# Environment

Scope 1 and Scope 2 **Greenhouse Gas Emissions** (Compared to Fiscal Year 2022)



reduction

**Total Waste Generated** from Operations (Compared to Fiscal Year 2018)



Unit Sales of Refurbished Semiconductor Lithography



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The effects of climate change are becoming more pronounced, leading to increasingly severe social and economic losses and damages. The deliverable of the global stocktake, an assessment of global climate change action, reaffirmed the urgent need for action to achieve the 1.5°C target. The document included emission reductions for all greenhouse gases across all sectors, including industry, transportation, and households, as well as contributions by field.

Simultaneously, there is a need to shift away from the traditional linear economy characterized by a cycle of mass production, consumption, and waste generation toward a circular economy in which resources are recycled and reused. In addition, with regard to chemical substances in products, there has been a steady expansion in the scope of substances that are subject to regulation, as well as in the geographical areas in which such regulations apply.

Companies will be asked to further their efforts to conduct information disclosures based the TNFD\* framework and perform nature-related risk/opportunity assessments toward becoming Nature Positive by 2030, a movement to halt biodiversity loss and put nature on a recovery track.

The Nikon Long-Term Environmental Vision stipulates our three pillars of Realizing a Decarbonized Society, Realizing a Resource Circulating Society, and Realizing a Healthy and Environmentally Safe Society. Under this vision, the Nikon Group contributes to building a sustainable society by balancing environmental responsibility with business growth.

# **Activity Policies**

- Nikon Long-Term Environmental Vision
- Nikon Environmental Policy
- Nikon Basic Green Procurement Policy
- Nikon Green Procurement Standards
- Hazardous Chemical Substances Guideline
- Paper Procurement Policy

# **Organizations**

- Sustainability Committee
- Environmental Subcommittee
- Supply Chain Subcommittee

# **Management System**

■ ISO 14001

<sup>\*</sup>TNFD: Abbreviation for Taskforce on Nature-related Financial Disclosures. The Task Force on Nature-Related Financial Disclosure established a framework for companies and organizations to assess and disclose the impact of economic activities on the natural environment and biodiversity.

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# **Indicators and Targets**

• Nikon Long-Term Environmental Vision and Medium-Term Environmental Goals

Materiality	Nikon Long-Term Environmental Vision (Target Year: Fiscal Year 2050)	Vision	What Nikon Will Do	<b>Nikon Medium-Term Environmental Goals</b> (Target Year: Fiscal Year 2030)
			• Improve manufacturing facilities and production processes and promote decarbonization	• Reduce greenhouse gas emissions (Scope 1*1 and Scope 2*2) by 57% compared to
			Promote eco-office and diverse work styles to achieve a decarbonized workstyle	fiscal year 2022
Materiality 3		Achieving net zero	Accelerate renewable energy adoption	Achieve renewable energy adoption rate of 100%
Promoting a Decarbonized Society	Realizing a Decarbonized Society	throughout the value chain by fiscal year 2050	Visualize the environmental impact in each process within products' lifecycles and implement new environmental initiatives harnessing expertise	
			Downsize cargo, promote modal shift, and establish a transportation system requiring minimal energy	Reduce Scope 3*3 greenhouse gas emissions by 25% compared to fiscal year 2022
			• Require procurement partners to formulate and pursue greenhouse gas reduction targets	
	Realizing a Resource Circulating Society	Minimizing resource consumption and maximizing resource circulation throughout the value chain	Reduce waste through streamlining processes from development to manufacturing     Minimize the amount of abrasives used	Achieve the following zero emissions level *4 at all manufacturing companies Japan: Level S Group manufacturing companies in China: Level 1 Other locations: Levels determined individually Reduce total amount of waste generated by 10% or more compared to fiscal year 2018
Materiality 4			Promote the 3Rs of water (reduce water consumption, and recycle and reuse water)	• Reduce freshwater consumption *6 by 5% compared to fiscal year 2018
Promoting Resource Circulation			• Take into account the impacts that products have on the environment from the initial planning phase onwards and promote the 3Rs *6 throughout the product lifecycle	Reduce waste by extending product life, reducing size, decreasing weight, etc. Reduce the average amount of plastic packaging materials used per product by 10% compared to fiscal year 2022 Promote the reuse and recycling of products, parts, materials, and related packaging materials Ensure plastic materials used in products contain an average of at least 5% recycled content Ensure an average of at least 10% recycled or bio-based plastics in packaging materials per product.
	n Realizing a Healthy and Environmentally Safe Society		Comply with the laws, ordinances, and regulations of the countries and regions where we operate and also manage the use of chemical substances appropriately based on more rigorous voluntary targets	<ul> <li>Zero usage of hazardous chemical substances *7 in manufacturing processes</li> <li>Zero hazardous chemical substances contained in products *8</li> </ul>
			Conduct ecosystem conservation activities     Quantify and minimize impact and dependence on ecosystems	Continue Environmental Conservation Activities to contribute to the prevention of marine plastic pollution Product catalogs: Electronic data or FSC-certified paper 100% Instruction Manuals: Electronic data or FSC-certified paper/recycled paper (80% or more recycled pulp content) 100% Packing boxes: FSC-certified paper or recycled paper 100%

<sup>\*1</sup> Scope 1: Direct greenhouse gas emissions from the use of fuel on site.

<sup>\*2</sup> Scope 2: Indirect greenhouse gas emissions from the consumption of purchased electricity or heat.

<sup>\*3</sup> Scope 3: Indirect greenhouse gas emissions related to business activities in the value chain (excluding emissions already included in Scope 1 and 2).

<sup>\*4</sup> Achieving zero emissions level: The concept of zero emissions was first advocated by the United Nations University (UNU) in 1994. This concept is an approach that seeks to reduce the waste to net zero for society as a whole, by using the waste generated in industrial activity as resources for other industries. The Nikon Group introduced level-specific targets into our zero emissions initiatives. Zero emissions Level 1 refers to a final landfill disposal rate of less than 1%. Zero emissions Level S refers to a final landfill disposal rate of 0.5%.

<sup>\*5</sup> Freshwater consumption: Sum of withdrawal volumes A, B, and C, minus returned water volume D (A+B+C-D).

A: Water withdrawal from municipal water supply facilities (tap water, industrial water, etc.) B: Water withdrawal from surface water (lakes, rivers) C: Water withdrawal from groundwater D: Return water of equal or better quality than the water withdrawal source (applicable to B and C only)

<sup>\*6</sup> the 3Rs: Here, this term refers to reducing the amount of resources used and the amount of waste generated, reusing products and components, and recycling.

<sup>\*7</sup> Hazardous Chemical Substances: Here, this term refers to prohibited substances as defined in the Hazardous Chemical Substances Guideline, a voluntary standard.

<sup>\*8</sup> Zero hazardous chemical substances contained in products: Here, "contained" is defined as having an amount that exceeds the threshold level specified by law.

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# • Environmental Action Plan Achievements for Fiscal Year 2024 [Summary]

Self-Evaluation ○: Achieved △: Measures partially achieved or revised

N	Materiality		Targets for Fiscal Year 2024	Result	Self- Evaluation	Corresponding Page			
		Greenhouse gas reduction	Reduce Scope 1 and Scope 2 greenhouse gas emissions by 50% compared to fiscal year 2022	fiscal year 2022		p.060			
ety			<ul> <li>Achieve a renewable energy adoption rate of 69% or higher in electricity used for business activities</li> </ul>	• Renewable energy adoption rate of electricity used for business: 70.6%	0	p.065			
Decarbonized society	Materiality 3 Promoting a	Reduction of the environmental impact from products	Reduce environmental impact by making effective use of the LCA methodology	• Continued to expand the range of product models subject to LCA calculation (100% for new products)	0	p.064			
rboni	Decarbonized Society	impact nom products	Create at least 50% eco-friendly products	Approximately 63% of new products certified as eco-friendly products	0	p.059			
Decal		Reduction of the environmental impact of transportation	Reduce greenhouse gas emissions in distribution by 2.7% year on year	• Reduced greenhouse gas emissions in distribution by 1.5% year on year	Δ	p.067			
		Engagement with procurement partners	• Identify CO <sub>2</sub> emissions of critical procurement partners (70 or more companies)	• Identified CO <sub>2</sub> emissions of critical procurement partners (90 companies)	0	p.064			
		Zero emissions	Nikon and Group manufacturing companies in Japan: Maintain Level S Group manufacturing companies in China: Maintain Level 1 Group manufacturing companies outside Japan: Implement initiatives in line with the actual conditions and circumstances of the country	Nikon and Group manufacturing companies in Japan: Maintained Level S Group manufacturing companies in China: Achieved Level S Group manufacturing companies outside Japan: Conducted disposal in accordance with respective national laws and regulations	0	p.073			
society		Waste reduction	• Reduce total waste emissions from business activities by 4% or more compared to fiscal year 2018 (total waste emissions: 7,530 tons)	• Reduce total waste emissions from business activities by 16% or more compared to fiscal year 2018 (total waste emissions: 6,531 tons)	0	p.073			
circulating so	Materiality 4 Promoting Resource	Promotion of the appropriate use and effective utilization of water	Reduce freshwater consumption by at least 2% compared to fiscal year 2018 (freshwater consumption in fiscal year 2018: 1,877,000 m³)	Reduce freshwater consumption by at least 6.4% compared to fiscal year 2018 (freshwater consumption in fiscal year 2024: 1,756,000 m³)	0	p.075			
Resource ci	Circulation		Reduce     Reduce environmental impact from products and packaging materials (reduce size, extend product life, etc.)	Reduced plastic packaging material for certain imaging products (shifted from plastic to paper)	0	p.071			
		Promotion of reduce, reuse, and recycling	2) Reuse • Promote reuse of products, parts, materials, and packaging	Continued sales of used FPD lithography systems and used semiconductor lithography systems	0	p.070			
			Recycle     Promote use of recycled materials in products	Used recycled materials for certain imaging products	0	p.071			
ally safe	ly sare					Determine measures to abolish prohibited level hazardous chemical substances based on the Hazardous Chemical Substances Guideline; implement measures in order	Discontinued 24 of the 84 prohibited substances under the Hazardous Chemical Substances Guideline, granted exceptions for 56, and finalized measures for the remaining 4	0	p.081
environmentally society	Materiality 5 Preventing Pollution and	chemical substances, etc.	Comply with the hazardous chemical substances laws and regulations of each country     Strengthen the management system of chemical substances in products	Zero violations of laws and regulations     Strengthened the internal management system of chemical substances in products	0	p.078			
	Conserving Ecosystem	Implementation of activities	Perform local contribution activities related to preventing marine plastic pollution or other biodiversity conservation at least once a year at each business facility	Performed local contribution activities related to prevention of marine plastic pollution at least once a year at each business facility and 35 times annually	0	p.088			
Healthy	Healthy and Ecosystem  Healthy and Ecosystem	aimed at biodiversity conservation	Promote paperless operations or the use of FSC-certified paper for paper items bearing the Nikon logo	Digitized product catalogs and instruction manuals     Printed approximately 67% of newly ordered product catalogs for use in Japan, North America, and Europe on FSC-certified paper, excluding special paper types	0	p.087			

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#### • Environmental Action Plan Targets for Fiscal Year 2025 [Summary]

Materiality			Targets for Fiscal Year 2025	
	Materiality 3	Greenhouse gas reduction	Reduce Scope 1 and Scope 2 greenhouse gas emissions by over 52% compared to fiscal year 2022	
ociety		Greenhouse gas reduction	Achieve a renewable energy adoption rate of 71% or higher in electricity used for business activities	
Decarbonized society	Promoting a decarbonized	Reduction of the environmental impact from products	Reduce environmental impact by making effective use of the LCA methodology     Create at least 50% eco-friendly products	
Decarb	society	Reduction of the environmental impact of transportation	Reduce greenhouse gas emissions in distribution by 2.7% year on year	
		Engagement with procurement partners	$\bullet$ Identify CO <sub>2</sub> emissions of critical procurement partners (150 or more companies = top 80% of procurement value)	
		Zero emissions	<ul> <li>Nikon and Group manufacturing companies in Japan: Maintain Level S</li> <li>Group manufacturing companies in China: Maintain Level 1</li> <li>Group manufacturing companies outside Japan: Implement initiatives in line with the actual conditions and circumstances of the country</li> </ul>	
esource circulating society	Materiality 4 Promoting resource circulation	Waste reduction	Reduce total waste emissions from business activities by 10% or more compared to fiscal year 2018 (total waste emissions: 6993.9 tons)	
		Materiality 4 use and effective util water	Promotion of the appropriate use and effective utilization of water	Reduce freshwater consumption by at least 3% compared to fiscal year 2018 (freshwater consumption in fiscal year 2018: 1,877,000 m³)
		Promotion of reduce, reuse, and recycling	Reduce     Reduce environmental impact of products and packaging materials (reduce size, extend product life, etc.)	
			2) Reuse • Promote reuse of products, parts, materials, and packaging	
			Recycle     Promote use of recycled materials in products	
iety	Materiality 5 Preventing pollution and conserving	Reduction of hazardous chemical substances, etc.	Implement measures in order to abolish prohibited level hazardous chemical substances based on our own Nikon Group standards (Hazardous Chemical Substances Guideline)     Reduce new input of PRTR substances among prohibited rank substances by at least 50% compared to fiscal year 2023 (new input in fiscal year 2023: 43.1 tons)	
			<ul><li>Comply with the laws and regulations of each country</li><li>Explore substitutes for hazardous chemical substances</li></ul>	
hy and e	ecosystems	Implementation of activities aimed at biodiversity	Perform local contribution activities related to preventing marine plastic pollution or other biodiversity conservation at least once a year at each business facility	
Healt		conservation	Promote paperless operations or the use of FSC-certified paper for paper items bearing the Nikon logo	

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# Strategy

# **Policy and Long-Term Environmental Vision**

The Nikon Group established a Sustainability Policy, which aims to contribute to sustainable societies and achieve sustainable growth for the company. The Group has also operated under the Nikon Environmental Activity Policy, a specific policy regarding the environment, to date. In February 2025, we revised this policy into the Nikon Environmental Policy and further clarified the guidelines for our activities in response to the growing seriousness of environmental issues and heightened societal expectations for corporate initiatives.

Under these policies, we formulated the Nikon Long-Term Environmental Vision looking ahead to fiscal year

2050 as a means to address environmental risks and regulations proactively. The Nikon Long-Term Environmental Vision comprises three pillars believed to be particularly important in consideration of the global situation and the characteristics of Nikon's business, which uses limited resources to manufacture and sell products. These three pillars are linked with Materiality and with the Nikon Medium-Term Environmental Goals, for which fiscal year 2030 is the target year. Our Environmental Action Plan is a single-year goal that we are rolling out across the Group. We clarify the relationship between the environment and our business activities and then make an accurate assessment of the impacts and risks posed to the environment, using this information to prioritize goals and plans.

The Environmental Subcommittee deliberates on and

approves self-evaluation performances and we review our action plans for the next year and thereafter based on the issues that are identified by the Subcommittee.

The Nikon Group clarified the content of the resource circulation targets under the Nikon Medium-Term Environmental Goals in fiscal year 2024 to enable reliable progress management toward achieving those targets.

Nikon Long-Term Environmental Vision and Medium-Term Environmental Goals → p.048 Environmental Action Plan Achievements for Fiscal Year 2024 [Summary] ⇒p.049 Environmental Action Plan Targets for Fiscal Year 2025 [Summary] > p.050



Nikon Environmental Policy

## • Nikon Long-Term Environmental Vision (Target Period: Fiscal Year 2050)

The Nikon Group contributes to building a sustainable society through the Nikon Long-Term Environmental Vision, established for Realizing a Decarbonized Society, Realizing a Resource Circulating Society, and Realizing a Healthy and Environmentally Safe Society.

The Nikon Group is committed to developing new businesses and tackling innovations that will contribute to reducing environmental impacts.

\* 90% reduction of GHG emissions (Scope 1, 2, and 3) throughout the value chain, with the remaining emissions neutralized according to internationally recognized criteria.



## • Nikon Environmental Goal Relationship Diagram



**Participation in Environmental** Initiatives and **Outreach to Society** 

By participating in a range of initiatives relating to the environment. Nikon is able both to accelerate our own initiatives undertaken within the Nikon Group, and also help to influence governments and society.

We endorsed the RE100 Japan Policy Recommendations in June 2024, calling on the Japanese government to set a target and implement concrete measures to triple the renewable energy generation capacity in Japan by 2035.

In July, we endorsed the message released by the Japan Climate Initiative (JCI) calling for the Japanese Government to set an ambitious 2035 target aligned with the 1.5 $^{\circ}$ C goal. The message urges the government to adopt a national target of reducing greenhouse gas emissions by more than 66% by 2035 and formulate the 7th Strategic Energy Plan to support that goal. The message also calls for accelerated improvements in energy efficiency and the deployment of renewable energy to achieve an early phase-out of fossil fuels.

## • Major Environmental Initiatives and Organizations with Nikon's Participation

Initiatives and Organizational Activities	
Science Based Targets (SBT) (2019 - )	SCIENCE BASED TARGETS CRIVING AMBITROUS COMPONITE CLIMATE ACTION
Business Ambition for 1.5° C (2021 - )	BUSINESS 1.5°C (
RE100 (2021 - )	RE100 CLIMATE CDP
Japan Climate Initiative (JCI) (2018 - )	
Task Force on Climate-related Financial Disclosures (TCFD) (2018 - )	TCFD TASK FORCE IN CLIMATE RELATED PRANCIAL DISCLOSURES
TCFD Consortium (2019 - )	TCFD Consortium
Japan Climate Leaders' Partnership (JCLP) (2023 - )	<b>JCLP</b>

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# **Environmental Management Promotion System**

The Nikon Group promotes environmental activities as shown in the environmental promotion system diagram on the right.

The Environmental Subcommittee operates under the Sustainability Committee. This subcommittee formulates specific policies, targets, and achievement criteria in relation to overall Nikon Group environmental issues and environmental activities, verifies implementation status, and promotes relevant response measures in line with Nikon Long-Term Environmental Vision. The Environmental Subcommittee meets twice a year, chaired by an officer serving as the General Manager of Production Technology. Subcommittee members consist of the heads of departments relating to the environment, procurement, logistics, and sustainability.

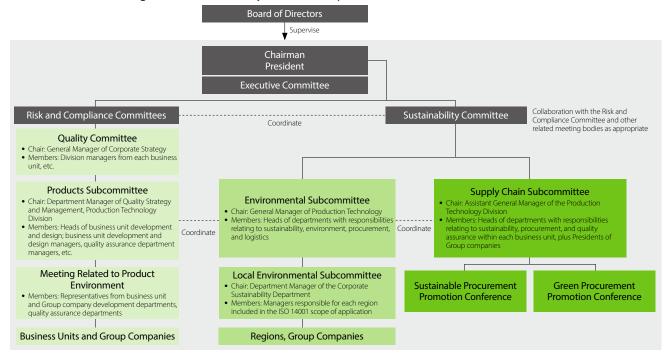
The Supply Chain Subcommittee, which also operates under the Sustainability Committee, promotes sustainable procurement, including addressing environmental issues, together with procurement partners.

Nikon considers environmental considerations in our products to be an element of product quality. To this end, we established the Product Subcommittee under the Quality Committee, ensuring collaboration between the two.

We report details from the Environmental Subcommittee and the Supply Chain Subcommittee to the Sustainability Committee twice a year. The Board of Directors oversees sustainability initiatives, including those related to the environment, and links such initiatives to executive compensation. In fiscal year 2024, the Board received reports on key performance indicator progress and results under the sustainability strategy in the Medium-Term Management Plan. These reports covered greenhouse gas reduction rates, renewable energy usage rates, and contributions from each business unit to decarbonization and resource circulation.

Sustainability Promotion System → p.015 Outline of Supply Chain Management System > p.093

Environmental Management Promotion System (As of April 1, 2025)



Key Topics Discussed by the Environmental Subcommittee in Fiscal Year 2024

October 2024	February 2025	March 2025
EMS System     Partial update of Nikon Medium-Term Environmental Goals     Progress of the Environmental Action Plan	Temporary meeting to revise the environmental policy	EMS management review report contents     Renewable energy adoption plans     Confirming Environmental Action Plan results     (projections)

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Corporate Citizenship Activities

# **Environmental Management** System

The Nikon Group has rolled out our Environmental Management System (EMS) across every one of its companies.

#### Utilization of ISO 14001 Certification

The Nikon Group conducts environmental management in accordance with ISO 14001 and aims to have all manufacturing business sites certified under this standard.

We will continue to use the ISO 14001 system and promote environmental management integrated with our business activities by introducing mechanisms for mitigating environmental impacts while maintaining a clear understanding of both internal and external circumstances. The status of our ISO 14001 certification progress is presented on p.055.

# Implementing EMS Assessments \*1

The Nikon Group conducts HQ EMS Assessments to check the state of top management and the EMS Secretariat per region \*2, and Local EMS Assessments to check the state of organizations within each region. These assessments are each conducted once a year, designed to check conformity with ISO 14001 and to improve performance. HQ EMS Assessments are conducted by EMS assessors qualified by JRCA\*3 or those persons with EMS management experience at a regional secretariat.

To maintain and improve the quality of these

assessments, the Nikon Group in Japan conducts EMS assessor cultivation training four times a year. A total of 113 employees completed this training in fiscal year 2024. Employees completing this training are tasked with conducting Local EMS Assessments.

We are also cultivating assessors at Group companies outside Japan through participation in training programs run by auditing organizations.

In addition, the Nikon Group in Japan conducts training on laws and regulations related to the environment twice a year. A total of 199 employees completed this training in fiscal year 2024.

In fiscal year 2022, we began inviting lecturers from outside educational institutions to improve the level of training related to environmental laws and regulations and ensure an up-to-date knowledge of legal information.

- \*1 EMS Assessment: At the Nikon Group, the term "EMS assessment" is used as an equivalent to "internal audit" in ISO 14001, and internal auditors are called "EMS assessors."
- \*2 The Nikon Group EMS organization consists of business sites, companies, and other units called districts
- \*3 JRCA: A certification and registration body for management auditors established within the Japanese Registration of Certificated Auditors and experts. The body registers certification of ISO management system auditors and internal auditors.

# **Nikon Eco Program**

The Nikon Group has introduced the Nikon Eco Program, which is a simplified environmental management system for our non-manufacturing facilities in and outside Japan that have low environmental impacts. The Nikon Eco Program is divided into two levels, Standard and Basic. This mechanism helps facilities more easily implement environmental activities.

The Nikon Eco Program Standard (NEPS) applies

to relatively large non-manufacturing sites. Five sites currently use this framework. Each site sets goals to reduce environmental impacts, makes efforts to achieve those goals, and improves and enhances activities while repeating the PDCA cycle. Other sites use the Nikon Eco Program

Basic (NEPB), which applies to smaller nonmanufacturing locations. These sites carry out environmental initiatives and visualize their environmental impact.

#### Nikon Environmental Management Tools

	ISO 14001	Nikon Eco Program Standard	Nikon Eco Program Basic
Target business facilities	Manufacturing facilities and certain non- manufacturing facilities, etc., where ISO 14001 certification is required	Large- scale non- manufacturing facilities, etc.	Small- scale non- manufacturing facilities
<ul> <li>Implementation of environmental impact assessments, compliance assessments, and EMS assessments</li> <li>Implementation of corrective actions, preventive actions, etc.</li> <li>Management reviews, etc.</li> </ul>	0	-	-
<ul><li>Setting of environmental goals</li><li>Utilization of the PDCA cycle in relation to targets</li></ul>	0	0	_
<ul> <li>Implementation of environmental awareness- raising activities</li> <li>Collection of environmental impact data</li> </ul>	0	0	0

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#### • ISO 14001 Acquisition Status and Data Categories (Fiscal Year 2024)

Data Category	Company	ISO 14001 Acquisition Status
Nikon	Nikon	0
	Tochigi Nikon Corporation	0
	Tochigi Nikon Precision Co., Ltd.	0
	Sendai Nikon Corporation	0
Group manufacturing companies in Japan	Miyagi Nikon Precision Co., Ltd.	0
ттэарат	Hikari Glass Co., Ltd.	0
	Nikon Engineering Co., Ltd.	0
	Nikon CeLL innovation Co., Ltd.	*1
	Nikon Tec Corporation	0
	Nikon Solutions Co., Ltd.	0
	Nikon Systems Inc.	0
Group non-manufacturing companies in Japan	Nikon Business Service Co., Ltd.	0
ттэарат	Nikon Product Support Corporation	*1
	Nikon Vision Co., Ltd.	0
	Nikon Imaging Japan Inc.	0
	Hikari Glass (Changzhou) Optics Co., Ltd.	0
	Nanjing Nikon Jiangnan Optical Instrument Co., Ltd.	0
	Nikon (Thailand) Co., Ltd.	0
Group manufacturing companies	Nikon Lao Co., Ltd.	0
outside Japan	Nikon X-Tek Systems Ltd.	0
	Optos Plc	0
	Optos, Inc.	0
	Nikon SLM Solutions AG	0
Group non-manufacturing companies outside Japan *2	47 other companies	*1

#### Note:

- 1. The ISO 14001 certification rate for the Nikon Group as a percentage of the number of employees at manufacturing sites is nearly 100%.
- 2. Data classification for environmental performance data in this report is based on the above data categories.
- \*1 These companies have introduced the Nikon Eco Program.
- \*2 Three non-manufacturing Group companies in Japan with extremely limited environmental impact that have not obtained ISO 14001 are included. This excludes 16 companies such as private funds, companies in the process of liquidation, newly added companies through M&A, etc.

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# **Environmental Education and Awareness Raising Activities** for **Employees**

The Nikon Group believes that the awareness and understanding of employees who are the foundation of our activities are vital to furthering its environmental activities and increasing its standards.

Therefore, we have introduced various environmental education and awareness raising activities for our employees in an effort to help employees have a better understanding and awareness of environmental activities.

#### **Environmental Education**

The Nikon Group provides employees with education matched to their duties and position, based on the EMS training plan.

#### Environmental Education Programs (Fiscal Year 2024)

(Unit: persons)

	Participants		
Content	Nikon	Group companies in and outside Japan	
Education on environmental issues and EMS	178	1,392	
Education on EMS assessments	111	152	
Education on environmental laws, hazardous chemical substances, and waste	197	1,311	

# **Environmental Awareness Raising** Activities

The Nikon Group conducts various environmental awareness-raising activities among employees in the month of June, which is designated as Nikon Environment Month. In addition, every year, we implement environment-related e-learning for the Nikon Group in Japan, focusing in particular on matters with which employees must be familiar. The content of this e-learning is also shared with Nikon Group companies outside Japan and is incorporated into individual companies' environmental education and awareness-raising activities. The topic of the fiscal year 2024 program was plastic. Participants learned about plastic-related environmental issues, including the growing problem of marine plastic waste, as well as social trends, Nikon initiatives, and individual actions employees should take.

#### Environmental Awareness-Raising Activities (Fiscal Year 2024)

Main Environmental Awareness-Raising Activities		Eligible Organizations	Result
Nikon Environment Month (June)	Awareness- raising posters and newsletter distribution	Nikon Group	15 languages supported
	Seminars	Nikon Group in Japan	146 participants
Sustainability Photo Contest (June to September)		Nikon Group	Entries: 118
Environmental o	loarning	Nikon Group in Japan	Attendance rate: 90%
Environmental e-learning (March - )		Group companies outside Japan	Implemented for eligible personnel
Earth Hour* (March)		Nikon Group	Participants: 49 companies

<sup>\*</sup> Earth Hour: An environmental campaign organized by the World Wide Fund for Nature (WWF). People around the world show their desire to stop global warming and protect the global environment by switching off the lights at the same time on the same day.

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# **Risk Management**

# **Environment-Related Risk Management**

The Risk and Compliance Committee manages risks for the Nikon Group as a whole. The Environmental Subcommittee identifies and determines environmental risks and opportunities, taking into account our environmental impact, environmental risks affecting business activities, relevant laws and regulations, and stakeholder input. The Environmental Subcommittee discusses how to address identified risks and opportunities within the EMS framework and reflects high-priority items in the Environmental Action Plan. The plan is then discussed and approved by the Sustainability Committee.

Each site and Group company identifies local environmental issues and determines related risks and opportunities. Each entity then sets its own environmental targets based on these local issues and the Environmental Action Plan.

The Nikon Group reviews and follows up regularly with each site and Group company regarding progress and target achievement through various tools, including the Local EMS Assessments and HO EMS Assessments. We conduct a management review at least once a year to confirm that the EMS framework is operating appropriately, effectively, and in line with its objectives. The Sustainability Committee confirms the results of said review.

Environmental Management Promotion System → p.053

# **Risk Deriving from Environmental Regulation and Nikon's Response**

There is a risk that violations of laws and regulations relating to energy, greenhouse gases, the atmosphere, water quality, soil, chemical substances, and waste may result in business suspension orders or the need to spend large sums of money on remediation work, which in turn could have a negative impact on company valuation and affect the operations of the Nikon Group as a whole. There is a possibility that regulation may become even more restrictive in the future. If ensuring compliance results in a high level of expenditure, this could negatively impact the Nikon Group's financial health.

In order to be prepared for these risks, the Nikon Group establishes voluntary, self-directed standards that are more rigorous than each region's statutory requirements. We also establish and revise relevant internal rules, implement education and training for relevant employees, work to strengthen the Group's management systems, and strive to monitor and respond to regulatory changes, etc., in a timely manner.

# **Legal Violations**

In fiscal year 2024, there were no fines or sanctions for violation of environmental laws and regulations imposed on Nikon or any of our Group companies in or outside Japan.

# **Business Activities** and the Environment

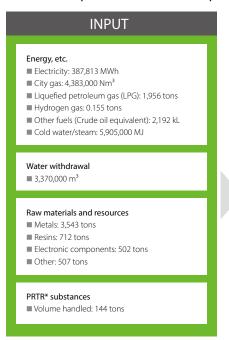
The Nikon Group ensures that we have a clear understanding of our relationship between the environment and our business activities in order to make an accurate assessment of our environmental impacts and risks. We prioritize initiatives based on this assessment and set goals accordingly, and we attach great importance to carrying out environmental activities to achieve these goals.

Therefore, the Nikon Group is actively advancing the collection of environmental data covering electricity and other forms of energy, waste, water, etc., both inside and outside of Japan.

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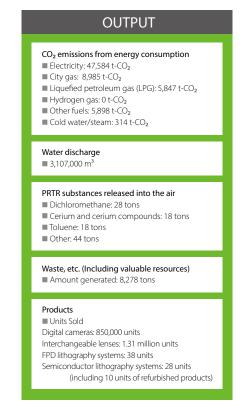
> Indicators and Targets > Strategy > Environmental Management Promotion System > Risk Management > Promoting a Decarbonized Society > Promoting Resource Circulation > Preventing Pollution and Conserving Ecosystems

#### • Relationship between Nikon Group Businesses and the Environment





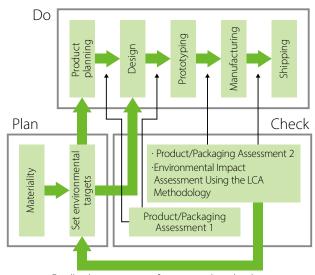
- \* Numbers reflect the performance data of Nikon Group in Japan and Group manufacturing companies outside Japan.
- \* PRTR (Pollutant Release and Transfer Register): In Japan, the PRTR system is used by the government to collect, tabulate, and disclose data on chemical substances that might have harmful effects on human health and ecosystems. Companies identify and report emissions of these substances into the environment to the government on an annual basis.



# **Eco-friendly Product Development**

The Nikon Group works to develop what we term as Ecofriendly Products by taking into account environmental impacts starting from product planning and design phases, following the Eco-friendly Product Development Flow provided below.

#### Eco-friendly Product Development Flow



Feedback on targets set for new product development ACT

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# **Nikon Product/Packaging Assessment**

The Nikon Group has formulated the Nikon Product Assessment and Nikon Packaging Assessment. These assessments are applied to all newly-developed products and packaging materials so that our product development will thoroughly incorporate the characteristics of Nikon products and their environmental impact. As illustrated in the figure, these assessments evaluate the degree of reduction in weight and volume for products and packaging, reduction in hazardous substances, and material commonality and recyclability from the planning, design, prototype, and production phases.

We revise the Nikon Product Assessment items and criteria as needed based on amendments to laws and regulations, social trends, and Nikon materiality. Previously, we applied a common set of evaluation criteria to all products. However, we divided products into three categories in fiscal year 2024 and weighted key items and reviewed assessment criteria according to the characteristics of each category. This updated framework supports further progress in developing Eco-friendly Products.

The Nikon Packaging Assessment includes evaluation categories such as the reduction of packaging materials used and a change to materials with less environmental impact. This is one way in which we encourage a reduction in plastic packaging materials and a shift to paper-based materials.

See p.071 for specific initiatives to reduce plastic used in containers and packaging.

# implementing product assessment were classed as Eco-

friendly Products. However, we revised the definition and underlying framework, and established a system effective from fiscal year 2017, whereby those products that conform to more rigorous standards in product assessment are classed as either Eco-friendly Products or Super Eco-friendly Products. Along with this, we created our own unique logos for Ecofriendly Products and Super Eco-friendly Products. This system follows ISO 14021, the international standard for Type Il environmental labeling based on Environmental labels and declarations-Self-declared environmental claims.

**Eco-friendly Product Certification System** 

In the past, all products that had been developed by

In fiscal year 2024, approximately 63% of new products were classified as Eco-friendly Products.



<sup>\*</sup>The above logos are used only for Nikon products recognized as Eco-friendly Products based on our own standards of environmental consideration. The above logos are not affiliated with any environmental organizations.

#### Nikon Product/Packaging Assessment Items

