP is planning to invest 260 billion yen over the five years through fiscal 2027, focusing on priority business areas including eco-friendly products and services, such as battery pouches for lithium-ion batteries. Our goal is to positively impact the natural environment while creating a virtuous cycle of new earning growth and enhanced corporate value.

Scenario drivers			Expected impact on business	Time horizon	Level of effects	Likelihood	Initiatives	Dependencies			Impacts				
								Provisioning	Adjustment and maintenance	Cultural	Climate change	Use change	Resource use	Pollution	Alien species
Physical risks	Increase in the number of natural disasters	Damage to social infrastructure	• Decreased profit due to delayed or suspended manufacturing • Increased cost of disaster control measures • Increased cost of purchasing raw materials and interruption of supply	Short term	Medium	High	• Strengthening BCP/BCM measures • Strengthening supplier engagement	●	●		●	●		●	
	Degradation of ecosystem provisioning services	Increasing water stress	• Decreased profit due to delayed manufacturing	Medium to Long term	Medium	Low	• Optimizing water usage and expanding water recycling in manufacturing processes ▸P26	●			●	●	●	●	
		Decrease in the supply of raw materials	• Decreased profit due to delayed manufacturing and shipping • Increased cost of purchasing raw materials and interruption of supply	Medium to Long term	Medium	Low	• Strengthening supplier engagement • Building diversified supply chains	●			●	●	●	●	
Transition risks	Transition to nature positive	Policies and regulations for decarbonization	• Increased cost of climate change mitigation *Introduction of an emissions trading system for major emitters (2026)	Short to Medium term	Medium - High	High	• Promotion of energy-saving activities, replacement with high-efficiency equipment • Proactive introduction of renewable energy • Purchase of Non-Fossil Certificates • Participation in the GX League and utilization of an emissions trading system ▸ Internal carbon pricing: 20,000 yen/t-CO_2e ▸ Carbon taxes in 2030: 7.6–12.0 billion yen	–	–	–	●				
			• Addressing residual emissions	Long term	Medium	Low	• Introduction of next-generation energy sources • Utilization of CCS and CCUS ▸ Carbon taxes in 2050: 3.2–4.0 billion yen	●			●				
		Policies and regulations for resource recycling	• Increased cost of complying with laws and regulations • Increased cost due to higher prices of recycled materials • Design review of existing products	Short to Medium term	Medium	High	• Ensuring the traceability of raw materials • Promotion of recycling and development of compatible products • Establishing chemical recycling technologies and schemes for plastics by collaborating with corporations	●	●	●	●	●	●	●	●
		Disclosure requirements regarding value chains	• Disclosure of information from environmental due diligence • Stricter supply chain management *Application of Carbon Footprint of Products (CFP) disclosure requirements under the Battery Regulation (2024) *Application of disclosure requirements under sustainability reporting standards (TBD)	Short to Medium term	Medium	Medium	• Strengthening supplier engagement • Ensuring and evaluating the traceability of raw materials • Strengthening environmental management systems • Disclosing information in a timely and appropriate manner in line with various standards	●					●		
Opportunities	Market changes	Expansion of the markets for green trans-formation (GX) products and services	• Increased demand for eco-friendly products and services • Acceleration of technological innovation for nature positive	Medium term	High	High	• Proactive rollout of eco-friendly products and services • Promotion of development based on the guidelines for developing eco-friendly products and services • Creation of new business models ▸ Sales of Super Eco-Products in FY2024: 218.9 billion yen	●	●	●	●	●	●	●	●
		Growth of impact finance	• Expansion of opportunities for low-cost financing	Medium to Long term	High	Medium	• Establishment of the printing industry's first Sustainability-Linked Finance Framework ▸ Funding through the issuance of sustainability-linked bonds: 60.0 billion yen (May 2025)	●	●	●	●	●	●	●	●
	Greater importance of non-financial information	Standardization of disclosure standards	• Enhanced corporate image and investor evaluation *Application of disclosure requirements under sustainability reporting standards (TBD)	Short to Long term	High	Medium	• Increased information disclosure and improvement of engagement • Securing advantages and human resources as a company leading the way in sustainability	–	–	–	●		●		

[Time horizon] Short term: 0-5 years, medium term: 5-15 years, long term: 15 years or more [Level of effects]: High: approx. 10 billion yen, Medium: 1 to 10 billion yen, Low: less than 1 billion yen
[Likelihood] Probability of impact: High > medium > low

Environment Management Structure

Business and Environmental Activities



Environmental Management Structure

Environmental Management Structure

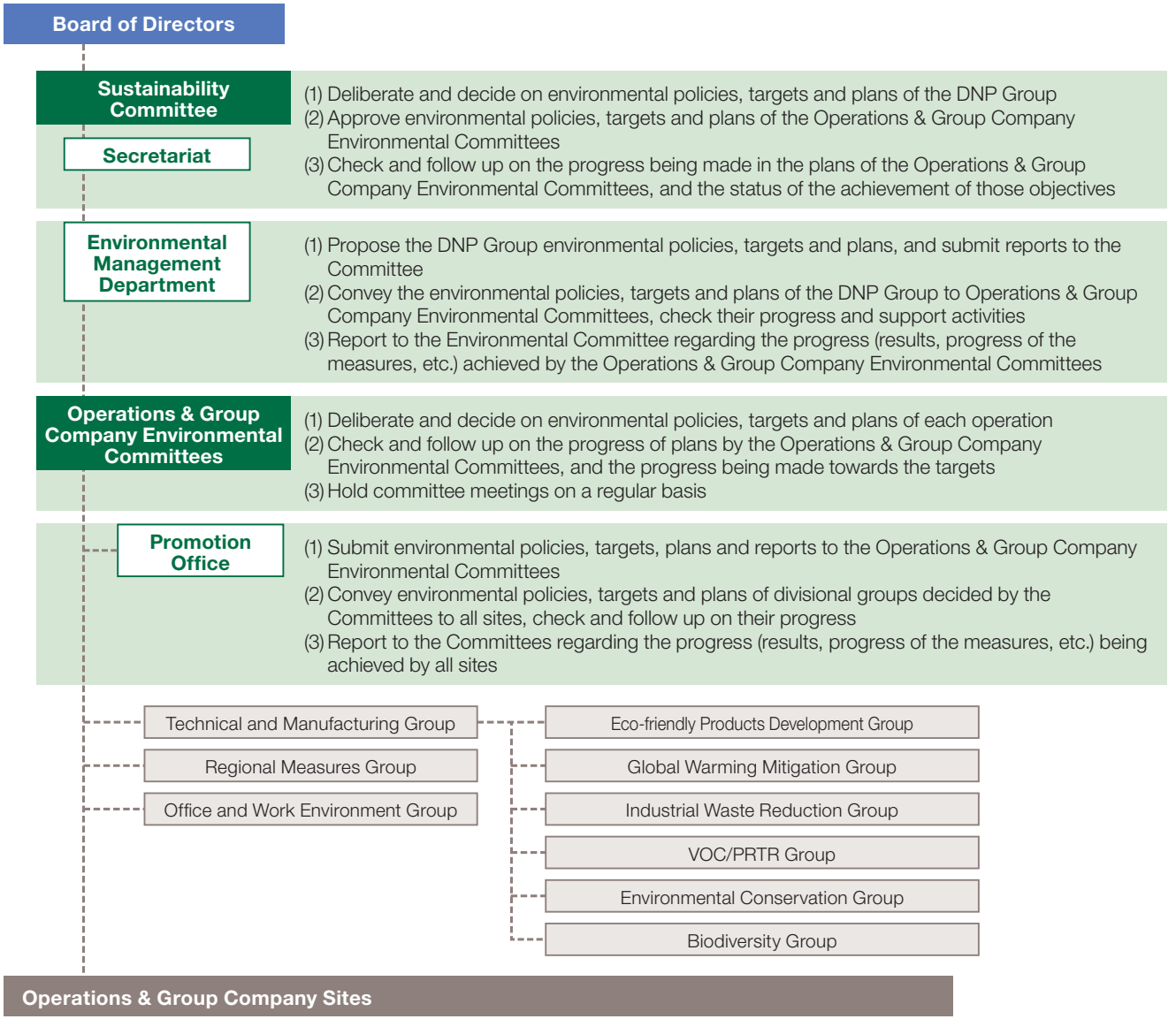
The DNP Group has established a division in charge of environmental management subordinate to the Sustainability Committee to coordinate Group-wide environmental activities. Operations & Group Company Environmental Committees have also been set up to promote activities within each business segment. Each committee has its own office or promotion office.

• Sustainability Committee

Chaired by the president and consisting of the directors and corporate officers in charge of divisions at the company's headquarters, this committee manages medium- and long-term risks related to sustainability, identifies business opportunities and ensures they are reflected in its management strategies. In this process, the committee deliberates and makes decisions regarding the environmental policies, targets, and plans of the entire Group, and it monitors the progress of the plans and the status of the achievement of targets.

• Operations & Group Company Environmental Committees

We carry out such activities based on decisions made by the Sustainability Committee and the characteristics of different business areas, including activities at our locations outside of Japan.



Environmental Management Structure

Environmental Management System

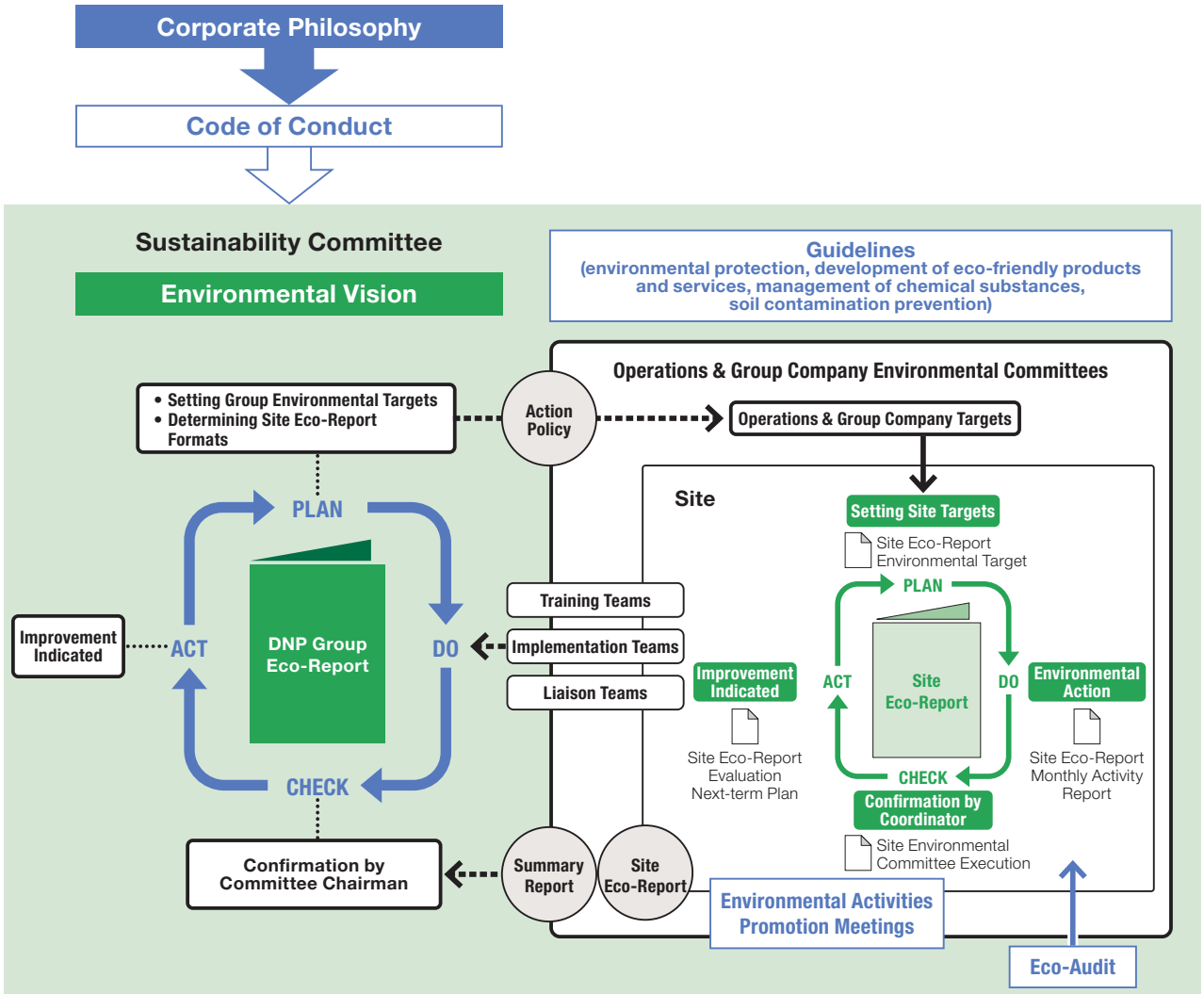
At DNP, we created our own environmental management system (EMS) in 1993, prior to the publication of the ISO 14001 standard. This system is built around two core tools: the DNP Group Eco-Reports and Site Eco-Reports set up by the Sustainability Committee Office as a framework. We also execute the Plan-Do-Check-Act cycle every six months.

The DNP Group Eco-Reports cover changes in applicable laws, our courses of action and how well the DNP Group overall has achieved its targets. The Eco-Reports are shared between the Operations & Group Company Environmental Committees and with every business site. The Site Eco-Reports document each site's targets, plans, and status of activities. The Operations & Group Company Environmental Committees use the Site Eco-Reports to gain understanding of the situation at each site and submit a summary report to the officer in charge of the environment.

Subordinate to the Sustainability Committee, the division in charge of environmental management regularly holds meetings to promote environmental activities and receive reports from the Operations & Group Company Environmental Committees on progress and other issues.

The committees are also reinforcing management by instantly sharing important information via the company's website.

Outline of the DNP Group Environmental Management System



Environmental Management Structure

Eco-Audit Content and Flow

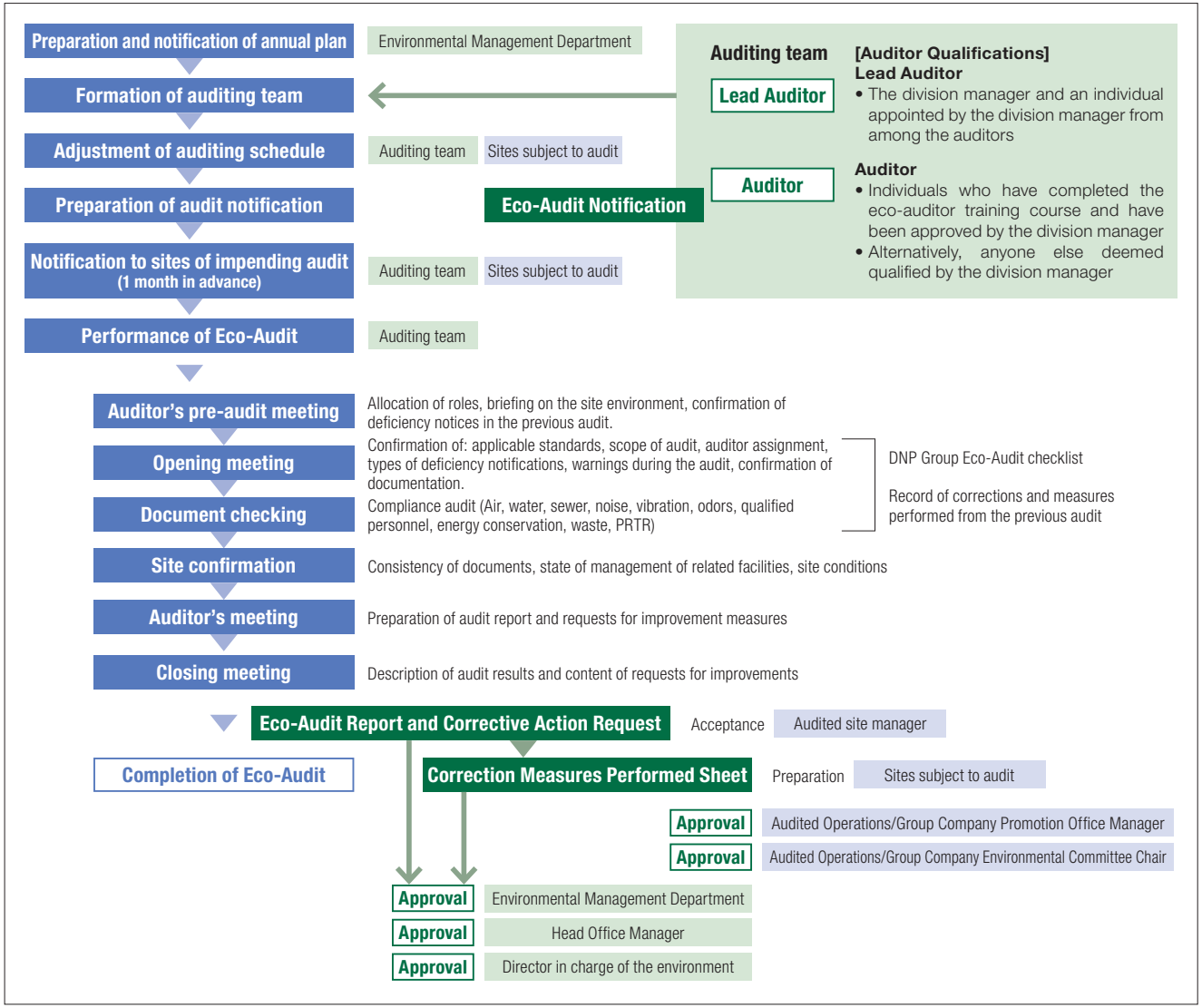
We began implementing “Eco-Audits” in 1996, so as to make our Environmental Management System (EMS) more effective. Eco-Audits are conducted by our internal auditor and cover our internal manufacturing sites. The audits have the following features.

(1) Auditors are DNP employees with no conflict of interest with the sites being audited and who possess specialized knowledge about products and processes, which produces meaningful and objective results maintaining an independent perspective.

(2) In the Eco-Audit we place importance on on-site confirmation of actual items. In addition, we point out factors for which danger is projected and request preventive action when needed.

(3) In addition to confirmation of compliance, we confirm the status of continuous improvements and corrections being made towards the achievement of the environmental targets. When necessary, we require audited sites to review plans.

Under this system, when an audit reveals that corrective measures are needed at a site, a “Corrective Action Request” is issued in writing and such actions as necessary are managed by the Sustainability Committee.



Environmental Management Structure

Eco-Audit Performance

Number of sites audited	**61 sites**
Number of attendees at sites	**494 persons**
Cumulative auditor numbers	**112 persons**
Cumulative auditing hours	**207 hours**

• Notification Level and Improvements Required

Improvement required	➡	**Submission of a written description of correction measures performed or improvement plans**
Improvement consideration & examination	➡	**Submission as necessary of a written description of results of consideration/ examination or improvement plans**

Findings determined to be “improvement required” in FY2024 included delayed notifications. We have confirmed that improvement measures have been taken in all of those cases.

We will analyze the content of the findings, determine the actions to take, and do a follow-up check in the Eco-Audits to be carried out in FY2025.

Eco-Audit Contents

Reviewed in the site eco-reports and the Environmental Activities Promotion Meetings.

Compliance Audit

(1) Document Audit

- Site location
- Type and number of legally designated facilities
- Types of waste
- Energy consumption
- Exhaust and wastewater channels
- Changes in facilities, production processes since the last audit
- Applicable laws and their range
- State of improvement of notifications of deficiencies in previous audit
- State of submission of and changes to legal notifications and reports
- Frequency of measurement, validity and traceability of measured data
- Changes in management personnel due to internal transfers

(2) On-Site Inspections

- Site location and relationship with surrounding sites
- Conformity to statutory facility document audit (type, number, scale, etc.)
- State of management of individual facilities and equipment, existence of abnormalities
- Emergency containment in case of abnormality or emergency
- Site picture taking
- Appropriateness of actual work performed

Operations Audit

PLAN
Validity of policy, targets and action plans

- Consistency with DNP Group policies and targets
- Consistency with action plans and targets
- Implementation system and schedule
- Awareness level of employees

DO
Confirm status of plan implementation and target achievement

- Implementation status of plan
- Achievement of targets

CHECK
Status of progress management of plan

- Holding of environment-related meetings
- Content of environment-related meetings

ACT
Status of reviews by term

- Review of previous term results and reflection in plan

Environmental Management Structure

Environmental Risk Management

The DNP Group publishes regular Eco-Reports, which cover trends in environmental regulations and also conducts Eco-Audits to ensure full compliance with all laws and regulations. Our compliance efforts also include the establishment of and strict adherence to our own voluntary standards (air emissions, wastewater, odor, noise, and vibration) and voluntary guidelines (chemical substance management, soil contamination measures), which are even stricter than what is legally required.

The DNP Group handles many chemicals in its production processes. We have drawn up a Chemical Substance Management Guide for chemical substance handling, and have set up levees and emergency shutoff systems to prevent liquids from overflowing and installed two-tier holding tanks for the prevention of accidents at plants handling chemicals. We also stock up on materials that can be used during emergencies, such as oil absorbing sheets, and hold emergency response drills to ensure the proper response in the event of an occurrence.

• Soil and Groundwater Contamination

The DNP Group conducts soil inspections based upon our voluntary management guidelines. When soil contamination is discovered, we file a report with the office of the governor or mayor in charge of that prefecture or city, and upon receiving instructions from the local authorities, we implement appropriate measures for removing the contamination.

In addition to continuing the purification of pump water at one site in FY2024, we also inspected tanks, waste storage sites and areas for storing equipment that handles waste PCBs to prevent soil contamination.

• Storage of harmful substances (PCBs)

Regarding the PCB devices currently in storage or use, we are processing them sequentially to dispose of all of the devices to be disposed of by the deadline, which is the end of March 2027.

• Management of Chemical Substances in Products and Raw Materials

Companies like DNP are being called on to properly ascertain and control the chemical substances contained in raw materials and products in use throughout the supply chain.

DNP has put into operation a management system in accordance with standards issued by JIS and the JAMP Guidelines for the Management of Chemical Substances in Products.

JAMP (Joint Article Management Promotion-consortium)
This organization promotes cross-industry action aimed at creating and spreading the use of a framework for properly managing information on chemicals contained in products and for easily disclosing and transmitting that information through supply chains.

• Status of Legal Compliance

During the most recent three-year period, we had one incident with a value exceeding the standard. Regarding the incident, we were told by the government to submit an improvement report. This has already been completed. There are no ongoing legal disputes involving environmental issues. We have unfortunately had some complaints from areas neighboring our plants concerning noise and odors. Whenever we receive such complaints, we respond promptly by launching a thorough investigation into the cause of the problem and by working to make improvements and prevent recurrence.

Details of Incident (Cause, Improvement Measures, and Measures to Prevent Recurrence)

January 31, 2024 at Research and Business Development Center in Kashiwa
A water quality inspection by the authorities revealed that the biochemical oxygen demand (BOD) levels exceeded the discharge standards specified in the Water Pollution Control Act. As a result, we received a recommendation that we improve the quality of our discharged water.

Fallen leaves and sediment from a neighboring development project flowed into our premises during a rainstorm. Because we did not promptly remove these materials, the water eutrophied, causing BOD levels to exceed regulatory limits. We have since cleaned the stormwater drainage system, and subsequent water quality inspections have confirmed that the discharge is now within the regulatory standards.

Environmental Management Structure

Certification Acquisition Status

The DNP Group has established an independent environmental management system and is pursuing the acquisition of ISO 14001 certification at specific sites, depending on the type of work performed at those sites. (DNP organization names are as of June 30, 2025)

ISO 14001 Certification Acquisition rate: Overseas: 62% (acquired by 53 of 85 sites); Japan: 60% (acquired by 44 of 73 sites)

Site	Date Registered*2	Registration Organization
D.T. Fine Electronics*3	Feb. 1966	JACO
Sayama Plant, Imaging Communications Operations	Nov. 1997	JIA-QA
Okayama Plant, Imaging Communications Operations	Nov. 1997	JIA-QA
Mihara East Plant, Fine Optronics Operations	Jul. 1998	DNV
Toyama Plant, CMIC CMO Co., Ltd.	Aug. 1998	JSA
Head Office, DNP Tamura Plastic	Aug. 2000	JARI-RB
Hagiwara Plant, DNP Tamura Plastic	Aug. 2000	JARI-RB
Iwata Plant, DNP Tamura Plastic	Aug. 2000	JARI-RB
Ashikaga Plant, CMIC CMO Co., Ltd.	Jul. 2001	KHK
Shizuoka Plant, CMIC CMO Co., Ltd.	Oct. 2001	KHK
Tokyo Plant, DNP Fine Chemicals	Jan. 2002	JCQA
Kasaoka Plant, DNP Fine Chemicals	Jan. 2002	JCQA
DNP Fine Chemicals Utsunomiya	Jan. 2002	JCQA
Tokyo Office, DNP Living Space Operations	Jan. 2002	JIA-QA
Tokyo Plant, DNP Living Space Operations	Jan. 2002	JIA-QA
Tokyo Office, DNP Mobility Division	Jan. 2002	JIA-QA
Okayama Office, DNP Living Space Operation	Jan. 2002	JIA-QA
Okayama Plant, DNP Living Space Operations	Jan. 2002	JIA-QA
Warabi Plant, DNP Data Techno	Mar. 2002	JIA-QA
Ushiku Plant, DNP Data Techno	Mar. 2002	JIA-QA
Nara Plant, DNP Data Techno	Mar. 2002	JIA-QA
Kyoto-Minami Plant, DNP Data Techno	Mar. 2002	JIA-QA
Chikugo Plant, DNP Technopack	Jun. 2002	SGS
Dai Nippon Printing Co., Ltd. (Chikugo)	Jun. 2002	SGS
Kamifukuoka Plant, Fine Device Operations	Mar. 2004	AJA
Itabashi Area, Sales Division 1, DNP Logistics	Oct. 2004	AJA

Site	Date Registered*2	Registration Organization
Head Office Department/Tokyo Plant, DNP Ellio	Jan. 2005	LRQA
Osaka Plant, DNP Ellio	Jan. 2005	LRQA
DNP Photomask Europe S.p.A.	Apr. 2006	CISQ
Izumizaki Plant, DNP Technopack	Aug. 2008	SGS
Sayama Plant, DNP Technopack	Aug. 2008	SGS
DNP Imagingcomm Europe B.V.	Mar. 2009	BV
Mihara West Plant, Fine Optronics Operations	May. 2009	DNV
Okayama Plant, Fine Optronics Operations	May. 2009	DNV
PT DNP Indonesia Pulogadung	Nov. 2014	AJA
PT DNP Indonesia Karawang	Nov. 2014	AJA
Hokkaido Coca-Cola Bottling	Feb. 2010	LRQA
DNP Vietnam Co.,Ltd.	Apr. 2015	Intertek
Head Office, DNP Hikari Kinzoku	Mar. 2016	JQA
Kasadera Plant, DNP Hikari Kinzoku	Mar. 2016	JQA
Nishine Plant, CMIC CMO Co., Ltd.	Apr. 2020	KHK
Head Office Plant, DNP HOSO	Sep. 2021	JICQA
Second Plant, DNP HOSO	Sep. 2021	JICQA
Third Plant, DNP HOSO	Sep. 2021	JICQA
DNP Imagingcomm Asia Sdn.Bhd.	Jul. 2022	SGS
DNP Imagingcomm America Corporation (Concord)	Jan. 2023	NSF ISR
Hikari Tanyou Co., Ltd.	Mar. 2023	KCB
Tobata Plant, DNP High-performance Materials	Apr. 2025	JIA-QA
Tsuruse Plant, DNP High-performance Materials	Apr. 2025	JIA-QA
Izumizaki Plant, DNP High-performance Materials	Apr. 2025	JIA-QA
Kuki Plant, DNP High-performance Materials	Apr. 2025	JIA-QA
DNP Imagingcomm America Corporation (Pittsburgh)	May. 2025	NSF ISR
Kurosaki Plant, Optical Electronics Operations	May. 2025	DNV

*1 The certification acquisition status of 85 sites was checked (77 sites that information is disclosed about in Japan and overseas and the head office of DNP Tamura Plastic Co., Ltd., Plant No. 2 and 3 of DNP Hoso Co., Ltd., Tokyo Division and Okayama Division of Living Space Business Unit, Itabashi Area (Sales Division No. 1) of DNP Logistics Co., Ltd., Tokyo Division of Mobility Business Unit, and the Kasadera Factory of DNP Hikari Kinzoku Co., Ltd.)

*2 The date registered is the date of the initial registration.

*3 Kitakami Plant of D.T. Fine Electronics are registered as a part of Toshiba Electronic Devices & Storage Corporation.

Eco Action 21 Certification

Site	Date Registered*1	Registration Organization
Tokyo Head Office, DNP Trading	Jan. 2006	IP SuS
DNP High-performance Materials Hikone	Oct. 2010	IP SuS

Registration Organization

AJA
Anglo Japanese American Registrars Ltd.

BV
Bureau Veritas

CISQ
Federazione Certificazione Italiana dei Sistemi Qualità Aziendali (Italy)

DNV
Det Norske Veritas AS (Norway)

IP SuS
Institute for Promoting Sustainable Societies

Intertek
Intertek Certification Ltd.

JACO
Japan Audit and Certification Organization for Environment and Quality

JARI-RB
Japan Automobile Research Institute

JCQA
Japan Chemical Quality Assurance Ltd.

JIA-QA
Japan Gas Appliances Inspection Association, QA Center

JICQA
JIC QUALITY ASSURANCE LTD.

LRQA
LRQA Limited

NSF-ISR
NSF International Strategic Registrations

SGS
SGS Japan

KHK
KHK-ISO Center

JAS
Japanese Standards Association

JQA
Japan Quality Assurance Organization

KCB
Kaixin Certifi cation (Beijing) Co.,Ltd.

Environmental Management Structure

Environmental Education

The DNP Group conducts environmental education programs according to level, working group and function concerning the DNP Group's environmental conservation efforts, environmental knowledge, environmental laws and domestic and overseas trends concerning environmental issues. Our goal is for employees to gain the knowledge and management know-how necessary to improving employee environmental conservation consciousness and achieving our environmental goals. The following table lists major environmental training programs.

Implementation of major environmental training programs

Type of Training	Course Name/Description	First Held	Eligibility	Number of participants			Time of Year
				FY2022 (persons)	FY2023 (persons)	FY2024 (persons)	
Education for New Recruits	**Environmental Activity Overall (required)** Basic environmental knowledge and conservation efforts of the DNP Group	1994	All new recruits	249	273	281	When joining the company
Technical Seminar	**Environment/Chemicals (optional)** Environmental Laws and Regulations Waste Treatment	1999	Employees related to operation	95	112	89	Once yearly
Manufacturing Skill Seminar	**Environmental** Environmental initiatives of the DNP Group	2023	All employees involved in production activities up to the managerial team leader	—	5,354	(not yet implemented)	As needed
DNP Learning Portal	**DNP Environmental Education** DNP's environmental initiatives	2024	All employees (employees with a network ID)	—	—	23,380	Once yearly

Environmental Management Activities

Environmental Activity Targets and Results

DNP has prescribed targets with the following categories as priority issues and is undertaking activities in these areas.

Evaluation criteria ◎ Target exceeded by a wide margin ○ Target achieved or making steady progress toward target △ Making active efforts but target not achieved × Efforts insufficient

Topic	Reference page	Medium- and long-term target (The GHG emissions reduction targets are to be achieved by 2030 or 2050. The target year of the other targets is 2030.)	FY2024 results		Evaluation
Reduction of GHG emissions	P 20-23	Reduce Scope 1 and 2 emissions by 46.2% compared to FY2019 by FY2030 (SBT). Aim to achieve net-zero Scope 1 and 2 GHG emissions by 2050.	Emissions in FY2019: 1.062million tons-CO_2e Emissions in FY2024: 0.866million tons-CO_2e ☑	18.4% decrease from that in FY2019	△
		Reduce Scope 3 emissions (category 1, 3, 4 and 5) by 27.5% compared to FY2019 (SBT).	Emissions in FY2019: 3.556million tons-CO_2e Emissions in FY2024: 2.990million tons-CO_2e ☑	15.9% decrease from that in FY2019	◎
Reduction of environmental impact incurred during transport	P 23	To reduce fuel use for transport per amount of sales by 1% per annum and 11% compared to FY2019	Per unit in FY2019: 1.28kl/100 million yen Per unit in FY2024: 1.02kl/100 million yen ☑	20.3% decrease from that in FY2019	◎
Increasing the resource recycling rate	P 24-25	Achieve a resource recycling rate* of 70% for all unnecessary objects *The ratio of material/chemical recycling to waste excluding paper as valuable waste, etc.	Resource recycling rate in FY2024: 63.5%		○
Reduction of water usage	P 26	Reduce water use per amount of sales by 30% compared to FY2019	Per unit in FY2019: 6.73m^3/million yen Per unit in FY2024: 6.21m^3/million yen ☑	7.7% decrease from that in FY2019	△
Development and sales of environmentally conscious products and services	P 30	Increase the percentage of Super Eco-Products sales from total sales to 30%	Total sales ratio in FY2024: 15.0% ☑		○
Acquisition of certifications to meet the Guidelines for Procurement of Paper for Printing and Covering	P 32	Achieve a 100% certification ratio	Certification ratio in FY2024: 99.5%		○
Environmental conservation	P 14	To keep the maximum concentration of air emissions subject to emissions regulations at 70% of the required standard or less	100% achievement ratio of targets for FY2024 (voluntary target)		○
		To keep the maximum concentration of water emissions subject to wastewater regulations at 70% of the required standard or less	99.7% achievement ratio of targets for FY2024 (voluntary target)		○
		To keep the maximum concentration of odors at our site perimeters at 70% of the required standard or less	98.5% achievement ratio of targets for FY2024 (voluntary target)		○
		To keep the maximum level of noise at our site perimeters at 70% of the required standard or less	99.4% achievement ratio of targets for FY2024 (voluntary target)		○
		To keep the maximum level of vibration at our site perimeters at 70% of the required standard or less	100% achievement ratio of targets for FY2024 (voluntary target)		○

GHG Emissions Reduction Target of the DNP Group Recognized by the Science Based Targets (SBT) Initiative

DNP obtained the approval of the international organization Science Based Targets (SBT) Initiative in July 2018. In April 2021, our target was revised upward as a target well below the 2°C target. Furthermore, the Scope 1 and 2 emission reduction targets were revised in 2024, and the Scope 3 emission reduction targets were revised in 2025, and they have all been certified as 1.5°C targets in April 2025.

DNP will continue to reduce GHG emissions through the conservation of energy, including the introduction of energy-saving equipment. Additionally, we will reinforce our relationships with suppliers, understand the amount of GHG emissions and switch to low-emitting materials to accelerate the reduction of emissions throughout the supply chain.

SCIENCE BASED TARGETS
DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Environmental Management Activities

Current Status of Environmental Impact

Main raw materials input (Unit: 1,000 tons)

	2023	☑ 2024	
Paper	*505.0*	**485.8**	(3.8% decrease)
Film	*146.5*	**137.9**	(5.9% decrease)
Plastic	159.7	**153.8**	(3.7% decrease)
Metal	*56.5*	**51.7**	(8.5% decrease)
Ink	*52.6*	**50.1**	(4.8% decrease)
Others	68.9	**75.8**	(10.0% increase)

Main secondary materials input (Unit: 1,000 tons)★

	2023	☑ 2024	
Solvent	25.1	**23.3**	(7.2% decrease)
Acid and alkaline	8.3	**10.3**	(24.1% increase)

★ Scope limited to within Japan only

Utilities (Energy consumption)*1

	2023	☑ 2024	
Electricity (million kWh)	1,140	**1,210**	(6.1% increase)
City gas (million Nm³)	54.2	**54.2**	(0.1% increase)
LNG (million kg)	17.1	**21.2**	(24.4% increase)
LPG (million kg)	4.4	**4.1**	(6.7% decrease)
Fuel oil (kl)	572	**780**	(36.4% increase)
Steam (TJ)	36	**65**	(80.6% increase)
Kerosene (kl)	980	**530**	(45.9% decrease)
Water (million m³)	7.3	**9.1**	(24.1% increase)

*1 Total energy consumption FY2024: 14,370TJ

INPUT

Product Manufacturing Process

Smart Communication
Businesses related to imaging communications, information security, XR (extended reality) communication and content, marketing, publishing, and education

Life & Healthcare
Businesses related to highly functional materials for mobility and industry, medicine and healthcare, packaging, and living spaces, and beverage business

Electronics
Businesses related to digital interfaces and semiconductors

Other
Inks, etc.

OUTPUT

On-site Reuse Status★

	2023	2024
Recycled solvent (1,000 tons)	3.4	**4.1**
Usage ratio*2	1.1	**1.2**
Recycled water (million m³)	268.29	**303.63**
Usage ratio	39.6	**36.0**
Vapor generated from waste heat recovery (tons)	140,000	**131,000**

*2 Usage Ratio: This is a calculation of (input+recycling)/input. It does not include solvent in ink.
★ Scope limited to within Japan only

The FY2023 data has been partially revised and corrections are indicated in *italics*.

Emissions into the air

	2023	2024	
GHG*3 emissions (1,000 tons-CO_2e)	*846*	☑ **866**	(2.4% increase)
NOx emissions (tons)★	440	**464**	(5.5% increase)
SOx emissions (tons)★	5.5	**9.0**	(63.6% increase)
Atmospheric emissions of VOCs (tons)	13,351	☑ **12,878**	(3.5% decrease)

*3 GHG: Greenhouse Gases
Emissions from the use of electricity were recalculated to include past years using the coefficients for the fiscal years prior to the tabulated fiscal years. (Details are listed on page 22.)
★ Scope limited to within Japan only

Emissions into bodies of water

	2023	2024	
Water discharged (million m³)	5.6	☑ **7.1**	(28.6% increase)
COD emissions (tons)★	19.3	**16.0**	(17.1% decrease)
Nitrogen emissions (tons)★ *4	4.8	**4.4**	(8.3% decrease)
Phosphorus emissions (tons)★ *4	0.2	**0.2**	(—)

*4 Water discharge channels to which the Water Pollution Control Act applies.
★ Scope limited to within Japan only

Emissions of unnecessary objects and others (Unit: 1,000 tons)

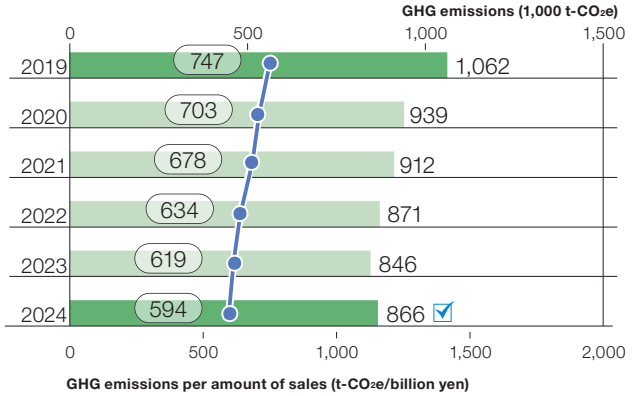
	2023	☑ 2024	
Total unnecessary objects emissions	247	**219**	(11.3% decrease)
Total unnecessary objects emissions (excluding recycled resources)*5	60.9	**59.9**	(1.6% decrease)
Waste emissions	46.6	**47.0**	(0.9% increase)
Landfill waste amount	4.9	**4.5**	(8.2% decrease)

*5 Total unnecessary objects emissions excluding waste paper and other unnecessary objects that are recycled into resources

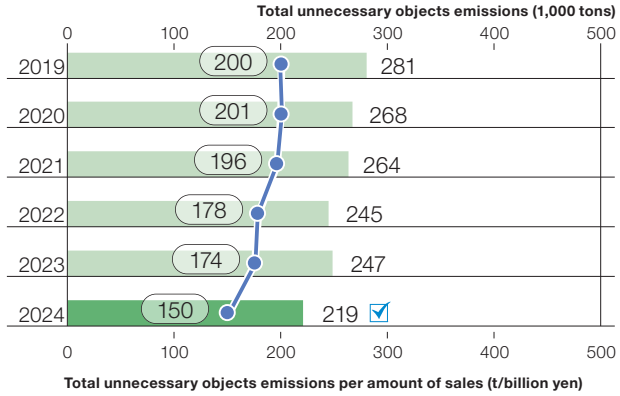
Environmental Management Activities

Environmental Impact and Environmental Efficiency

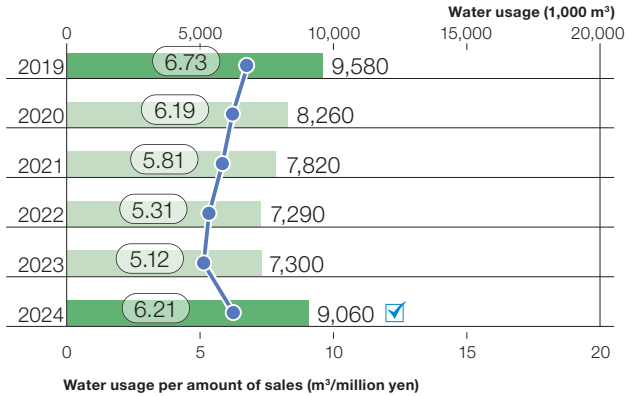
GHG emissions (including overseas operations) *1, *2



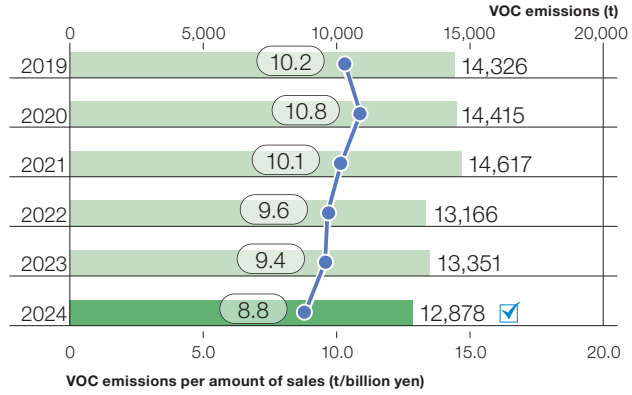
Total unnecessary objects emissions (including overseas operations) *2



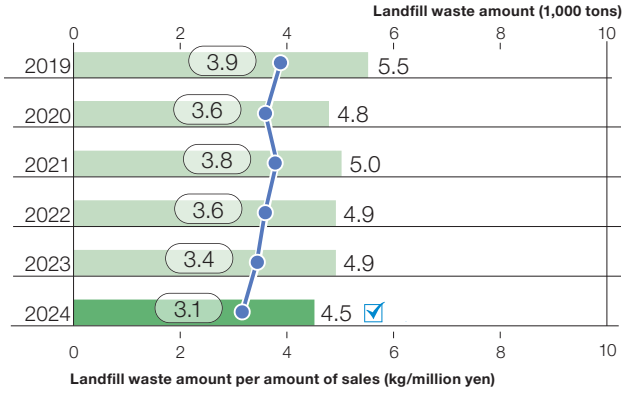
Water usage (including overseas operations) *1, *2



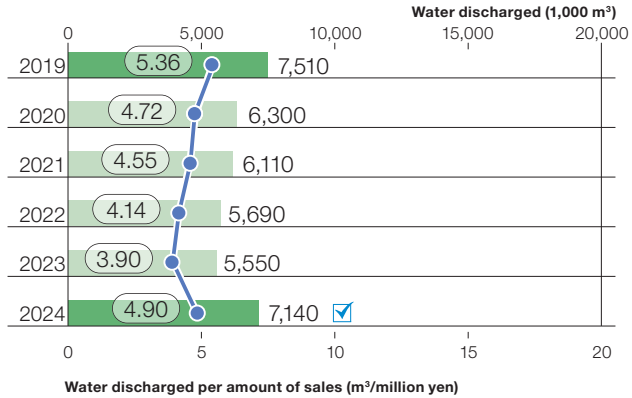
VOC emissions (including overseas operations) *2



Landfill waste amount (including overseas operations) *2



Water discharged (including overseas operations) *1, *2



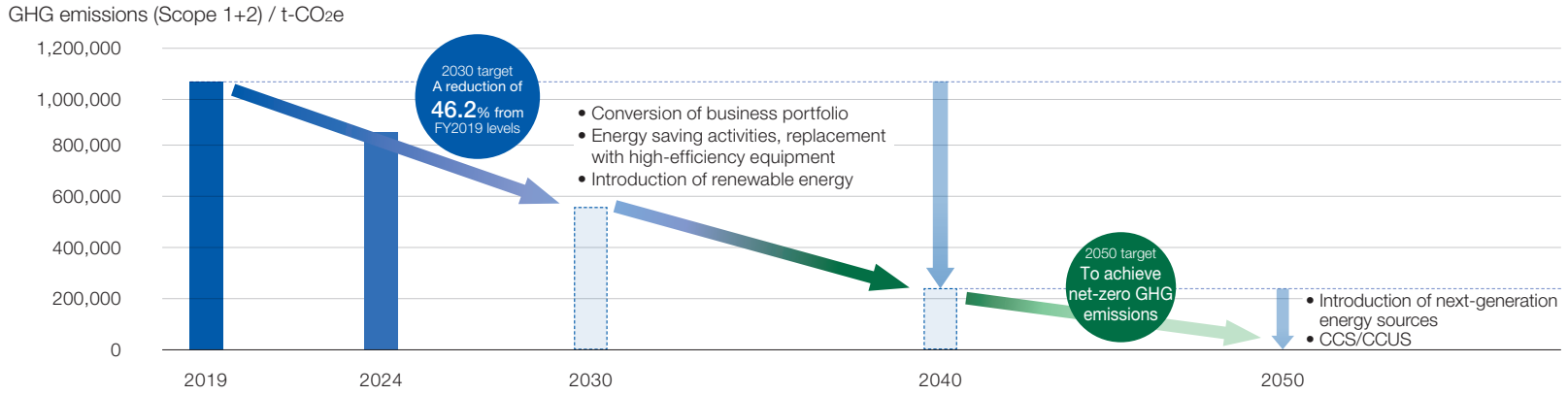
*1 FY2019 results include the results of CMIC CMO Co., Ltd.
*2 FY2024 results include the results of CMIC CMO Co., Ltd., Tomoe Resin Co., Ltd., and DNP Scientific Analysis Center, Inc.

Environmental Management Activities—Achieving a Decarbonized Society

Reduction of GHG emissions

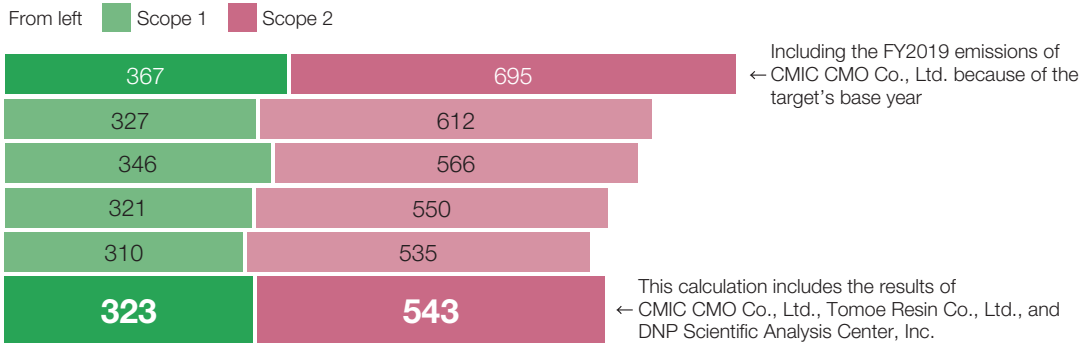
To realize a decarbonized society, DNP is transforming its business portfolio, saving energy, replacing equipment with high-efficiency equipment, and beginning to use renewable energy. We are accelerating our adoption of equipment with smaller environmental footprint by utilizing the internal carbon pricing (20,000 yen per ton of CO_2).

• Roadmap for achieving carbon neutrality by 2050



• Scope 1 and Scope 2 GHG emissions FY2024 results: 866 [1,000 tons-CO_2e]

	Total GHG emissions volume
2019	1,062
2020	939
2021	912
2022	871
2023	846
☑ **2024**	**866**



• Domestic GHG emissions volume by category

Unit: tons-CO_2e

Total GHG emissions volume	**866,180**
Energy source CO_2	741,710
Non-energy source CO_2	120,200
Methane	350
N_2O	180
HFC	3,680
PFC	10
SF_6	50
NF_3	0

GHG emissions volume (unit: 1,000 tons-CO_2e) GHG emissions in Japan due to electricity use, fuel use/combustion, burning of waste and atmospheric emissions of HFCs/PFCs/SF_6/NF_3 are calculated based on the Manual for Calculating and Reporting Greenhouse Gas Emissions, Ver.6.0 (April 1, 2023). (Excludes some emission sources with extremely low GHG emissions.) For FY2024, the emission factor for domestic electricity was calculated using the emission factors for each electric utility as published in the Electric Utility Emission Factors (FY2023 Results). Similarly, for overseas operations, the emission factors of the respective electric utilities were used. (In cases where electric utility data was unavailable, country-specific emission factors were used.)

*We started to include VOC combustion-derived GHG emissions in Scope 1 in FY2024. Accordingly, we also included VOC combustion-derived GHG emissions in Scope 1 in the period from FY2019 to FY2023.

*Scope 1 emissions attributable to transportation and distribution carried out by group companies are tabulated as Scope 3 emissions.

Environmental Management Activities—Achieving a Decarbonized Society

Reduction of GHG emissions

We identify equipment whose environmental impact is high at each factory and continually implement improvements to reduce GHG emissions, For example, we are working on energy-saving activities and activities to increase our use of renewable energy.

Head office
(Environmental promotion office, laboratories at the head office, etc.)

- ◎ Survey on the latest technologies, equipment, etc.
- ◎ Planning and verification of company-wide energy-saving measures
- ◎ Aggregation of information about the energy-saving activities and results of business units and group companies
- ◎ Implementation of energy-saving measures by each business segment
  - • Preparation of the energy-saving measure checklist
  - • Compilation of information about good examples of energy-saving conservation
  - • Holding of energy conservation consultation meetings
  - • Holding of internal exhibitions and presentations
- ◎ Online training planning, preparation and distribution of the content

Cooperation

Business units and group companies
(Environmental promotion segments, technical segments, manufacturing segments, etc.)

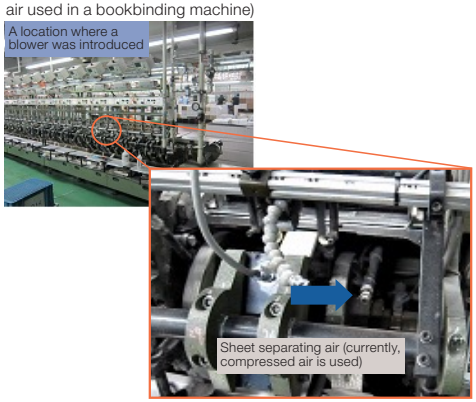
- ◎ Implementation of energy-saving activitiest
  - • Making and executing action plans referencing the energy-saving measure checklist
  - • Developing, verifying and implementing unique energy-saving measures

• Examples of energy conservation

Example 1

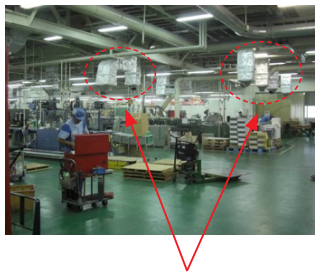
Blowers are used to replace the part for which compressed air with discharge pressure reduced by regulators is used

Example at a bindery (sheet separating air used in a bookbinding machine)



Example 2

If air conditioning outlets are located in high places, it is possible to save energy by extending the air conditioning ducts downwards (close to the work area) and reduce the air-conditioned area and the air volume.



• Utilization of renewable energy

• Installation of solar power generation systems at major sites

Installation place	System capacity
Ichigaya office	100 kW
Kashiwa research facility	600 kW
Kyotanabe Plant	1,316 kW
Karawang Plant	1,658 kW
Mihara East Plant	4,617 kW
Izumizaki Plant	1,625 kW
Toyama Plant	396 kW

• Renewable energy usage

Electricity usage	Renewable energy usage	Percentage of electricity that is renewable*
☑1,210 million kWh	☑50.7 million kWh	☑4.2%

*Amount of renewable energy used divided by electricity used

In FY2024, we used a total of 507,000 kWh of renewable energy through generation, purchase, and the use of certificates, which was 4.2% of our total energy used.

Solar panels were installed at the Izumizaki Plant and the Toyama Plant in FY2024. Additionally, we are switching the sources of the energy used at office buildings to renewable sources. In FY2024 we fully switched all of the electricity that is purchased for the DNP Ichigaya Takajo-machi Building and the DNP Ichigaya Sanai-cho Building to renewable energy.

Solar power generation system at the Izumizaki Plant

Environmental Management Activities—Achieving a Decarbonized Society

Reduction of GHG emissions

• GHG emissions across the entire supply chain

DNP has strived to reduce Scope 3 emissions by collecting information it obtains from major suppliers concerning the GHG emissions accompanying its raw materials and making other efforts. In April 2025, we obtained the SBTi's approval of our revised targets which were a change from the previous supplier engagement targets to reduction targets (i.e., the reduction of Scope 3 emissions (Categories 1, 3, 4 and 5) by 27.5% from the FY2019 level by FY2030).

We will accelerate our efforts to reduce emissions by continuing to strengthen our relationships with suppliers, understanding GHG emissions, and switching to low-emitting materials.

Unit: 1,000 tons-CO_2e

		FY2019	FY2022	FY2023	FY2024
Scope1 GHG emissions		367	321	310	☑ 323
Scope 2 GHG emissions		695	550	535	☑ 543
Scope 3 GHG emissions		5,111	4,915	4,573	4,331
Scope 3 GHG emissions (Reduction categories: 1, 3, 4 and 5)		3,556	3,454	3,257	☑ 2,990
Emissions from the supply chain		6,173	5,786	5,419	5,197
Breakdown of Scope3 GHG emissions					
Category 1	Purchased products and services	3,167	3,098	2,909	☑ 2,645
Category 2	Capital goods	111	163	128	☑ 134
Category 3	Fuel and energy-related activities that do not fall under Scopes 1 and 2	158	140	136	☑ 144
Category 4	Transportation and distribution (upstream)	199	188	184	☑ 174
Category 5	Waste generated by operations	32	28	27	☑ 27
Category 6	Business travel	13	9	12	☑ 13
Category 7	Employee commute	18	27	26	☑ 28
Category 8	Leased assets (upstream)	–	–	–	–
Category 9	Transportation and distribution (downstream)	670	626	583	☑ 555
Category 10	Fabrication of sold products	–	–	–	–
Category 11	Use of sold products	197	152	102	☑ 162
Category 12	End-of-life treatment of sold products	522	465	445	☑ 432
Category 13	Leased assets (downstream)	–	–	–	–
Category 14	Franchises	–	–	–	–
Category 15	Investment	24	19	18	18

Calculation method

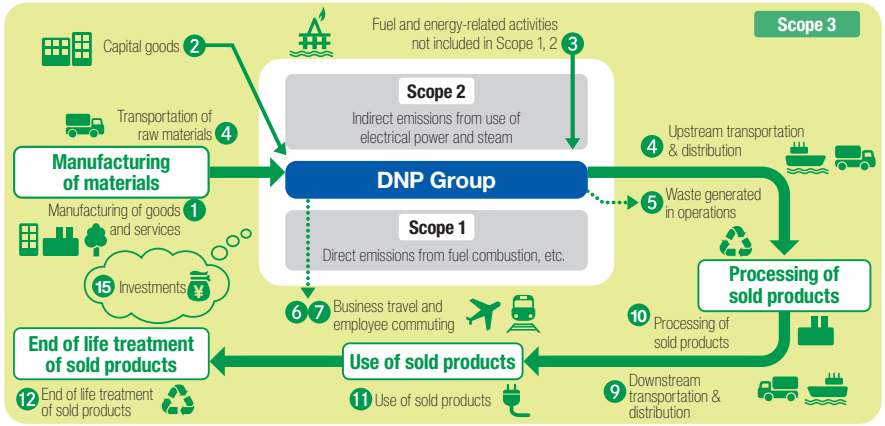
The Ministry of Economy, Trade and Industry (METI) and the Ministry of the Environment (MOE) formulated and released the "General Guidelines on Supply Chain GHG Emission Accounting, Ver 3.5" the standards of which our calculations are based upon.

- Scope 1 emissions attributable to transportation and distribution carried out by group companies were included under Category 4.
- Category 8 is included in Scope 1 and 2.
- Category 10 was excluded from the calculation because the component ratio of end products is extremely small.
- Category 13 and Category 14 are not applicable.

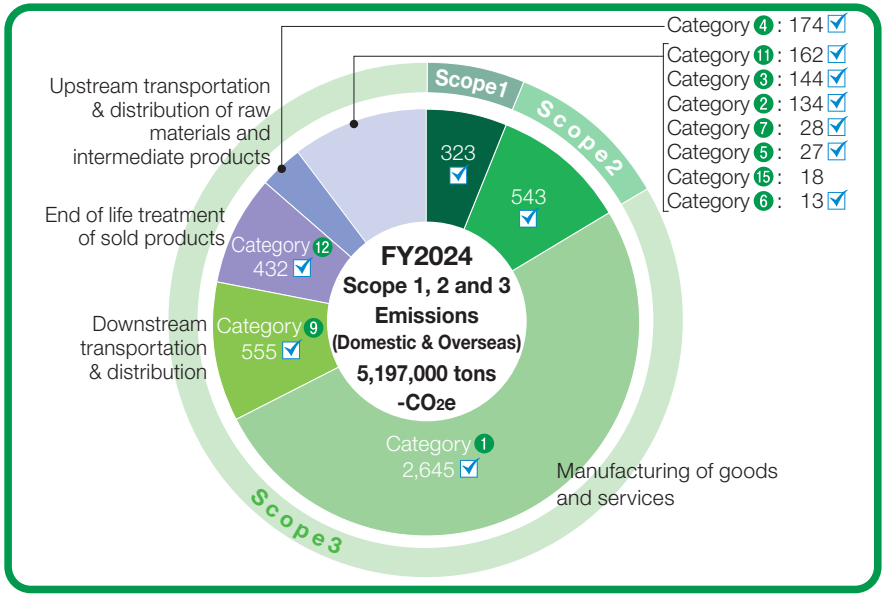
The figures have been calculated using IDEA emission intensity. (IDEA Ver.3.5 was used for FY2024)

Scope of calculations

DNP and its consolidated group companies (excluding the Hokkaido Coca-Cola Group and the Bookstore Group)
As the scope of calculation was expanded, the data was recalculated for FY2019 and FY2022 to 2023.



• Scope 3 GHG emissions (Unit: 1,000 tons-CO_2e)



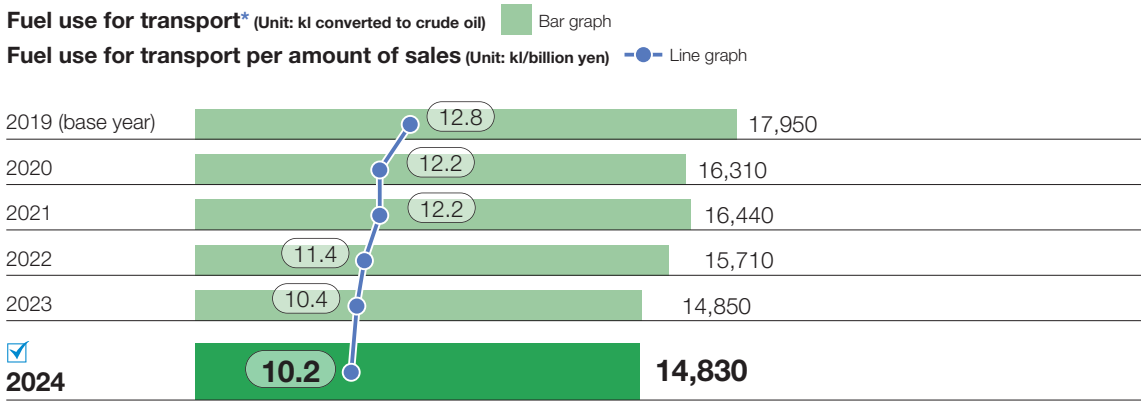
Environmental Management Activities—Achieving a Decarbonized Society

Reduction of GHG emissions

• Transport volume

We are implementing distribution-related environmental impact reduction measures such as the improvement of the loading ratio, the optimization of vehicle distribution and transport routes, improved efficiency through the installation of digital tachometers, an idling-stop campaign, a modal shift to rail transport, and the introduction of hybrid vehicles.

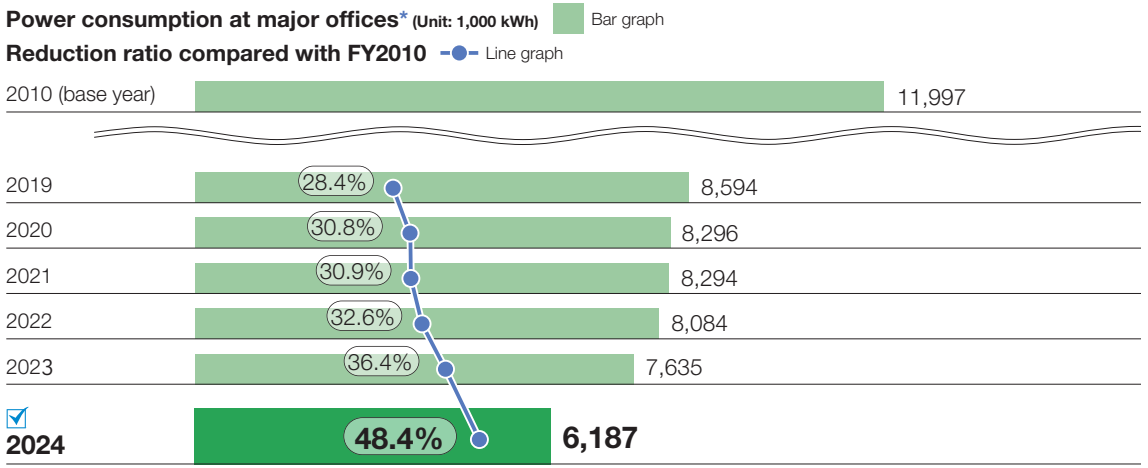
Domestic manufacturing sites FY2024 results
Cargo transport volume: 281 million ton-kilometers
Amount of fuel used for transport: 14,830 kl (converted to crude oil)
CO_2 emissions: 38,914 tons
Per-unit fuel use for transport (amount of fuel used/sales): 10.2 kl/billion yen
20.3% reduction compared with FY2019



*Fuel use during domestic cargo transport

• Global warming measures for offices

The DNP Group has been engaged in efforts to reduce CO_2 emissions for offices since FY2005. We established a target of a 20% reduction in power consumed at our offices throughout Japan compared with FY2010. Specific actions that we are implementing include completely revising the number of lighting fixtures and the level of illumination needed, changing the way air conditioners are operated, and increasing the use of LED lighting.



*25 major offices in Japan under continuous operation during the period FY2010–FY2024

Environmental Management Activities—Realizing a Recycling-Oriented Society

Resource Recycling

DNP Group Environmental Vision 2050 states the DNP Group will work to realize a recycling-oriented society (efficient use of resources) in pursuit of the shift from economic activities characterized by mass production, mass consumption and mass disposal to a circular economy that sustainably uses resources. To this end, we are striving to minimize total unnecessary objects emissions and the landfill waste rate. Additionally, from FY2021, we have encouraged recycling excluding thermal recovery using resource recycling rates as an indicator. We are pushing forward with the efficient use of resources in this way.

• Minimizing total unnecessary objects emissions

We engage in yield improvement activities in production processes to control unnecessary objects (waste and valuable waste) emissions from our Sites. We try to limit our use of materials in production activities to the smallest amount necessary.

Unnecessary objects emissions (Unit: 1,000 tons)

	Total					
2021	264	91	101	41	4	28
2022	245	85	94	37	3	26
2023	247	94	87	37	3	27
2024	**219**	**63**	**86**	**41**	**3**	**26**

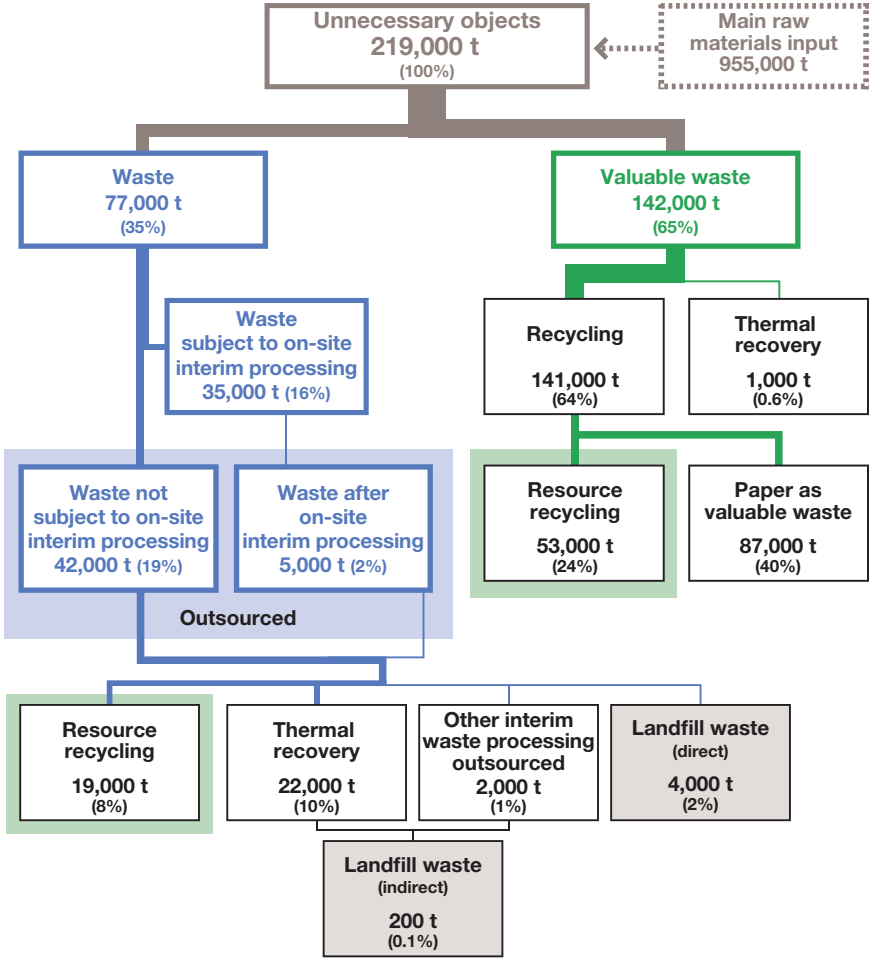
Waste emissions (outsourced) (Unit: 1,000 tons)

	Total					
2021	55	4	35	8	1	7
2022	50	4	31	8	1	6
2023	47	4	28	8	1	6
2024	**47**	**4**	**28**	**9**	**1**	**6**

From left: Smart Communication, Life & Healthcare, Electronics, Other, Overseas

*Past data has been revised due to changes in divisional structure.

• Unnecessary objects processing flow



*Percentages are rounded, so they may not add up to the total.

Environmental Management Activities—Realizing a Recycling-Oriented Society

Resource Recycling

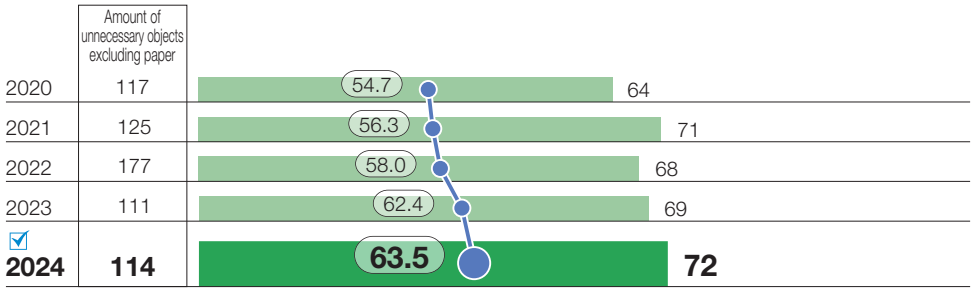
• Promoting the Recycling of Unnecessary objects (Waste and Valuable Waste)

Many different initiatives are under way to increase the resource recycling rate of unnecessary objects (waste and valuable waste) emissions from our sites. In particular, we are focusing on plastics which are a large proportion of waste and accelerating efforts to achieve a 60% resource recycling rate by FY2030. Specifically, we are strengthening (1) change of product specifications to facilitate resource recycling, such as using a single material (shift to mono-material products); (2) promotion of material recycling by separating waste into more detailed segments, and; (3) collaboration with partner companies to shift to chemical recycling.

*Combustion, conversion into solid fuels, and other processes involving heat recovery are treated as thermal recovery and are therefore not included in recycling (resource recycling).

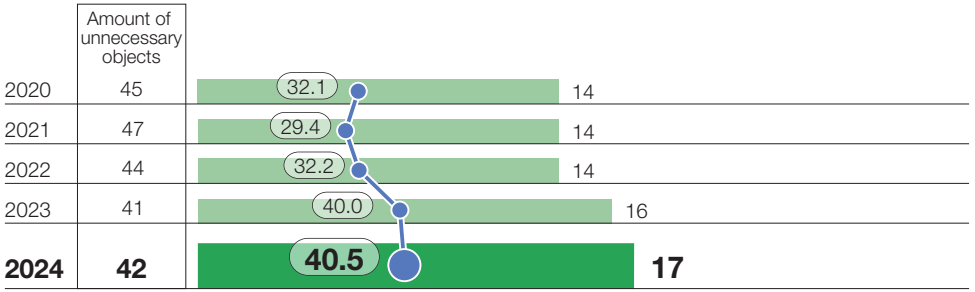
Unnecessary objects overall

Amount of resource recycling (Unit: 1,000 tons) Bar graph
Resource recycling rate (Unit: %) Line graph



Plastic (Japan)

Amount of resource recycling (Unit: 1,000 tons) Bar graph
Resource recycling rate (Unit: %) Line graph



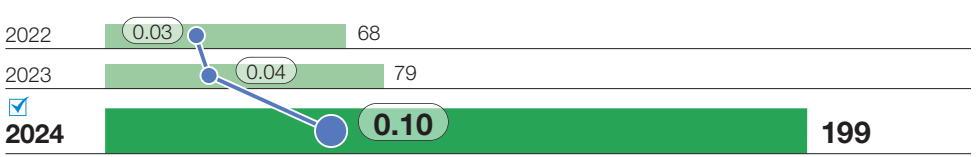
- Resource recycling rate: Amount of resource recycling/Amount of unnecessary objects excluding paper × 100
- Amount of resource recycling: Amount of unnecessary objects excluding paper as valuable waste which have been recycled by means of material recycling or chemical recycling
- Amount of unnecessary objects excluding paper: Amount of unnecessary objects (waste + valuable waste) excluding paper as valuable waste, and the amount of sludge subject to on-site intermediate processing

• Minimizing the landfill waste rate (Japan)

In Japan, we are working to minimize the landfill waste rate with zero emissions as a goal. The Zero Emissions initiative aims to reduce the ratio of landfill waste to the total volume of unnecessary objects to 0.5% or less, and we are working toward achieving this goal.

Landfill waste rate (Japan)

Amount of landfill waste (Unit: tons) Bar graph / **Landfill waste rate** (Unit: %) Line graph



Landfill waste rate: Amount of landfill waste (direct and indirect)/total unnecessary objects emissions × 100

• Volume and breakdown of hazardous/ non-hazardous unnecessary objects (Japan)

Unnecessary objects	Emissions (unit: 1,000 tons)	Breakdown (unit: 1,000 tons)		
		Recycling	Landfill waste	Other
Hazardous (specially controlled industrial waste)	16.7	16.3	0.0	0.5
Non-hazardous (excluding specially controlled industrial waste)	176.1	156.7	0.2	19.3
Total	192.9	172.9	0.2	19.7

Recycling: Total volume recycled via material, chemical, and thermal recycling
Other: Emissions excluding recycling and landfill waste
*Percentages are rounded, so they may not add up to the total.

Environmental Management Activities—Realizing a Recycling-Oriented Society

Effective Use of Water Resources

The size of the risk to water resources differs by country and region. Therefore, at DNP, we carry out surveys of water risk at our manufacturing sites, including our overseas manufacturing sites. We also implement flooding countermeasures in regions with a high risk of flood damage.

• Reducing volume of water used

The DNP Group strives to reduce its water consumption by conserving water, reducing the amount of water supplied to utility systems and increasing the use of recycled water. In the Electronics and Other segments that require a large amount of water, we are making particular efforts to reduce consumption, such as optimizing the amount of water used in manufacturing processes, refining each process, installing water meters to eliminate loss as well as expanding cascade use of washing water.

We are also making effective use of rainwater in our office buildings and other sites.

FY2024 results

Water used: 9,060 [1,000 m³]
Unit water consumption per sales: 6.21 (m³/million yen)

• Use of recycled water

We are working hard to conserve water resources by promoting a closed-loop system in which water is recycled and reused instead of released. In this way we have been able to cut down on the high volume of water required for cleaning our products, air conditioning, and heating and cooling production machinery.

Water use

Unit: 1,000 m³

Intake source	Area	FY2022	FY2023	FY2024
Surface water (clean water and industrial water)	Japan	3,680	3,690	4,670
	Europe	60	60	60
	North America	70	70	90
	Other Asian countries	210	220	240
	Total	4,020	4,040	5,060
Groundwater	Japan	3,270	3,260	4,000
	Europe	1	2	2
	North America	0	0	0
	Other Asian countries	0	0	0
	Total	3,270	3,260	4,000
River water	Japan	0	0	0
	Europe	0	0	0
	North America	0	0	0
	Other Asian countries	0	0	0
	Total	0	0	0
Seawater	Japan	0	0	0
	Europe	0	0	0
	North America	0	0	0
	Other Asian countries	0	0	0
	Total	0	0	0
Total amount		7,290	7,300	☑ 9,060

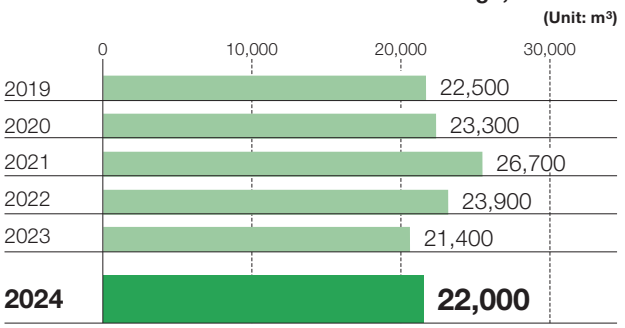
Water discharged

Unit: 1,000 m³

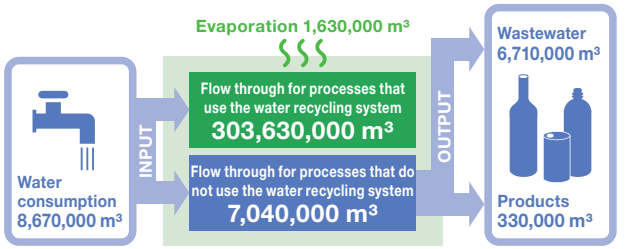
Water discharged destination	Area	FY2022	FY2023	FY2024
Public water area	Japan	2,440	2,580	3,950
	Europe	0	0	0
	North America	0	0	0
	Other Asian countries	50	40	40
	Total	2,490	2,620	3,990
Sewerage networks	Japan	2,910	2,630	2,800
	Europe	60	60	60
	North America	70	70	90
	Other Asian countries	160	170	200
	Total	3,200	2,930	3,150
Underground infiltration	Japan	0	0	0
	Europe	0	0	0
	North America	0	0	0
	Other Asian countries	0	0	0
	Total	0	0	0
Total amount		5,690	5,550	☑ 7,140

*No discharge to seawater Totals may not match the total of the figures in breakdowns due to rounding.
*FY2024 results include the results of CMIC CMO Co., Ltd. and TOMOE Engineering Co., Ltd.

Use of rainwater in domestic office buildings, etc.

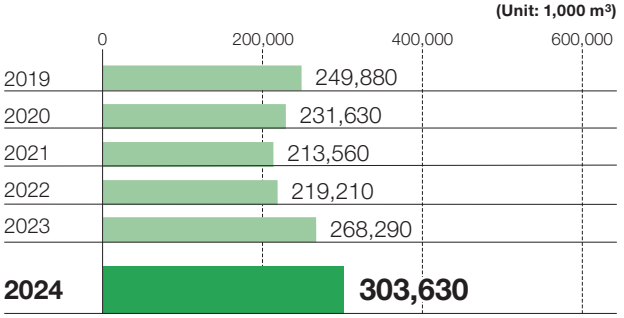


Water input-output in domestic sites



Note: Hokkaido Coca-Cola Bottling and DNP Fine Chemicals use water in products.

Recycled water use in domestic manufacturing sites



Recycled water: Total volume of water that flows through the heat exchange or cleaning equipment in our closed-cycle system in one year

Environmental Management Activities—For the Reduction of Environmental Pollutants

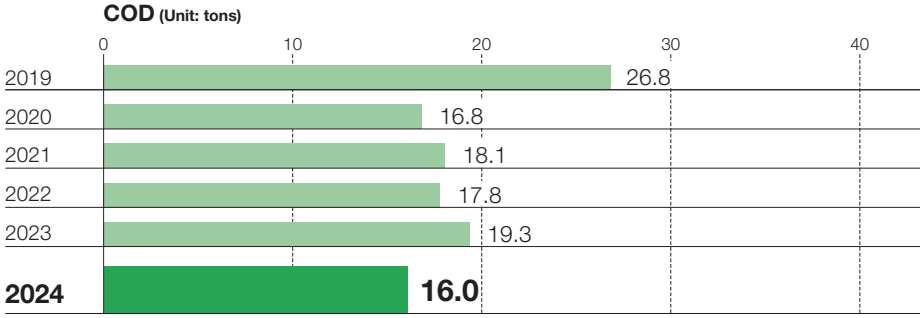
Reducing Water Pollutants

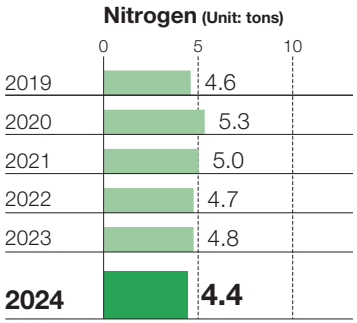
We detoxify and reduce the pollution load of the wastewater from our industrial processes and dining halls by using purification tanks and wastewater treatment equipment to manage wastewater without exceeding legal standards.

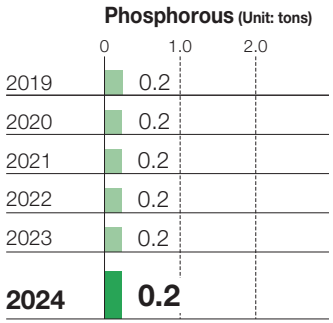
In addition, we regularly inspect and maintain wastewater processing equipment and change filters and absorbent materials.

We also continue to improve wastewater by installing grease traps to prevent oil used in dining halls from spilling from kitchens and providing water quality preservation training including training regarding the proper use of detergents.

Water pollutant emissions







Environmental Management Activities—For the Reduction of Environmental Pollutants

Reducing Air Pollutants

The Air Pollution Control Act regulates substances such as toxic air pollutants and ozone depleting substances, including sulfur oxides (SOx) and nitrogen oxides (NOx), as well as volatile organic compounds (VOCs). These substances have an impact on health and the global environment, causing problems such as photochemical smog and ozone layer depletion. We at the DNP Group are working hard to monitor and reduce emissions of such substances.

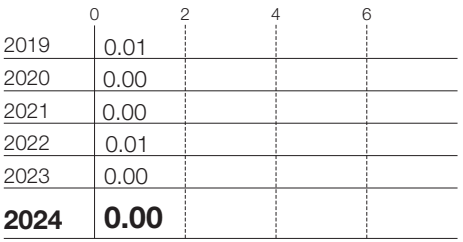
• Reducing VOC emissions

Inks, solvents, adhesives and cleaning solutions used in the printing process contain toluene and other VOCs. The DNP Group's anti-VOC measures not only seek to regulate concentrations as required under the Air Pollution Control Act, but also to reduce emissions overall. We have been switching to substitute products with a lower environmental impact and installing equipment for VOC treatment and solvent recovery.

Atmospheric emissions of VOCs (domestic)
FY2024 results: 3,983 (tons)

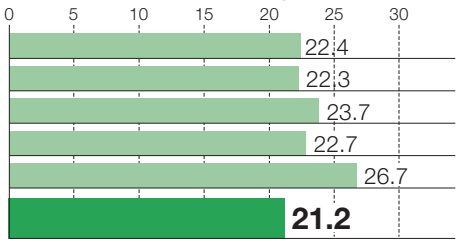
Air pollutant emissions

Dichloromethane (Unit: tons)



Although dichloromethane was mainly used for washing in the printing process, we have pursued a switchover to substitutes and terminated using dichloromethane for washing in 2013. At present, dichloromethane is used at some sites including our laboratory; however, the discharge concentration is extremely low.

Dioxins and dioxin-like compounds (Unit: mg-TEQ)

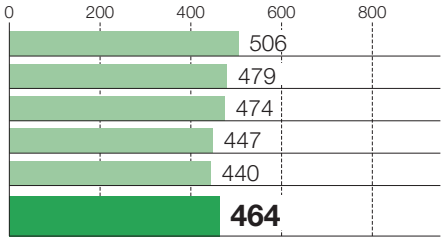


We totally eliminated small furnaces, for which burning control is difficult, and currently have four large-scale furnaces in operation, which are compliant with 2002 regulations.

SOx (Unit: tons)

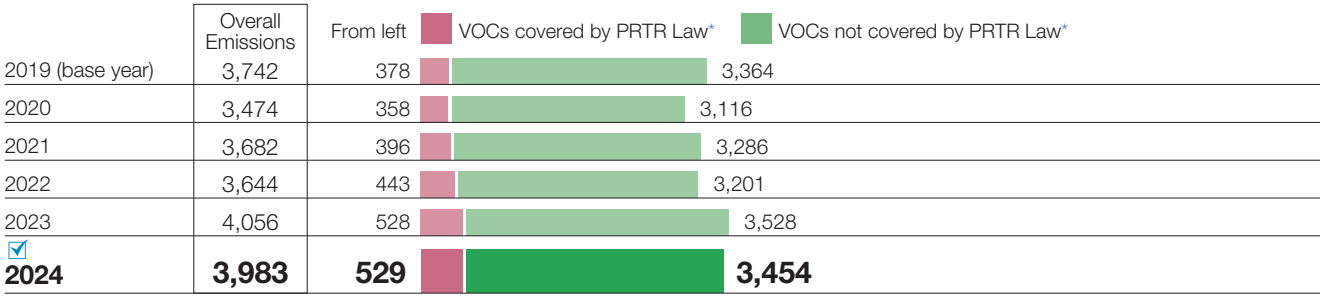
Sulfur oxide is emitted through burning high-sulfur fuel oil and kerosene.

NOx (Unit: tons)



Nitrogen oxide is emitted when fuel is burned in production processes or when electric power is consumed.

Atmospheric emissions of VOCs (Unit: tons)



*PRTR Law: Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

Environmental Management Activities—For the Reduction of Environmental Pollutants

Chemical Substances Subject to the PRTR Law

(Unit: kg, Dioxin and dioxin-like compounds only: mg-TEQ)

Annual amounts of chemical substances handled at each plant above the defined reporting levels set by the PRTR Law are tallied here (amounts listed to 2 significant figures, or to the nearest 0.1 for figures under 1).

Substance	Handled	Consumed	Removed/ consumed	Recycled	To atmosphere	Public waterways	Soil	Sewer	Waste
2-aminoethanol	42,000	–	–	–	–	–	–	–	42,000
Antimony and other chemicals	1,100	910	–	53	–	–	–	–	110
3-Isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	3,900	3,900	3.6	–	0.4	–	–	–	–
Ethylbenzene	180,000	–	120,000	54,000	1,600	–	–	–	2,000
Ethylenediamine	1,600	810	120	–	6.1	–	–	–	690
Xylene	170,000	–	110,000	49,000	2,900	–	–	–	3,000
Cumene	3,500	–	3,500	–	61	–	–	–	–
Chromium and chromium (III) compounds	18,000	7,000	–	4,900	–	–	–	–	6,300
Hexavalent chromium compounds	5,700	3,600	2,000	–	–	–	–	–	78
2-Ethoxyethyl acetate	1,200	–	1,200	–	5.7	–	–	–	–
Inorganic cyanide compounds (except complex salts and cyanate)	3,300	–	290	–	460	–	–	–	2,500
Dichloromethane	29,000	26,000	23,000	–	–	–	–	–	–
N,N-dimethylformamide	100,000	–	7,500	22,000	250	–	–	–	71,000
Dioxins and dioxin-like compounds	–	–	–	–	21	–	–	–	110
Thiourea	1,400	–	1,400	–	–	–	–	–	–
Water soluble copper salts (except complex salts)	160,000	34,000	18,000	110,000	–	–	–	–	240
Sodium dodecyl sulfate	9,000	8,000	–	–	–	–	–	–	–
Triethylamine	2,700	-	200	–	10	–	–	–	2,500
Toluene	8,200,000	1,500,000	4,900,000	250,000	470,000	–	–	–	1,100,000
Naphthalene	11,000	-	9,100	1,600	54	–	–	–	72
Nickel	30,000	11,000	–	19,000	–	–	–	–	–
Nickel compounds	4,800	1,400	–	–	–	–	–	–	3,400
Hydrazine	1,500	1,400	1.4	–	0.1	–	–	–	74
Hexane	58,000	-	5,800	–	770	–	–	–	52,000
1,2,4-Benzenetricarboxylic acid 1,2-anhydride	1,100	960	–	–	–	–	–	–	170
Benzophenone	2,100	2,100	–	–	–	–	–	–	–
Boron compounds	1,100	–	–	–	–	20	–	–	1,100
Poly (oxyethylene) = alkyl ether	7,600	7,300	–	–	–	–	–	–	27
Formaldehyde	680	–	160	–	530	–	–	–	–
Manganese and its compounds	3,200	640	–	270	–	–	–	120	2,100
Methacrylic acid	36,000	34,000	1,700	–	90	–	–	–	130
Methyl methacrylate	58,000	55,000	2,000	–	130	–	–	–	880
Methylnaphthalene	3,000	–	1,200	–	5.9	–	–	–	–
Methylenebis(4,1-phenylene) diisocyanate	13,000	13,000	81	–	1.4	–	–	–	–
Ethylene glycol monobutyl ether	130,000	7,900	110,000	260	300	–	–	–	15,000
Perchloric acid and its ammonium, potassium, sodium, magnesium, and lithium salts	1,400	1,300	–	–	–	–	–	–	52
Diethanolamine	1,200	–	1,000	–	14	–	–	–	190
Cyclohexane	55,000	20,000	29,000	–	1,200	–	–	–	4,400
Cerium and its compounds	7,800	6,600	–	–	–	–	–	–	1,200
Tetrahydrofuran	49,000	–	30,000	–	2,200	–	–	–	18,000
Tetramethylammonium hydroxide	50,000	–	4,900	–	97	–	–	–	45,000
Dodecan-1-thiol	5,300	5,100	240	–	27	–	–	–	–
Trimethylbenzene	52,000	–	34,000	11,000	5,700	–	–	–	690
Bis(2-ethylhexyl) (Z)-but-2-enedioate	1,800	–	1,400	–	110	–	–	–	240
(T-4)-Bis[2-(thioxo-κS)-pyridin-1(2H)-olato-κO] zinc (II)	4,800	4,600	–	–	–	–	–	–	140
Tert-butyl 2-ethylperoxyhexanoate	4,100	4,000	120	–	14	–	–	–	23
2-Tert-butoxyethanol	3,600	–	2,100	–	–	–	–	–	1,500
Hexanedihydrazide	28,000	28,000	–	–	–	–	–	–	860
Heptane	2,800	–	190	–	21	–	–	–	2,600
Methyl isobutyl ketone	830,000	64,000	610,000	23,000	35,000	–	–	–	94,000
N-Methyl-2-pyrrolidone	94,000	260	69,000	4,400	5,100	–	–	–	15,000
☑ **PRTR-listed substances**	**10,530,000**	**1,808,000**	**6,128,000**	**548,000**	**529,500**	**20**	**–**	**120**	**1,533,800**

Environmental Management Activities—Businesses that Contribute to the Attainment of SDGs

Expansion of Eco-friendly Products and Services

At DNP, we have created the Eco-friendly Products and Services Development Guidelines in order to provide eco-friendly products and services from the design stage, so as to reduce the environmental impact of our products and services throughout their lifecycle in accordance with the guidelines. We also use our own evaluation criteria to identify environmentally superior products and services as Super Eco-Products to proactively increase sales.

• Sales of Super Eco-Products

FY2024 results: ¥218.9 billion

The ratio of Super Eco-Products sales to total sales is 15.0%

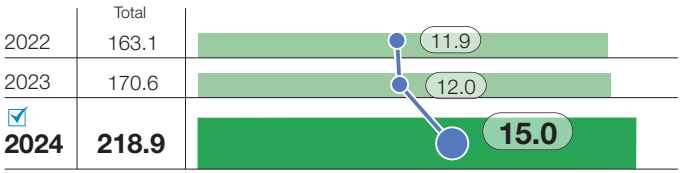
• Number of registered Super Eco-Products

FY2024 results: 11 products or services

Total number of registered products or services: 78

Sales of Super Eco-Products (Unit: billion yen) Bar graph

Percentage of sales that are sales of Super Eco-Products (Unit: %) Line graph



• Example Super Eco-Products

LDF solar power station reflection sheet

The product is laid on the ground at solar power stations equipped with solar cell modules that generate power by receiving light on both sides of the modules. It can increase the amount of electricity generated by increasing the incident light striking the back of the module. This contributes to the efficient generation of renewable electricity.

Biomass-based bike screen material

This is a next-generation bike screen based on bioengineered plastic mainly made from isosorbide, a plant-derived renewable raw material. The use of plants as raw materials contributes to the reduction of GHG emissions as the plants absorb CO_2 in their growth process. The product is functional, eco-friendly, and made from a sustainable material that reduces environmental impact and the use of petroleum resources.

• Guidelines for developing eco-friendly products and services

1 Reduction of environmental pollutants

Elimination of ozone layer-damaging substances, heavy metals and volatile organic compounds, and prevention of release into the environment of nitrous oxides and other substances.

2 Resource and energy conservation, reduction of GHG emissions

Reduce the use of metals and fossil fuels. Promote energy-conserving products and systems.

3 Sustainable use of resources

Utilize natural resources in a sustainable way.

4 Long-term usability

Consider the ease of repair and parts replacement, length of maintenance and repair service, and the expandability of functions.

5 Reusability

For product parts, considerations regarding disassembly, cleaning, and refilling; establishment of a collection and reuse system that is easy for the purchaser to use.

6 Recyclability

Consideration is given to recyclability through the use of easily recyclable materials, designs that facilitate separation, disassembly, and sorting of individual materials, and the creation of collection and recycling systems that are easy for purchasers to use.

7 Use of recycled materials, etc.

Use as many collected and recycled materials and parts as possible.

8 Ease of treatment and disposal

Attempt to place as little burden as possible on incinerator facilities and landfill sites.

9 Making environmental impact visible and taking into consideration biodiversity

Making visible any impact that should be reduced, and aiming to protect biodiversity.

10 Supporting and promoting environmental education and awareness

Helping to create a sustainable society.

Environmental Management Activities—Businesses that Contribute to the Attainment of SDGs

Environmental Label Certification

We have earned environmental labeling certifications such as CoC (Chain of Custody) certification and the Japan Environment Association's Eco Mark. We are working to expand the sale of products and services with these certifications, so that their packaging and advertising can serve as a means to educate consumers properly about the environmental aspects of our goods and services.

• Main Certification Acquisition Results

Eco Mark (Type 1 Environmental Label)	
This environmental label is attached to products recognized as having low environmental impact throughout their lifecycle, from production through disposal, and as being useful to environmental conservation.	**Acquired for DNP's biomass plastic packaging material, Biomatech®, a blend with plant-based materials**
CoC Certification	
CoC (Chain of Custody) This is a certificate of control throughout each stage of processing and distribution	**Acquired for FSC® and PEFC**

Environmental Labeling

Environmental Labeling: This is broadly divided into three types: Type 1, such as the Eco Mark (third party certification); Type 2, in which a company itself makes the declaration (self-declaration); and Type 3, in which environmental information is provided on the label, such as the EcoLeaf (environmental information labeling), with each having specifications under ISO or JIS. Reference information: "Environmental Labeling Database" of the Central Environment Council of the Ministry of the Environment

CoC Certification

Certification Type	Acquired by*	Licensing Number	Registration Organization	Acquisition Date
CoC: FSC®	Information Innovations Operations	FSC®-C022784	SGSHK-COC-001466	August, 2003
	DNP Trading Co.,Ltd.	FSC®-C020374	SGSHK-COC-001584	December, 2003
	Life Design Operations	FSC®-C009084	SGSHK-COC-002411	December, 2005
	DNP Publication Products Co., Ltd.	FSC®-C006469	SGSHK-COC-002546	March, 2006
	Living Space Operations	FSC®-C011519	SGSHK-COC-006636	August, 2009
	DNP America, LLC	FSC®-C017302	SCS-COC-002804	October, 2009
	DNP Europa GmbH	FSC®-C101577	SGSCH-COC-007979	August, 2010
	PT. DNP Indonesia	FSC®-C111983	NC-COC-006063	September, 2012
	DNP SP Innovation Co., Ltd.	FSC®-C121224	JIA-COC-200006	May, 2014
	DNP imagingcomm Europe B.V.	FSC®-C175372	SKH-COC-000661	March, 2022
	Imaging Communications Operations	FSC®-C182001	SGSHK-COC-350726	September, 2022
CoC: PEFC	Life Design Operations	PEFC/01-31-01	SGSJP-PEFC-COC-2000	January, 2004
	DNP Trading Co.,Ltd.	PEFC/31-31-77	SGSJP-PEFC-COC-0313	January, 2008

• [FSC®] Forest Stewardship Council®
• [PEFC] Programme for the Endorsement of Forest Certification Schemes

*The company and divisions names are as of June 2025.

Environmental Management Activities—Realizing a Society in Harmony with Nature

Biodiversity Conservation

Aiming to realize a society in harmony with nature, DNP minimizes its impact on biodiversity throughout the value chain and works to implement initiatives to ensure harmony with regional ecosystems. In accordance with the DNP Group Biodiversity Declaration formulated in March 2010, we examined our relationship with biodiversity in our business activities and selected the following key themes: the sustainable procurement of raw materials and the development of green spaces on business sites.

To be specific, we focus on green space development around and within business sites, carrying out activities to preserve endangered species and creating green spaces in harmony with regional ecosystems. Through these activities, we aim to reduce the risk of feeding damage due to the overharvesting of plants and animals and the risk of invasive species and promote communication activities with various stakeholders, including communities, in cooperation with the national government, local governments and environmental organizations to develop a nature-positive value chain.

DNP Group Biodiversity Declaration

We, the DNP Group, based on our appreciation for nature's bounty and recognition that out business activities impact the environment will help build a sustainable society by fulfilling our social responsibility to protect biodiversity.

1. We view protection of biodiversity as an essential issue to be considered in all of our business activities, including business planning, research, project planning, product development, design, production, and sales.
2. We will evaluate, understand, and analyze how we affect biodiversity through such actions as using energy and water resources, procuring raw materials, and disposing of chemical substances.
3. In order to broaden our biodiversity protection activities, we will share our understanding of related issues with customers, suppliers, local community members and other stakeholders, and promote cooperative action with them.
4. We will enhance understanding and awareness of biodiversity-related issues among all of our employees, and strive to make them more conscious of the importance of protecting biodiversity.

March 16, 2010
Sustainability Committee

Topics

DNP Ichigaya-no-Mori receives Special Prize for the Global Environment Award

Ichigaya-no-Mori won the Special Prize in recognition of its contribution to coexistence with the global environment, creativity, leadership, high-level environmental philosophy, action plans for the realization of a sustainable society, initiatives to accomplish the SDGs, and progressive activities that can be models for contributing to the preservation of the global environment.

• Procurement of raw materials

In August 2012, DNP developed the DNP Group Guidelines for Procurement of Paper for Printing and Converting to achieve zero deforestation and maintain sustainable forest resources because in DNP's business activities, the procurement of paper relies heavily on and greatly affects the ecosystem. The guidelines stipulate selection criteria for suppliers and paper. Our goal is that 100% of the paper we procure is guideline compliant. We promote the use of wood from tree thinning, proactively use FSC®-certified paper, and ensure traceability to advance responsible raw material procurement.

• Creation of greenery areas at business sites

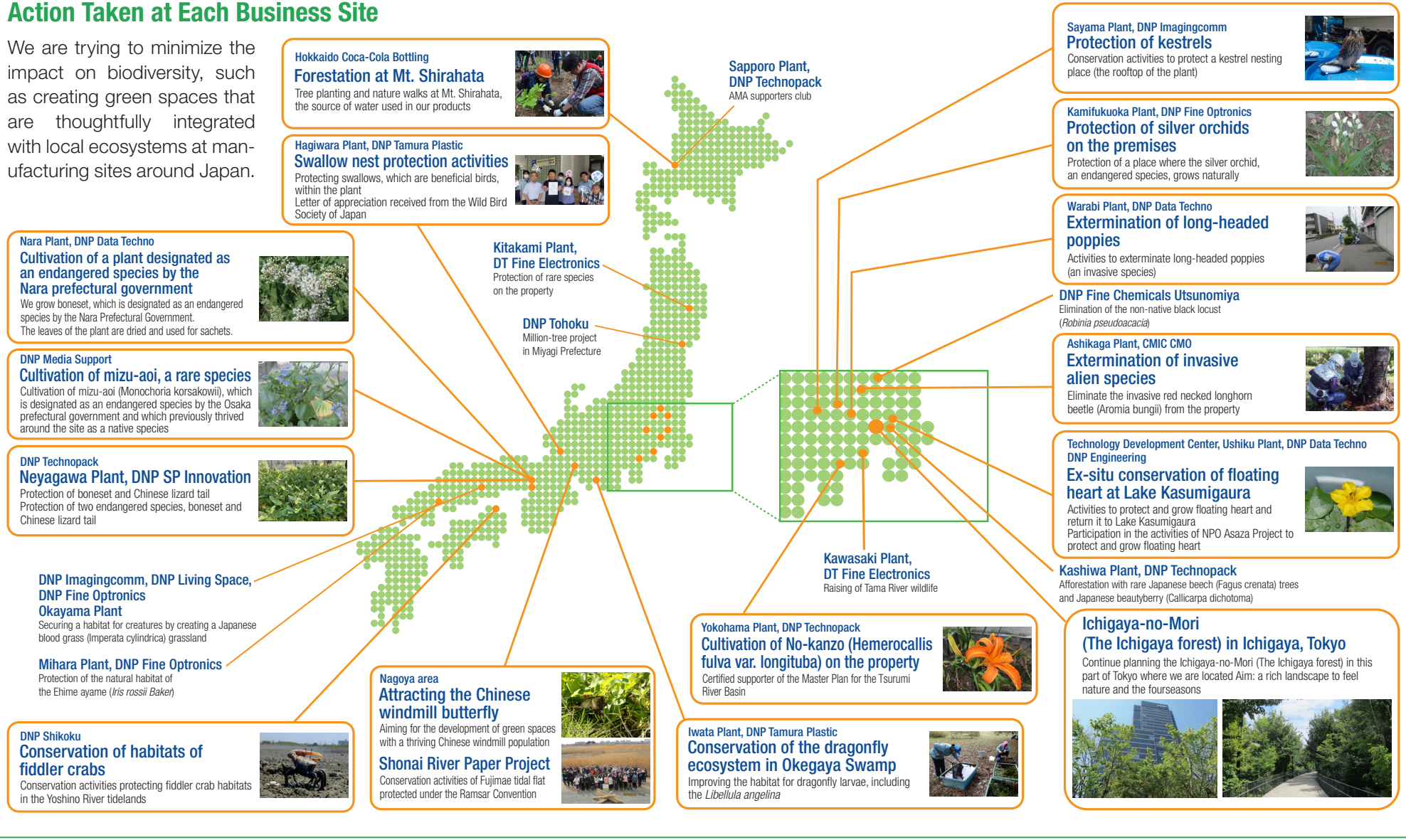
DNP is promoting creation of greenery areas at business sites to establish a connection with the surrounding environment and its creatures. We can prevent the theft of animals and plants, overhunting, and overharvesting in the greenery areas of business sites because entry into them is managed. The greenery areas can contribute significantly to the preservation of biodiversity with a low risk of supporting the damage caused by invasive species and natural predators. DNP is carrying out community-based biodiversity conservation activities on the premises of our sites, including the preservation of endangered species and the creation of greenery areas in light of regional ecosystems.

Environmental Management Activities—Realizing a Society in Harmony with Nature

Biodiversity Conservation

Action Taken at Each Business Site

We are trying to minimize the impact on biodiversity, such as creating green spaces that are thoughtfully integrated with local ecosystems at manufacturing sites around Japan.



Environmental Activities Data

Environmental Accounting

As an environmental management tool and as a tool for communicating with society, the DNP Group calculates and publicizes its environment-related costs in accordance with the Ministry of the Environment's *Environmental Accounting Guidelines* (2005 Edition). The scope of calculation covers DNP and its consolidated subsidiaries (more specifically, manufacturing sites, development centers, office buildings and sales offices of manufacturing companies and a distribution company in Japan).

Category	Investment (million yen)		Expense (million yen)		Details of major efforts	Page(s) on which data is listed
	FY2023	**FY2024**	FY2023	**FY2024**		
(1) Business area costs						
1) Pollution prevention costs	466	**630**	691	**857**	VOC collection and disposal equipment, wastewater treatment facility	18, 27-29
2) Global environmental conservation costs	2,090	**2,401**	293	**541**	Switching to energy-saving facilities and lighting	18, 19-23
3) Resource circulation costs	113	**137**	1,648	**4,946**	Furnace improvements, separation recycling, zero emissions (conversion to RPF/cement ingredients), resource recycling	18, 24, 25
(Total business area costs)	2,668	**3,167**	2,632	**6,344**		
(2) Up/downstream costs	0	**0**	140	**151**	Container and packaging recycling expense burden, recycling system development	30, 31
(3) Administration costs	0	**19**	2,458	**2,246**	ISO 14001 inspection and registration costs, environmental education costs, environmental report composition costs	10-13, 15-16, 31
(4) R&D costs	0	**0**	5,316	**5,739**	Research and development into environmentally conscious products and services and production methods	17, 30
(5) Social activities costs	0	**0**	15	**16**	Environmental conservation of areas outside plant compounds, biodiversity conservation, support for activities of environmental conservation groups	32, 33
(6) Environmental remediation	0	**0**	0	**6**	Monitoring	14
Total	2,668	**3,186**	10,561	**14,502**		

● Environmental conservation costs to total costs ratio

Category	Consolidated total costs (million yen)	Costs (million yen)	Ratio
Investment of current period (FY2024)	76,600	3,186	4.16%
R&D cost of current period (FY2024)	37,561	5,654	15.05%

Environmental Activities Data

Environmental Accounting

(1) Environmental conservation benefit related to resources input into business activities

Category of environmental conservation benefit	Category of indicator showing benefit	Indicator values			Remarks	Page(s) on which data is listed
		FY2023	**FY2024**	Difference		
1) Benefit arising from supplied resources						
Total energy input volume	Energy consumption (TJ)	13,540	**14,370**	830		17-23
	Unit consumption per sales for the above (TJ/billion yen)	9.5	**9.9**	0.4	Energy consumed per billion yen of domestic production	17-23
Input volume of water	Water usage (1,000 m^3)	7,300	**9,060**	1,760		17-19, 26
	Unit consumption per sales for the above (1,000 m^3/billion yen)	5.1	**6.2**	1.1	Water usage per billion yen of domestic production	17-19, 26
Input volume of main raw materials	Supplied amount (1,000 tons)	989	**955**	−34		18, 24
	Amount of unnecessary objects generated/ supplied (%)	25.0	**22.9**	−2.1	Ratio of unnecessary objects to main raw materials	18, 24
2) Environmental conservation benefit related to waste or environmental impact originating from business activities						
Emissions to the air	SOx emissions (tons)★	5.5	**9**	3.5		18, 28
	NOx emissions (tons)★	440	**464**	24		18, 28
	Environmental pollutant emissions volume (tons)	13,351	**12,878**	−473	VOC emissions	17-19, 28
Water quality	COD discharge (tons)★	19.3	**16.0**	−3.3		18, 27
	Emissions of environmental pollutants (PRTR-listed substances) (tons)	0.0	**0.2**	0.0	None of the substances falls within the scope of reporting	29
Disposal of unnecessary objects	Unnecessary objects emissions (1,000 tons)	247	**219**	−28	Including unnecessary objects other than main raw materials	18, 19, 24
	Waste emissions (1,000 tons)	46.6	**47.0**	0.4		18, 24
	Unit consumption per sales for the above (tons/billion yen)	174	**150**	−24	Waste emissions per billion yen of sales	19
	Recycling rate (%)★	98.8	**98.5**	−0.3	Recycling rate of major unnecessary objects relative to total unnecessary objects emissions By category: Paper 99.8%, Plastics 95.6%, Metals 99.1%	25
	Emissions of environmental pollutants (PRTR-listed substances) (tons)★	1,754	**1,534**	−220	Total for 28 substances reported	29
Volume of GHG emission	GHG emissions (1,000 t-CO_2e)	846	**866**	20		17-23
	Unit consumption per sales for the above (tons-CO_2e/billion yen)	590	**590**	0	CO_2 emissions per billion yen of sales	17-23

★ Domestic only

Environmental Activities Data

Environmental Accounting

(2) Environmental conservation benefit related to goods and services produced by business activities

Category of environmental conservation benefit	Category of indicator showing benefit	Indicator values FY2023	Indicator values **FY2024**	Indicator values Difference	Remarks	Page(s) on which data is listed
Benefit related to goods produced by business activities						
CO_2 emissions after product shipment	CO_2 emissions (1,000 t-CO_2e)★	1,094	**1,158**	64	Total of part of Category 4, Categories 9, 10, 11 and 12 of Scope 3	20, 22
	CO_2 emissions / domestic sales (1,000 t-CO_2e/billion yen)	0.77	**0.79**	0.00	CO_2 emissions per billion yen of domestic sales	20, 22

(3) Other environmental conservation benefit

Category of indicator showing benefit	FY2023	**FY2024**	Difference	Remarks	Page(s) on which data is listed
Benefit related to the environmental impact of transportation					
Energy usage amount during shipment of goods (kl)★	14,850	**14,830**	−20	Energy consumption converted to crude oil during transport as a cargo owner	23
Energy usage amount during transport / gross sales (kl/billion yen)	10.4	**10.2**	−1.3	Emissions per billion yen of sales	23

Economic benefits of environmental conservation activities	Amount (million yen) FY2023	Amount (million yen) **FY2024**	Amount (million yen) Difference	Remarks	Page(s) on which data is listed
(1) Increased sales **1) Economic benefit of R&D costs**					
Sales of environmentally conscious products and services	170,590	**218,919**	48,330		17, 30
(2) Increased income **2) Benefit of resource recycling costs**					
Income from recycling unnecessary objects★	1,883	**1,900**	18	Sale price of waste plastics and waste oil	24

★ Domestic only

Environmental Activities Data

Results of Efforts

FY1972	Establishes the Environment Department within the head office to promote pollution prevention measures and communication with local residents
FY1990	Makes new efforts to deal with global environmental issues by establishing the Eco-Plan Promotion Office within the Environment Department
FY1992	Establishes the DNP Group Corporate Pledge and Code of Conduct for DNP Group Employees
FY1993	Starts the Eco-Report System, which is part of the DNP Group's environmental management system
FY1994	Remodels and expands the Environment Department into the Environment & Product Liability Department to strengthen our efforts towards comprehensive environmental issues, including product liability
FY1995	DNP wins the International Trade and Industry Minister's Prize in the 4th Grand Prize for the Global Environment Award. (The award was established in 1991 by the Japan Industrial Journal and the Fuji Sankei Communications Group, with special support by WWF Japan and sponsorship by the Environmental Agency, the Ministry of Economy, Trade and Industry and the Japan Federation of Economic Organizations)
FY1996	Begins performing Eco-Audits, the internal environmental audit performed by the Eco-Plan Promotion Office to upgrade the Eco-Report System
FY1997	Okayama Plant, Information Media Supplies Operations becomes the first in the printing industry to acquire ISO 14001 certification
FY1998	Publishes the DNP Group Environmental Activity Report
FY2000	The Eco-Plan Promotion Office is dismantled and replaced with the DNP Environmental Committee to strengthen the system for promoting environmental activities
	DNP Facility Services becomes the first in the world to be certified for its comprehensive system with quality, environment, office safety, and HACCP
FY2002	DNP Tokai acquires FSC®-COC certification
FY2003	Environmental Report Division receives the 6th Environmental Report Grand Prize for superior reporting
	Two types of fused thermal transfer materials of the Information Media Supplies Operations receive EPD "Type III" environmental labeling certification and registration
FY2004	DNP wins the Minister for the Environment's Prize in the 14th Grand Prize for the Global Environment Award
	7th Environmental Report Prize awarded for excellence
FY2005	8th Environmental Report Prize / Sustainability Report Prize awarded for excellence
FY2007	PRTR 2007 Awards PRTR Honorable Mention (Tsuruse Plant)
FY2009	Kanto Bureau of Economy, Trade and Industry Energy Management In Business Superiority Award (received by Akabane Plant, Commercial Printing Operations)
FY2010	Revision of DNP Group Environmental Targets
FY2011	DNP's independently developed Energy-Saving Total Management System is implemented at 36 Tokyo Electric Power locations
	Reductions in power consumption in the processes of manufacturing photomasks earns DNP the Energy Conservation Grand Prize for excellent energy conservation equipment, Jury's Special Prize awarded by the Energy Conservation Center, Japan (ECCJ)
FY2012	Guidelines for Procurement of Paper for Printing and Converting are established
	Volume of GHG emissions are announced according to Scope 3 standards
FY2013	Green Procurement Guidelines for Chemical Substances are set and management of chemical substances in products is strengthened
FY2014	Climate change prevention targets for FY2030 are set
	DNP wins a Prize of Excellence (Judge's Prize) at the 18th Environmental Communication Awards
FY2015	DNP Group environmental targets are revised
	CDP places DNP on its "A List"
FY2016	DNP wins 26th Grand Prize for the Global Environment Award, Japan Business Federation Chairman's Prize
	DNP wins Biodiversity Action Award Japan 2016
FY2017	Hokkaido Coca-Cola Bottling wins a Special Review Panel Award in the 19th Japan Water Awards
	Ichigaya-no-Mori (The Ichigaya forest) certified by the ABINC
FY2018	DNP's GHG reduction targets approved by the SBT (Science Based Targets) Initiative
	Ichigaya-no-Mori (The Ichigaya forest) certified by the SEGES
	DNP wins 28th Grand Prize for the Global Environment Award, Grand Prize
FY2019	DNP endorses recommendations of Task Force on Climate related Financial Disclosures (TCFD).
	DNP is included in CDP's CDP Supplier Engagement leaderboard.
	Ichigaya-no-Mori (The Ichigaya forest) wins Award of Excellence in 2nd ABINC Awards.
	DNP formulates DNP Group Environmental Vision 2050.
FY2020	DNP is included in CDP's CDP Supplier Engagement leaderboard.
	Ichigaya-no-Mori (The Ichigaya forest) renewed the certifications of SEGES and ABINC
FY2021	Selected as an Environmentally Sustainable Company in the Environmentally Sustainable Companies category of the 3rd ESG Finance Awards Japan
	On the CDP Supplier Engagement Rating Leaderboard
FY2022	DNP is certified as an A-listed company, the highest CDP rating in climate change, and is included in the CDP Supplier Engagement Rating Leaderboard.
	For the second consecutive year, DNP has been selected as an Environmentally Sustainable Company in the Environmentally Sustainable Companies category of the 4th ESG Finance Awards Japan.
FY2023	Ichigaya-no-Mori (The Ichigaya forest) selected as a Nature Coexistence Site by the Ministry of the Environment. Received the Minister of Land, Infrastructure, Transport and Tourism Award at the 43rd Green City Awards
	DNP won the bronze award in the Environmental Sustainability Company category at the 5th ESG Finance Awards Japan, sponsored by the Ministry of the Environment.
	Certified as an A-list company, the highest CDP rating for climate change initiatives, for two consecutive years Achieved the highest Supplier Engagement Rating for five consecutive years
	Expanded the scope of third-party certification for its carbon footprint calculation system
FY2024	Revision of DNP Group Environmental Targets
	Certified as an A-list company for three consecutive years in the CDP rating for climate change initiatives. Certified as an A-list company for the first time for water security. Included in the CDP Supplier Engagement Rating Leaderboard for six consecutive years.
	Won the Bronze Prize in the Environmentally Sustainable Companies category of the 6th ESG Finance Awards Japan hosted by the Ministry of the Environment
	Certified as a Water Circulation ACTIVE Company in the Water Circulation Company Registration and Certification System run by the Cabinet Secretariat
	Won the Grand Prize in the 25th Green Purchasing Award hosted by the Green Purchasing Network (GPN)
	The eco-friendly Label Slip won the Encouragement Prize in the 7th EcoPro Awards hosted by the Sustainable Management Promotion Organization (SuMPO)
	Certified as an Aichi Biodiversity Company by Aichi Prefecture

Note: Organizations and the names used for them as of that time

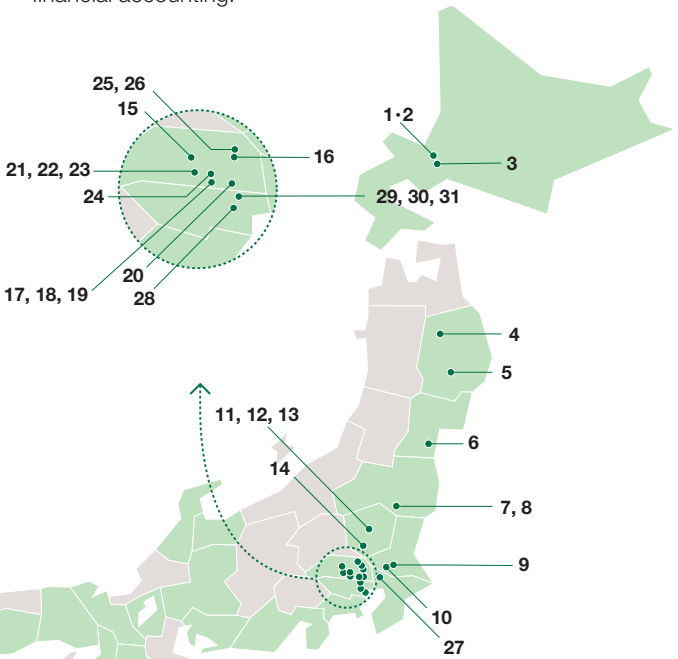
Environmental Activities Data

Manufacturing Sites with Required Business Performance Data Disclosure

Domestic Manufacturing Sites with Required Business Performance Data Disclosure (1)

Organizations and the names used for them are current as of March 31, 2025.

Applies to DNP and non-manufacturing sites of all domestic companies in the group that are subject to consolidated financial accounting.



DNP High-performance Materials Hikone Co., Ltd. and DNP Hikari Kinzoku Co., Ltd. were acquired as a subsidiary in FY2024, and data from them will be included in the consolidated results starting from FY2025.

Business segments

●	**Smart Communication**	"Other" refers to products that do not fall under the three segments or Group companies manufacturing products that span multiple segments.
▲	**Life & Healthcare**	
■	**Electronics**	
□	**Other**	

Location		No.	Business segment	Site	Work content
Hokkaido	Higashi-ku, Sapporo	1	●	Sapporo Plant, DNP Graphica Sapporo Plant, DNP Data Techno	Printing / bookbinding Manufacturing of secure business-related products
		2	▲	Sapporo Plant, DNP Technopack	Manufacturing of packaging
	Kiyota-ku, Sapporo	3	▲	Sapporo Plant, Hokkaido Coca-Cola Products	Manufacturing of beverages
Iwate	Hachimantai	4	▲	Nishine Plant, CMIC CMO Co., Ltd.	Development of formulations for pharmaceuticals and related products
	Kitakami	5	■	Kitakami Plant, D.T. Fine Electronics	Manufacturing of electronic precision parts
Miyagi	Miyagino-ku, Sendai	6	●	Sendai Plant, DNP Graphica	Printing / bookbinding
Fukushima	Izumizaki, Nishi Shirakawa	7	▲	Izumizaki Plant, DNP Technopack	Manufacturing of packaging
		8	▲	Izumizaki Plant, DNP High-performance Materials	Manufacturing of solar cell filler
Ibaraki	Ushiku	9	●	Ushiku Plant, DNP Data Techno	Manufacturing of secure business-related products
	Tsukuba	10	□	Tsukuba Techno Center, DNP Engineering	Manufacturing of printing machines and machine tools
Tochigi	Tochigi	11	●	Utsunomiya Plant, DNP Graphica	Printing / bookbinding
		12	▲	Utsunomiya Plant, DNP Technopack	Manufacturing of packaging
		13	▲	DNP Fine Chemicals Utsunomiya	Manufacturing of pharmaceutical active ingredients and related products
	Ashikaga	14	▲	Ashikaga Plant, CMIC CMO Co., Ltd.	Development of formulations for pharmaceuticals and related products
Saitama	Higashimatsuyama	15	●	Higashimatsuyama Plant, Oguchi Book Binding & Printing	Bookbinding
	Shiraoka	16	●	Shiraoka Plant, DNP Book Factory	Printing / bookbinding
	Miyoshi, Iruma	17	▲	Tokyo Plant, DNP Living Space	Manufacturing, printing, and processing of building materials
		18	▲	Tsuruse Plant, DNP High-performance Materials	Manufacturing of lithium ion battery outer cover materials
		19	●	Miyoshi Plant, Oguchi Book Binding & Printing	Bookbinding
	Warabi	20	●	Warabi Plant, DNP Data Techno	Manufacturing of secure business-related products
	Sayama	21	▲	Sayama Plant, Production of Flexible Packaging Division, DNP Technopack	Manufacturing of packaging
		22	▲	Sayama Plant, Production of Paper Packaging Division, DNP Technopack	Manufacturing of packaging
		23	●	Sayama Plant, DNP Imagingcomm	Dye-sublimation and melt-type thermal transfer Manufacturing and processing of recording materials
	Fujimino	24	■	Kamifukuoka Plant, DNP Fine Optronics	Manufacturing of electronic precision parts
	Kuki	25	●	Kuki Plant, Publishing Innovation Operations	Printing / bookbinding
		26	▲	Kuki Plant, DNP High-performance Materials	Manufacturing of battery components and related materials
Chiba	Kashiwa	27	▲	Kashiwa Plant, DNP Technopack	Manufacturing of packaging
Tokyo	Shinjuku-ku	28	●	Enoki-cho Plant, DNP Graphica	Printing / bookbinding
	Kita-ku	29	●	Kamiya Plant, DNP SP Innovation	Manufacturing of all types of advertising items
		30	▲	DNP Hoso	Processing filling and packaging
		31	●	Kamiya Plant, DNP Data Techno	Manufacturing of secure business-related products

Company name and organization names as of March 31, 2025 are used here.

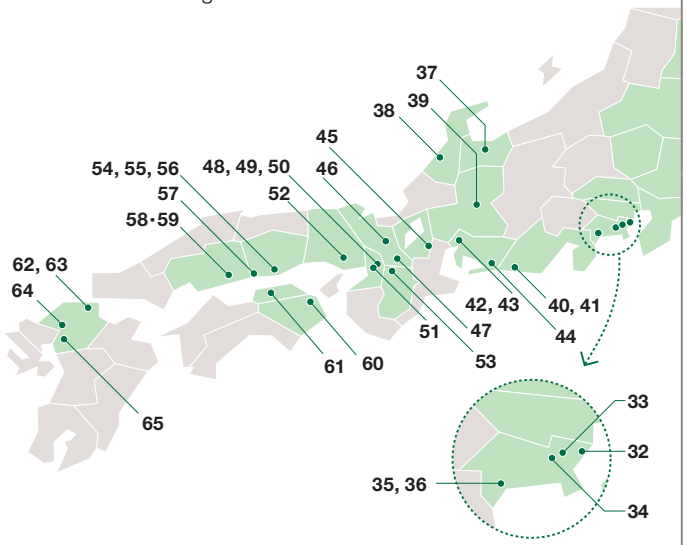
Environmental Activities Data

Manufacturing Sites with Required Business Performance Data Disclosure

Domestic Manufacturing Sites with Required Business Performance Data Disclosure (2)

Organizations and the names used for them are current as of March 31, 2025.

Applies to DNP and non-manufacturing sites of all domestic companies in the group that are subject to consolidated financial accounting.



DNP High-performance Materials Hikone Co., Ltd. and DNP Hikari Kinzoku Co., Ltd. were acquired as a subsidiary in FY2024, and data from them will be included in the consolidated results starting from FY2025.

Business segments

●	**Smart Communication**	"Other" refers to products that do not fall under the three segments or Group companies manufacturing products that span multiple segments.
▲	**Life & Healthcare**	
■	**Electronics**	
□	**Other**	

Location		No.	Business segment	Site	Work content
Kanagawa	Kawasaki	32	■	Kawasaki Plant, D.T. Fine Electronics	Manufacturing of electronic precision parts
	Tsuzuki-ku, Yokohama	33	▲	Yokohama Plant, DNP Technopack	Manufacturing of packaging
	Midori-ku, Yokohama	34	□	Tokyo Plant, DNP Fine Chemicals	Manufacturing of chemicals, etc.
	Odawara	35	▲	Odawara Plant, Sagami Yoki	Manufacturing of various plastic tubes
	Aikawa, Aiko	36	▲	Tokyo Plant, DNP Ellio	Printing and processing metal sheets
Toyama	Imizu	37	▲	Toyama Plant, CMIC CMO Co., Ltd.	Development of formulations for pharmaceuticals and related products
Ishikawa	Hakusan	38	□	Hokuriku Techno Center, DNP Engineering	Manufacturing of secure business-related products
Gifu	Gero	39	▲	Hagiwara Plant, DNP Tamura Plastic	Manufacturing of car supplies and various types of plastic products
Shizuoka	Shimada	40	▲	Shizuoka Plant, CMIC CMO Co., Ltd.	Development of for mulations for pharmaceuticals and related products
	Iwata	41	▲	Iwata Plant, DNP Tamura Plastic	Manufacturing of car supplies and various types of plastic products
Aichi	Moriyama-ku, Nagoya	42	●	Nagoya Plant, DNP Graphica	Printing / bookbinding
	Minami-ku, Nagoya	43	▲	DNP Hikari Kinzoku Co., Ltd.	Manufacturing of car supplies and various types of plastic products
	Toyohashi	44	▲	Tomoe Resin Co., Ltd.	Manufacturing and sale of plastic injection molded parts
Shiga	Hikone	45	▲	DNP High-performance Materials Hikone Co.,Ltd.	Manufacturing of lithium ion battery outer cover materials
Kyoto	Minami-ku, Kyoto	46	●	Kyoto Plant, DNP Data Techno	Manufacturing of secure business-related products
	Kyotanabe	47	▲	Kyotanabe Plant, DNP Technopack	Manufacturing of packaging
Osaka	Neyagawa	48	▲	Neyagawa Plant, DNP Technopack	Manufacturing of packaging
		49	▲	Osaka Plant, DNP Ellio	Printing and processing metal sheets
		50	●	Neyagawa Plant, DNP SP Innovation	Manufacturing of all types of advertising items
	Kadoma	51	●	DNP Media Support	Manufacturing of magnetic cards
Hyogo	Ono	52	●	Ono Plant, DNP Graphica	Printing / bookbinding
Nara	Kawanishi, Shiki	53	●	Nara Plant, DNP Data Techno	Manufacturing of secure business-related products
Okayama	Okayama	54	●	Okayama Plant, DNP Imagingcomm	Manufacturing of dye-sublimation transfer materials
		55	▲	Okayama Plant, DNP Living Space	Manufacturing, printing, and processing of building materials
		56	■	Okayama Plant, DNP Fine Optronics	Manufacturing of electronic parts
	Kasaoka	57	□	Kasaoka Plant, DNP Fine Chemicals	Manufacturing of chemicals, etc.
Hiroshima	Mihara	58	■	Mihara East Plant, DNP Fine Optronics	Manufacturing of electronic precision parts
		59	■	Mihara West Plant, DNP Fine Optronics	Manufacturing of electronic parts
Tokushima	Tokushima	60	□	DNP Shikoku	Plate-making / printing / manufacturing of packaging
Kagawa	Sakaide	61	▲	Sakaide Plant, Sagami Yoki	Manufacturing of various plastic tubes
Fukuoka	Yahatahigashi-ku, Kitakyushu	62	■	Kurosaki Plant, DNP Fine Optronics	Manufacturing of electronic precision parts
	Tobata-ku, Kitakyushu	63	▲	Tobata Plant, DNP High-performance Materials	Manufacturing of lithium ion battery outer cover materials
	Minami-ku, Fukuoka	64	●	Fukuoka Plant, DNP Graphica Fukuoka Plant, DNP Data Techno	Manufacturing, printing, and bookbinding of secure business-related products
	Chikugo	65	▲	Chikugo Plant, DNP Technopack	Manufacturing of packaging

Company name and organization names as of March 31, 2025 are used here.

Environmental Activities Data

Manufacturing Sites with Required Business Performance Data Disclosure

Overseas Manufacturing Sites with Required Business Performance Data Disclosure

Business segments

●	Smart Communication
▲	Life & Healthcare
■	Electronics

Hikari Tanyou Co., Ltd. was acquired as a subsidiary in FY2024, and data from it will be included in the consolidated results starting from FY2025.

Country	City	No	Business segment	Site	Work content
Italy	Agrate Brianza	①	■	DNP Photomask Europe S.p.A.	Manufacturing of semiconductor photomasks
Denmark	Karlslunde	②	■	DNP Denmark A/S	Manufacturing and processing of electronic precision parts and lithium-ion battery components
Netherlands	Amsterdam	③	●	DNP Imagingcomm Europe B.V.	Dye-sublimation and melt-type thermal transfer Manufacturing and processing of recording materials
USA	Concord, NC	④	●	DNP Imagingcomm America Corporation	Dye-sublimation and melt-type thermal transfer Manufacturing and processing of recording materials
	Pittsburgh, PA	⑤	●	DNP Imagingcomm America Corporation	Dye-sublimation and melt-type thermal transfer Manufacturing and processing of recording materials
	Cranbury	⑥	▲	CMIC CMO USA Corporation	Development of formulations for pharmaceuticals and related products
Malaysia	Johor Bahru	⑦	●	DNP Imagingcomm Asia Sdn. Bhd.	Dye-sublimation and melt-type thermal transfer Manufacturing and processing of recording materials
Indonesia	Pulo Gadung	⑧	▲	PT DNP Indonesia	Manufacturing of packaging
	Karawang	⑨	▲	PT DNP Indonesia	Manufacturing of packaging
Vietnam	Binh Duong Province	⑩	▲	DNP Vietnam Co., Ltd.	Manufacturing of packaging
Korea	Bucheon	⑪	▲	CMIC CMO Korea Co., Ltd.	Development of formulations for pharmaceuticals and related products
China	Jiangsu	⑫	▲	Hikari Tanyou Co., Ltd.	Manufacturing of car supplies and various types of plastic products

①,②,④,⑤,⑥,⑦,⑪,⑫ April 2024–March 2025 totals ③,⑧–⑩ January 2024–December 2024 totals

Independent Review Report Comments by an Independent Institution

LRQA Independent Assurance Statement

Relating to DNP Group's Environmental Data within DNP Group Environmental Report 2025 for the fiscal year 2024

This Assurance Statement has been prepared for Dai Nippon Printing Co., Ltd.'s in accordance with our contract.

Terms of engagement
LRQA Limited ("LRQA") was commissioned by Dai Nippon Printing Co., Ltd. ("the Company") to provide independent assurance on DNP Group's environmental data and information ("the report") within DNP Group Environmental Report 2025 for the fiscal year 2024, that is, 1 April 2024 to 31 March 2025[1], against the assurance criteria below to a limited level of assurance and professional judgement of the verifier using ISAE3000 (Revised) *Assurance Engagements Other than Audits or Reviews of Historical Financial Information* and ISO14064-3:2019 *Greenhouse gases - Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions* for GHG emissions.

Our assurance engagement covered the operations and activities relating the Company and its consolidated subsidiary in Japan and overseas and specifically the following requirements:
- Verifying conformance with the Company's reporting methodologies;
- Evaluating the accuracy and reliability of data for the selected environmental indicators listed Appendix 1; [2] [3]

Our assurance engagement excluded the data and information of the Company's suppliers, contractors and any third-parties mentioned in the report.

LRQA's responsibility is only to the Company. LRQA disclaims any liability or responsibility to others as explained in the end footnote. The Company's responsibility is for collecting, aggregating, analysing and presenting all the data and information within the report and for maintaining effective internal controls over the systems from which the report is derived. Ultimately, the report has been approved by, and remains the responsibility of the Company.

LRQA's Opinion
Based on LRQA's approach nothing has come to our attention that would cause us to believe that the Company has not, in all material respects:
- Complied with the Company's reporting methodologies
- Disclosed accurate and reliable environmental data

The opinion expressed is formed on the basis of a limited level of assurance[4] and at the materiality of the professional judgement of the verifier.

LRQA's approach
LRQA's assurance engagements are carried out in accordance with ISAE3000 (Revised) and ISO14064-3:2019 for GHG emissions. The following tasks though were undertaken as part of the evidence gathering process for this assurance engagement:
- Auditing the Company's data management systems to confirm that there were no significant errors, omissions or misstatements in the report. We did this by reviewing the effectiveness of data handling procedures, instructions and systems, including those for internal verification.
- Interviewing with those key people responsible for compiling the data and drafting the report.

[1] *The reporting period for some overseas manufacturing subsidiaries are 1 January 2024 to 31 December 2024.*
[2] *LRQA undertook a limited assurance engagement of the environmental data marked with "✓" within DNP Group Environmental Report 2025. And see Appendix 1 for detailed information on the data covered by this Independent Assurance Statement.*
[3] *When breakdown data for each department is listed in DNP Group Environmental Report 2024, the data is also assured.*
[4] *The extent of evidence-gathering for a limited assurance engagement is less than for a reasonable assurance engagement. Limited assurance engagements focus on aggregated data rather than physically checking source data at sites. Consequently, the level of assurance obtained in a limited assurance engagement is lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.*

- Sampling datasets and traced activity data back to aggregated levels;
- Verifying the historical environmental data and records for the fiscal year 2024; and
- Visiting Tobata Plant of DNP High-performance Materials Co., Ltd. and Yokohama Plant of DNP Technopack Co., Ltd. to confirm the data collection processes, record management practices.

Observations
It is expected the company to actively seek opportunities for further improvement through the information from sites and other means to ensure efficient and accurate aggregation and calculation of environmental data.

LRQA's standards, competence and independence
LRQA implements and maintains a comprehensive management system that meets accreditation requirements for ISO 14065 Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition and ISO/IEC 17021-1 Conformity assessment – Requirements for bodies providing audit and certification of management systems – Part1: Requirements that are at least as demanding as the requirements of the International Standard on Quality Control 1 and comply with the Code of Ethics for Professional Accountants issued by the International Ethics Standards Board for Accountants.

LRQA ensures the selection of appropriately qualified individuals based on their qualifications, training and experience. The outcome of all verification and certification assessments is then internally reviewed by senior management to ensure that the approach applied is rigorous and transparent.

LRQA is the certification body of ISO9001 and ISO14001 for the DNP Ellio Co., Ltd. which is the consolidated subsidiary of the Company and as such does not compromise our independence or impartiality.

Signed Dated: 22 June 2025

Kazuyori Yukinaka
LRQA Lead Verifier
On behalf of LRQA Limited
10th Floor, Queen's Tower A, 2-3-1 Minatomirai, Nishi-ku, Yokohama, JAPAN

LRQA reference: YKA00000845

Appendix 1 : The Scope of Work

LRQA undertook a limited assurance engagement of the environmental data listed below within the Environmental Report 2025.

Scope 1 and Scope 2 GHG emissions (including the breakdown of Scope 1 and Scope 2 [Market-based]) [5]
Scope 3 GHG emissions (Categories 1,2,3,4,5,6,7,9,11, and 12) [6]
Domestic fuel composition
Energy consumption (Electricity, City gas, LNG, LPG, Fuel oil, Steam, and Kerosene)
Renewable energy consumption, Renewable energy ratio
Fuel use for transport
Fuel use for transport per amount of sales
Power consumption at major offices
Atmospheric emissions of VOCs (includes the breakdown of PRTR and non-PRTR VOCs)
Chemical Substances Subject to the PRTR Law (includes the breakdown of Release and Transfer amount) [7]
Non valuable emissions（Including departmental breakdown）, Non valuable emissions (amount excluding resources)
Waste emissions（Including departmental breakdown）
Amount of resource recycling, Resource recycling rate
Amount of waste (waste + valuable waste) excluding paper valuable waste
Landfill waste amount(domestic), Landfill waste rate (domestic)
Water withdrawal (water use), Water discharged
Water use per amount of sales (includes overseas location)
Sales of super-eco products
Percentage of super-eco products sales
Main raw materials input (Paper, Film, Plastic, Metal, Ink, and Others)
Main secondary materials input (Solvent, Acid and alkaline)

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[5] *GHG quantification is subject to inherent uncertainty.*
[6] *For Scope 3 GHG emissions, the companies in each category differ. In addition, some of the cargo transportation volume handled by logistics companies within the group would normally fall under Scope 1, but because it is difficult to separate, all of it is included in Category 4.*
[7] *This applies to chemical substances subject to the statutory threshold requirements based on the annual handling volume at each factory. The results are compiled with two significant digits for each substance.*

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