

# NOK ESG DATA BOOK 2025

**NOK CORPORATION** 

# **Content, Editorial Policy**

This Data Book summarizes the NOK Group's performance data, policies, and initiatives related to the environment, society, and governance (ESG). Referring to multiple reporting guidelines, we have organized related numerical data for each ESG category. We consider this Data Book to be a vital means of improving communication with all of our stakeholders. We would appreciate your candid opinions and feedback on the report.

#### **Period Covered**

Most of the activities described in this report took place in fiscal 2024 (April 1, 2024 to March 31, 2025)

\* Some activities prior to the period covered and recent activities are also included

#### **Publication Date**

July 2025 (published annually)

#### Scope

NOK Corporation and 92 consolidated subsidiaries

#### **Referenced Guidelines**

- · ISO 26000: 2010 Guidance on social responsibility
- · Global Reporting Initiative (GRI) Standards
- · United Nations Global Compact
- Task Force on Climate-related Financial Disclosures (TCFD)

#### Contact

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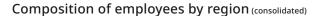
# Disclaimer

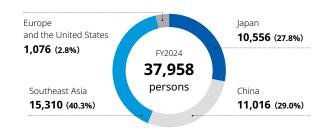
This Data Book contains forward-looking statements regarding the plans, strategies and performance of the Group. These statements are based on information available at the time of issue and involve risks and uncertainties. Please understand that future performance may differ from these statements due to changes in the Business environment and other factors.

# **Basic Information**

# **Company Profile**

Company Name	NOK CORPORATION
Head Office	1-12-15 Shiba Daimon, Minato-ku, Tokyo 105-8585, Japan
Established	December 2, 1939
Founded	July 9, 1941
Capital	23,335 million yen (as of March 31, 2025)
Number of Employees	37,958 (consolidated, as of March 31, 2025) 3,251 (non-consolidated, as of March 31, 2025)
Consolidated Subsidiaries	92 companies





# **NOK Philosophy**

https://www.nokgrp.com/en/aboutus/company/philosophy/

**NOK Charter of Corporate Behavior** https://www.nokgrp.com/en/sustainability/esg\_strategy/

**Sustainability Statement** 

https://www.nokgrp.com/en/sustainability/management/

# **Environment**

# **Environmental Management**

# **Basic Concept**

The NOK Group has established a system in accordance with ISO 14001 standards, promotes environmental management, and strives to implement environmental management with the next generation in mind, thereby reducing its environmental burden. The current percentage of NOK Group establishments with ISO 14001 certification is 100%.

# **Environmental Management Systems**

We have established an environmental statement with the approval of the Group CEO. We recognize that the environment is a crucial issue in realizing a sustainable society, so we have established a groupwide environmental management system to facilitate reliable environmental conservation and management.

The Group Environmental Conservation Office identifies environmental risks and opportunities and enacts specific measures for priority issues under the leadership of the Group Environmental Conservation Manager. All business sites conduct environmental conservation activities in line with our environmental targets and policies.

The Secretariat reports the outcomes of these initiatives and other important matters to the NOK Group Environmental Conservation Committee, which is chaired by the Group CEO, before reporting to the Board of Directors.

# <Environmental Management Promotion Framework>



# **NOK Group Environmental Statement**

As NOK Group is a part of society, all employees recognize that the company's operations, products, and services have a significant impact on the environment on a global scale. To foster the development of a sustainable society, we establish NOK Group Environmental Statement and strive for environmental conservation management that considers future generations and beyond. We also work with internal and external stakeholders, including employees, shareholders, local communities, and business partners in the value chain from raw material procurement, production, distribution, use, and disposal to continuously reduce our environmental impact.

- Based on our existing proprietary technologies, we strive to reduce environmental impact by promoting the improvement of technologies and the development of products that take environmental conservation into consideration.
- We comply with environmental laws and regulations, local government ordinances, and regional agreements, etc., and promote activities for environmental conservation.
- We promote reduction of using fossil fuels and greenhouse gas emissions in its business activities to achieve a decarbonized society.
- We comply with efficient of energy use and expansion of renewable energy to effective use of energy resources.
- We strive to procure sustainable raw materials and contribute to a circular society by using of raw materials, reducing, reusing, and recycling waste.
- To conserve water resources, we promote efficient water use and appropriate management of water quality.
- We assess our impact on biodiversity and promote biodiversity conservation activities tailored to local characteristics in cooperation with business partners and external organizations.
- We strive to prevent environmental pollution and reduce environmentally hazardous substances by thoroughly managing all chemical substances.
- 9 We disclose proper information on the environment and proactively communicate with local and broader society and strive to raise awareness of the global environment and promote environmental education for all our employees.
- We strive to continuously improve our environmental management system by setting targets, promoting activities to reduce environmental impact, and regularly assessing progress.

Enacted on September 17, 2001 Revised on December 17, 2024

Representative Director, Group Chief Executive Officer, NOK CORPORATION

Masao Tsuru

# NOK's Environmental Strategy : NOK Twin Green Plan 2030

In response to the global trend toward carbon neutrality and the results of TCFD scenario analysis, we revised the NOK Twin Green Plan 2030, formulated in 2018, and declared that we will aim to achieve carbon neutrality by 2050.

Under this long-term vision, the Group will work together to realize a sustainable society through the provision of eco-friendly products and business activities in response to electrification of automobiles and carbon neutrality.

\* For details, please refer to NOK's website: https://www.nokgrp.com/en/sustainability/twingreen/

# Compliance with Environmental Laws and Regulations

The NOK Group faced no major fines, surcharges, or lawsuits related to environmental accidents or complaints in FY2024.

#### **Material Balance**

#### **INPUT**

Raw materials			
Total raw-material input	81,108	tons	
Rubber	11,756	tons	
Formulation & Adhesives	10,649	tons	
Plastics	1,042	tons	
Metals	57,661	tons	

Energy			
Total energy input	1,169	TJ	
Electric/heat	1,033	TJ	
Gasoline	5	TJ	
Kerosene	2	TJ	
Heavy Oil A	28	TJ	
Light Oil	2	TJ	
Liquefied Petroleum Gas (LPG)	90	TJ	
City Gas	10	TJ	

Total water withdrawals	692	1,000 m <sup>3</sup>
Drinkable water	502	1,000 m³
Industrial water	35	1,000 m³
Groundwater	155	1,000 m <sup>3</sup>

Environmentally hazardous substances		
Chemical substances subject to the Pollutant Release and Transfer Register (PRTR) system	1,477	tons

#### FY2024 NOK

# Environmental Conservation Assessment of Products, etc. Environmental Impact

# Procurement &

- Green Procurement
- Inspection of Machinery and Equipment

# Production 🕌

- Life Cycle Assessment (LC
   Pollution Provention
- Chemical Substances Contro
- Energy Conservation
- Waste Reduction
- Environmental Impact Assessment

# Logistics Improvement of Transportation Efficiency



## OUTPUT

Gas emissions			
Total CO <sub>2</sub> emissions (Scope 1 + Scope 2) *1	127	1,000 t-CO <sub>2</sub>	
Scope 1 (Fuel)	13	1,000 t-CO <sub>2</sub>	
Scope 2 (Electricity/heat)	114	1,000 t-CO <sub>2</sub>	
Scope 3 (Indirect emissions)	2,215	1,000 t-CO <sub>2</sub>	
NO <sub>x</sub> (Nitrogen Oxides) *2	4.7	tons	
SO <sub>x</sub> (Sulfur Oxides) *2	2.7	tons	
VOCs (Volatile Organic Compounds)	2.6	1,000 tons	
Wastewater			

Total wastewater	542	1,000 m³		
Rivers	488	1,000 m³		
Sewage system	54	1,000 m <sup>3</sup>		
BOD load *3	5.1	tons		

By-product generation	37	1,000 tons
Industrial waste	13	1,000 tons
Amount of waste recycled	13	1,000 tons
Landfill disposal	0.02	1,000 tons
Valuable waste	24	1,000 tons

Chemical substances subject to the Pollutant Release and Transfer Register (PRTR) system (discharge volume)	106	tons
Chemical substances subject to the Pollutant Release and Transfer Register (PRTR) system (amount of movement)	45	tons

- \*1 Total CO<sub>2</sub> emissions: Calculated based on the "Greenhouse gas emissions accounting and reporting manual." The emission factor is based on the national emission factor by country published by the International Energy Agency (IEA).
- \*2 NOx (nitrogen oxides) and SOx (sulfur oxides): Total amount of NOx and SOx generated from specified facilities under the Air Pollution Control Act.
- \*3 BOD load: Biochemical oxygen demand (BOD) is one of the indicators of water pollution, and represents the amount of oxygen used by bacteria to decompose pollutant organic material in water. The figure for BOD load was obtained by multiplying the BOD measurement by the amount of effluent entering rivers.

# **Environmental Education**

The NOK Group conducts a variety of education programs to foster a company-wide environmental awareness. We offer tiered training for our employees as part of our specialized education that covers ISO 14001 management, energy conservation, resource-saving, waste reduction, addressing water risks (water withdrawals and quality), and chemical substance management. We also conduct drills based on emergency scenarios. The result is raising the environmental awareness of every employee.

	New employee	General employee	Management positions
	New employee training		
Tiered	General emplo	yee education	
education			Education for management positions
	Emer	gency-related educ	ation
Specialized	Education for internal au		ditors
education (for eligible	Resource (waste, water)-related education		
employees)	Energy-related courses		
	Chemical substances-related e		education

# **Working with Suppliers**

We administer a sustainable procurement survey to our suppliers to promote CSR initiatives such as reducing environmental impact and working together across the supply chain. Through this survey, we further mutual understanding and cooperation with our business partners and strengthen our efforts to realize a sustainable society.

\*For more details, please refer to page 33

# **Information Disclosure Based on TCFD Recommendations**

In line with the recommendations of the TCFD, we disclose the NOK Group's business strategies related to climate change.

# **Governance (Climate Change)**

The NOK Group has established a Sustainability Committee to have discussions, set policies, and make decisions on climate change and other sustainability-related topics on an organizational level. The Group CEO chairs the Sustainability Committee, which generally meets four times a year. In addition to the discussions, setting policies, and making decisions with a view to promoting sustainability measures, the Committee discusses materiality related to our core business and shares these matters with executives for further deliberation. The results of these deliberations are regularly reported to the Board of Directors, which reviews and approves the reports. We have established these systems so the Board of Directors can oversee our climate change initiatives.

# **Risk Management**

The Sustainability Committee and the Risk Management Committee work together to address sustainability-related risks because they are closely linked to the Group's operational risks.

The Climate Change Scenario Analysis Subcommittee, under the Sustainability Committee, works with internal operational departments to identify climate change risks and opportunities, and to assess the magnitude and

duration of their operational impact. The Sustainability Committee evaluates and reviews the results of these assessments, considers the measures needed, and incorporates them into business strategies.

# Strategy

We recognize that climate change is a material management issue that will continue to impact our business in the future. We conducted scenario analyses aligned with the TCFD recommendations to assess climate change impacts and incorporate climate change countermeasures into our management strategy. In the scenario analysis for fiscal 2024, we used scenarios with increases of 1.5 °C, 2 °C, and 4 °C by 2050 and evaluated the risks and opportunities for our business from the perspectives of government policy and regulations, technology, markets, reputation, and physical risks (acute and chronic).

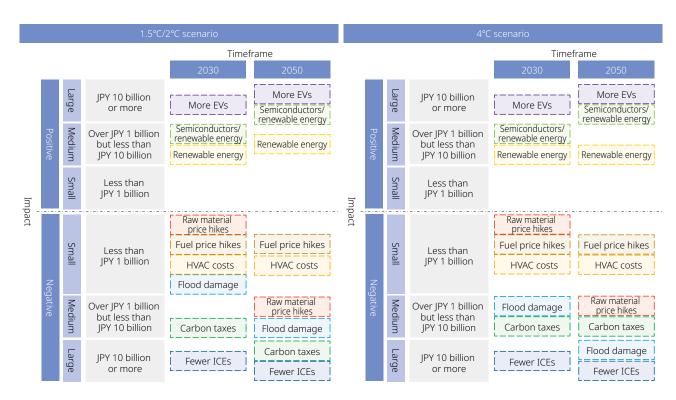
Based on the results of these scenario analyses, we will take actions to address the identified risks and opportunities of NOK Group. We will also continue to expand our scenario analyses and incorporate those results into our business strategies and management plans. We strive to improve the resilience of our management strategies.

Item	1.5°C/2°C scenario	4°C scenario
Regulations and government policy (laws and regulations)	The introduction of carbon taxes and other measures is accelerating the shift toward decarbonization, with significant implications for business operations	Decarbonization policies will not progress significantly, and the operational impact will be limited
Procurement	Progress toward oil independence increases pressure to replace petroleum- derived raw materials Stronger regulations on deforestation and other factors lead to higher natural rubber prices The shift toward decarbonization puts pressure on steel and copper supplies Increased procurement costs and impacted supply because of the factors above	Increases in procurement costs and impacts on supply will be limited
Production	Increased electricity demand due to advances in electrification Significant growth in renewable energy use demands a response	Progress will be made alongside increased electricity demand and the introduction of renewable energy, but changes will be moderate compared to the 1.5°C/2°C scenarios
Sales (automobiles)	Despite expectations that sales will increase in the medium term, they will decline in many regions over the long term Rapid progress overall in ZEVs, but the speed and composition of their popularity growth vary by region, requiring sales strategies tailored to local characteristics	Sales volumes will decrease, and progress in the shift toward ZEVs will be gradual compared to the 1.5°C/2°C scenarios
Other market trends (besides automobiles)	Hydrogen demand will remain limited until 2030, but is expected to expand significantly by 2050 Semiconductor demand will also increase due to decarbonization	Expansion of new green markets will be limited
Physical (chronic): Changing climate patterns	Changes will occur, but will be relatively small	Significant changes will occur
Physical (acute): Extreme weather events	Changes will occur, but the impact will be limited	Significant changes will occur

Scenario definition period covered: 2050 Scope of coverage: Consolidated Referenced scenarios: WEO STEPS, WEO APS, WEO NZE, RCP2.6, RCP4.5, RCP6.0, RCP8.5, etc.

Tonon a sha		Contributing factors	Т			6
Impacts			Short	Medium	Long	Countermeasures
	Government policy, regulations	Introduction of high carbon taxes	•	•	•	Formulating and implementing a CN roadmap     Adopting CN fuels and increasing adoption of renewable energy
	Procurement	Rising raw material costs due to decarbonization (e.g., fossil fuel-derived materials, steel, copper)		•	•	<ul> <li>Monitoring raw material supply and demand forecasts and optimizing procurement costs and prices (e.g., fossil fuel-derived materials, steel, copper)</li> <li>Reducing generated waste (improving yield)</li> </ul>
	Production	Rising fuel costs due to decarbonization (Fossil fuel price hikes)			•	Optimizing energy procurement sources and fuel use
	Sales	Reduced demand for internal combustion engines (ICE, HEV)	•	•	•	Shifting from ICE-oriented products to EV-oriented products
	Physical (chronic)	Increasing HVAC costs due to rising temperatures			•	Advancing automation in production processes     Introducing highly energy-efficient HVAC equipment
	Physical (acute)	Damage caused by typhoons and flooding (Group companies and suppliers)		•	•	<ul> <li>Assessing hazard risks at all locations and countering typhoon and disaster damage (flood prevention)</li> <li>Securing inventory according to risk</li> </ul>
Risks and Opportunities	Reputation	Impact of disclosure measures on corporate value	•	•	•	Actively communicating with stakeholders
	Technology	Reduced costs through energy conservation Reduced fuel and electricity consumption	•	•	•	Reducing generated waste (improving yield)     Shifting to renewable energy for production processes
Opportunities	Sales	Increased demand for electric vehicles (BEVs, FCVs)	•	•	•	Developing and expanding sales of EV-oriented products (xEV and FCV markets)
	Sales	Expansion of the semiconductor and renewable energy markets	•	•	•	Expanding sales to growth industries (e.g., renewable energy, semiconductors)

<sup>\*</sup> Short: -2030, Medium: 2030-2040, Long: 2040-2050



# **Risks and Opportunities**

#### **Physical Risks and Our Measures**

More than 90% of the NOK Group's production sites are located in Asia, including Japan. Among 74 production sites, eight have been assessed to be of high risk by the AQUEDUCT\* flood risk assessment tool (rivers and coastline). The scale and frequency of floods and typhoon damage in the Asian region are expected to increase in the future as the impact of climate change worsens. Accordingly, all of NOK Group's sites, not just those currently designated as high risk, carry the risk of impacting operations and upstream/downstream supply chains.

Our latest analysis of the 4 °C scenario indicated that acute physical risks would have a moderate to significant impact between 2030 and 2050. Given this forecast, we are assessing the risk of hazards from natural disasters at each site and implementing longer-term (at least five years) plans to install water gates and other disaster-prevention measures to address the flood risk at all sites. We are also ensuring we have enough raw materials and product inventory to cope with such risks in an effort to minimize the impacts on upstream and downstream supply chains.

\* AQUEDUCT is a water risk assessment tool made available by the World Resources Institute (WRI). It is presented in the form of a world map that shows water risks in terms of quantity, quality, and regulatory and reputational risks.

# **Transition Risks and Our Measures**

# ■ Sales risks and opportunities

Oil seals, one of the NOK Group's main products, have been widely used in internal combustion engines for automobiles. With the transition to a low-carbon society, we anticipate a risk of reduced sales of oil seals for internal combustion engines due to the increased adoption of electric vehicles and the resulting decline in demand for internal combustion engines. In our latest scenario analyses, we confirmed that the negative impact of reduced demand for internal combustion engine vehicles is significant under both the 1.5°C/2°C and 4°C scenarios.

On the other hand, increased demand for electric vehicles presents opportunities for increased sales of seal products for electrical units and batteries, as well as flexible printed circuit boards (FPC), and should have a significant positive impact. Therefore, we will respond to risks by promoting product development and sales expansion for electric vehicles, which promise future growth. We will also focus on developing products and expanding sales for growth industries that promise increased demand, such as semiconductors and renewable energy.

■ Government policy and regulatory risk
It has become clear that, under the 1.5°C and 2°C scenarios, the global trend toward decarbonization will lead to introducing and bolstering carbon taxes in various countries, significantly impacting operating costs.

Approximately 90% of the NOK Group's CO₂ emissions are derived from electricity. We are concerned that operating costs will increase through two main channels: taxation on CO₂ emissions directly emitted by the NOK Group and carbon taxes added to electricity costs. To address these risks, we will promote the use of carbon-neutral (CN) fuels and expand our use of renewable energy to reduce our CO₂ emissions, while also establishing a CN roadmap and advancing decarbonization in our production processes.

# **Indicators and Targets**

As part of our climate change actions, the NOK Group formulated the NOK Twin Green Plan 2030, and has been promoting the reduction of CO<sub>2</sub> emissions and development of next-generation eco-technologies. Our latest scenario analysis clarifies the impact of climate change and indicates the necessity of bolstering our efforts to reduce CO<sub>2</sub> emissions from 2030 onward. In light of these results and the current social climate, we plan to formulate a CN roadmap and decarbonization plan for 2030 and beyond while updating our CO<sub>2</sub> emission reduction targets.

## **Targets**

2050 Aiming to achieve carbon neutrality

NOK consolidated (domestic)
 NOK consolidated (overseas)
 30% reduction in CO<sub>2</sub> emissions (compared to 2018)
 NOK consolidated (overseas)
 30% reduction in CO<sub>2</sub> emissions per unit (compared to 2018)

# Climate Change Countermeasures

# **Basic Concept**

In recent years, climate change has come to the fore as a global challenge. Efforts to reduce carbon emissions have accelerated in Japan and around the world, as instanced by the entry into force of the 2016 Paris Agreement and Japan's declaration on 2050 carbon neutrality pledge.

Recognizing that climate change is an important global issue that must be addressed to realize a sustainable society, the NOK Group is working to achieve carbon neutrality by 2050. Following the TCFD recommendations, we analyze the risks and opportunities that climate change presents for the company and incorporate relevant countermeasures into our management strategies. We also strive to reduce energy use thoroughly across our value chain, including production and logistics, and actively introduce renewable energy to cut CO<sub>2</sub> emissions.

# Roadmap to achieving carbon neutrality by 2050

In 2022, the NOK Group updated the NOK Twin Green Plan 2030, which it established in 2018, and declared its commitment to achieving carbon neutrality by 2050, a response to the global trend toward decarbonization and the results of its TCFD scenario analysis. Under this long-term vision, the Group is united in its efforts to promote automotive electrification and carbon neutrality and is committed to realizing a sustainable society by providing environmentally friendly products and other relevant business activities.

Furthermore, the NOK Group is working toward achieving this long-term vision, having established milestones for 2030 and short-term goals in its Ninth Groupwide Environmental Conservation Targets for FY2023 to FY2025, as part of its efforts to implement climate change countermeasures. In our constant commitment toward reducing CO<sub>2</sub> emissions, we will maintain updates to our roadmap for hitting reduction targets by 2030 and 2050 while continuing to implement specific reduction measures.

# **Policy Views**

The NOK Group supports the Paris Agreement enacted in November 2016, which aims to hold "the increase in the global average temperature to well below 2°C above pre-industrial levels" and pursue efforts "to limit the

temperature increase to 1.5°C above pre-industrial levels."

With over 50% of our key production facilities located in Japan, we advance measures in compliance with the government's climate change policies, such as the Act on Promotion of Global Warming Countermeasures and the Act on Rationalization of Energy Use and Shift to Non-fossil Energy. We also support the government's goal of carbon neutrality by 2050 and related policies. The NOK Group has set targets for achieving carbon neutrality by 2050 as we work to reduce greenhouse gas (GHG) emissions and promote appropriate and transparent reporting.

# **Relations with Industry Associations**

The NOK Group participates in formulating through industry associations to set industry-wide guidelines for achieving carbon neutrality. We also align our own action plans with these guidelines to maintain consistency.

If an industry association's policy significantly diverges from societal trends, we will take responsible action, such as recommending policy revisions.

# Main associations in which we participate Japan Auto Parts Industries Association (JAPIA)

The Japan Auto Parts Industries Association (JAPIA) is an industry association with many Japanese automotive parts manufacturers as members. Its role is to reduce the environmental impact of its members and lobby the government and other economic organizations. It is also cooperating with climate change initiatives under government policy. Moreover, it identifies issues facing Japanese automotive parts manufacturers and engages in activities such as making proposals to the government and related organizations and participating in international initiatives, recognizing that these activities may have a direct or indirect impact on climate change-related policies and regulations.

NOK has a secretary or member in each JAPIA subcommittee, contributing to discussions, sharing information on our own initiatives, and helping to formulate JAPIA's Environmental Voluntary Action Plan. When formulating our own environmental conservation management policies and plans, we ensure that they are consistent with JAPIA's guidelines by fully integrating JAPIA's Environmental Voluntary Action Plan.

# Managing CO<sub>2</sub> Emissions and Energy Consumption

In FY2024, our domestic group companies reduced  $CO_2$  emissions by 33.2% compared to FY2018. Our overseas group companies reduced  $CO_2$  emission intensity by 34.3% compared to FY2018. We are on track to meet the NOK

Group's FY2030 reduction targets.

We have set ourselves a new target; that 15% of our domestic energy consumption will be from renewable sources. We will thus also be systematically introducing measures to achieve this goal.

NOK Group Three-Year Targets	Scope of coverage	Unit	Baseline figure/ Base year	Target figure/Target year	FY2024 results
CO <sub>2</sub> emissions reduction	Domestic group companies	1,000 t-CO <sub>2</sub>	258.61/2018	183.18/2025 (29% reduction)	172.65 (33.2% reduction)
CO <sub>2</sub> emissions intensity reduction	Overseas group companies	ton-CO <sub>2</sub> / millions of yen	1.31/2018	1.08/2025 (18% reduction)	0.86 (34.3% reduction)
Increase in renewable energy ratio	Domestic group companies	%	0.01/2018	15/2025	5.50

NOK Group Medium- to Long-Term Targets	Scope of coverage	Unit	Baseline figure/ Base year	Target figure/Target year	FY2024 results
CO <sub>2</sub> emissions reduction	Consolidated	1,000 t-CO <sub>2</sub>	759.49/2018	Carbon neutral/2050	540.76 (28.8% reduction)
CO <sub>2</sub> emissions reduction	Domestic group companies	1,000 t-CO <sub>2</sub>	258.61/2018	129.3/2030 (50% reduction)	172.65 (33.2% reduction)
CO <sub>2</sub> emissions intensity reduction	Overseas group companies	ton-CO <sub>2</sub> / millions of yen	1.31/2018	0.92/2030 (30% reduction)	0.86 (34.3% reduction)
Reduction in electricity consumption (energy saving)	Domestic group companies	GWh	455.5/2018	373.5/2030 (18% reduction)	373.81 (17.9% reduction)
Increase in renewable energy ratio	Consolidated	%	0.01/2018	10/2030	14.6

<sup>\*</sup> CO2 emissions are the sum of fuel and electricity consumption multiplied by the conversion factor. Fuel CO2 conversion factors are calculated using emission factors based on the Law Concerning the Promotion of Measures to Cope with Global Warming. The electric power CO2 conversion factors are: domestic—emission factors by electric utility; and overseas—"CO2 Emissions from Fuel Combustion" by the International Energy Agency (IEA) (using both market-based and location-based methods).

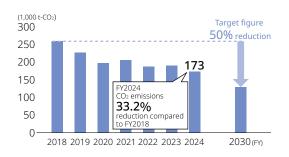
(t-CO<sub>2</sub>)

# Greenhouse gas breakdown (domestic)

 $NF_3$ 

CO<sub>2</sub> emissions not IPCC Fifth Assessment Report 3.665 (AR5 value for a 100-year time horizon) from energy sources IPCC Fifth Assessment Report CH₄ 381 (AR5 value for a 100-year time horizon) IPCC Fifth Assessment Report N<sub>2</sub>O 384 (AR5 value for a 100-year time horizon) IPCC Fifth Assessment Report HFCs 1,069 (AR5 value for a 100-year time horizon) IPCC Fifth Assessment Report PFCs 70 (AR5 value for a 100-year time horizon) IPCC Fifth Assessment Report SF<sub>6</sub> 1,104

# CO<sub>2</sub> emissions reduction target (domestic)



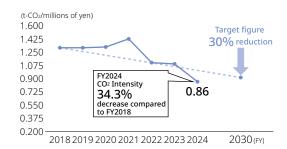
(AR5 value for a 100-year time horizon)

IPCC Fifth Assessment Report

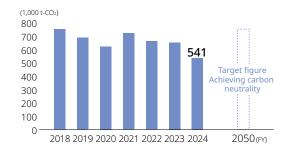
(AR5 value for a 100-year time horizon)

The renewable energy ratio includes CO<sub>2</sub>-free electricity, credits, and certificates.

# CO<sub>2</sub> emissions intensity (overseas)



# CO<sub>2</sub> emissions reduction target (consolidated)



# **Adoption of Internal Carbon Pricing**

The NOK Group is promoting the adoption of internal carbon pricing (ICP) to further measures aimed at reducing CO<sub>2</sub> emissions with a view to achieving carbon neutrality. Internal carbon pricing is a mechanism that we use to attach our own monetary value (carbon price) to CO<sub>2</sub> emissions. In doing so, it provides a frame of reference for investment, thereby facilitating investment in equipment that contributes to CO<sub>2</sub> emission reductions. We have set a carbon price of 30,000 yen/ton-CO<sub>2</sub> for capital investments (environmental investments) that help lower CO<sub>2</sub> emissions (Scope 1 and 2), such as extremely energy-efficient equipment and renewable energy equipment (solar power generation). Using this mechanism, we intend to step up the pace of efforts to reduce CO<sub>2</sub> emissions and do everything we can to achieve carbon neutrality.

# Researching, Developing, and Implementing Energy Conservation Technologies

We have set an energy conservation development goal to "develop production facilities that cut energy usage by 20%." Specifically, we test energy conservation measures

FY:	2024 Scope 3 breakdown	(1,000 t-CO <sub>2</sub>
	Category	CO <sub>2</sub> emissions
1	Purchased goods and services	1,905
2	Capital goods	180
3	Fuel- and energy-related activities (not included in Scopes 1 and 2)	88
4	Upstream transportation and distribution	10
5	Waste generated in operations	10
6	Business travel	5
7	Employee commuting	15
8	Upstream leased assets	0.25
9	Downstream transportation and distribution	_
10	Processing of sold products	0.04
11	Use of sold products	N/A
12	End-of-life treatment of sold products	1
13	Downstream leased assets	N/A
14	Franchises	N/A
15	Investments	N/A
Tota	al	2,215

<sup>\*</sup> Category 9 is not included in the calculation because it is difficult to calculate its current status.

for production equipment, including introducing heat equalization and new heating methods in vulcanizing machines.

Other initiatives in our continual efforts to conserve energy include adopting an approach that limits pressure and flow rate outputs to precisely what is needed by replacing the fixed-speed motors in hydraulic equipment with servo or inverter-controlled motors, as well as updating any aging equipment and replacing equipment that malfunctions with energy-efficient alternatives.

# **Reducing Energy Usage with Heat Shielding**

Kikugawa Seal Industry has installed heat shielding sheets (thermal barriers) on the folded plate roof of the assembly building (868 m²). During the summer, the surface temperature of the corrugated roof reached 70°C to 80°C, and the radiant heat was impacting human health. Installing the thermal barriers significantly reduced the radiant heat effects, improving working conditions and reducing electricity consumption by 42 MWh/year (19.3 t-CO<sub>2</sub>/year).

# **Resource Conservation and Waste Recycling**

# **Basic Concept**

In recent years, many around the world are calling for a shift to a recycling society and demanding that businesses further promote the efficient use of resources, taking into account entire product lifecycles, as well as the 3Rs (Reuse, Reduce and Recycle). The NOK Group contributes to realizing a recycling-oriented society through a range of measures throughout the product life cycle, including the efficient use of resources such as raw materials, water, and energy as well as waste reduction and recycling of resources by improving each process.

## **Resource Use and Waste Management**

In FY2024, our domestic landfill disposal amounted to 1,732 tons, an increase from the previous fiscal year. As a result of this increase, the recycling rate stood at 96.2%. In addition, we achieved a 15.9% reduction in average emissions over the past five years, significantly exceeding our target.

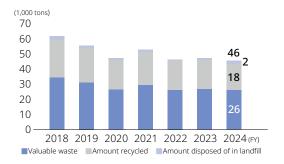
Resource use targets and results for FY2024	Scope of coverage	Unit	Baseline figure/Base year	Target figure/Target year	FY2024 results
Increase in by-product recycling rate	Domestic group companies	%	96.8/2018	100/2030	96.2

<sup>\*</sup> By-product: General term for industrial waste and valuable resources.

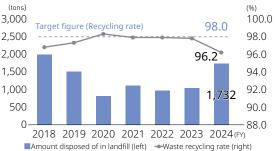
<sup>\*</sup> Recycling rate: Recycling rate = 1 – amount of landfill disposal / amount of by-product generated  $\times$  100

Waste-related targets and results for FY2024	Scope of coverage	Unit	Baseline figure/Base year	Target figure/Target year	FY2024 results
Reduction in industrial waste against average of past 5 years	Domestic group companies	tons	20,583/2023	21,722/2024 (1.0% reduction)	19,582 (15.9% reduction)

# Amount of industrial waste generated (domestic)



# Amount disposed of in landfill and by-product recycling rate (domestic)



# Reusing rubber flash

NOK generates approximately 9,500 tons of rubber flash (unwanted parts generated during molding and processing) annually in the production of rubber products. Against this backdrop, we established a working team consisting of multiple departments, including R&D, Sustainability Promotion, and Sales, to examine ways to utilize rubber flash. As part of these efforts, we have successfully developed recycled rubber mats molded from reused rubber flash.

NOK handles many types of high-performance rubber, and recycled rubber mats made from fluorine rubber flash are heat-resistant to temperatures of 200°C and offer excellent oil, water, and chemical resistance. They also have high flame resistance and self-extinguishing properties, contributing to fire prevention in areas where sparks may fly.

# **Converting Waste into Valuable Resources**

As part of its waste reduction efforts, Mektec is converting flammable waste oil into valuable resources. We have reduced industrial waste by 21.9 tons by recycling what was once considered industrial waste into valuable resources. Additionally, we are exploring the possibility of recycling FPC with metal components as valuable resources once we have accumulated a significant amount.

#### **Reducing Septic Tank Sludge**

As part of its waste reduction efforts, Mektec has optimized the reverse wash timer for blowers in septic tanks. This optimization has led to a 90% reduction in septic tank sludge (general waste). It has also improved the quality of the treated water from the contact aeration tank to maintain a transparency of 30 degrees, compared to the legal requirement of 20 degrees, contributing to overall water quality improvement.

# **Conservation of Water Resources**

# **Basic Concept**

Currently, the global shortage of water resources is seen as a problem. It has become increasingly important for companies to make effective use of water resources to bring about a sustainable society. The NOK Group works to conserve water resources by identifying and reducing the amount of water used in its production processes, and by taking thorough measures to purify wastewater. In addition, we assess the water risks in each country and region and promote the conservation of water resources tailored to the local area.

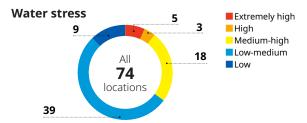
# **Response to Water Risk**

The NOK Group uses high-quality water in its production processes. Ensuring a stable supply of high-quality water is vital for our business operations. If a natural disaster or other event prevents a stable supply of high-quality water, we expect this to impact our value chains and disrupt supply chains. Water resources are deeply tied to our business activities.

Moreover, since wastewater generated in the production process may contain harmful substances, there is a concern that if wastewater exceeds the legally prescribed standard, it may cause environmental pollution and harm the local community. For this reason, we regularly carry out thorough wastewater treatment control, run emergency drills, and review response procedures.

# **Assessment of Water Risks with AQUEDUCT**

The NOK Group conducts water risk assessments across the Group to efficiently promote response measures to water risks. The results of the study on water stress at all of our production locations obtained by using AQUEDUCT\*, which is operated by the World Resources Institute (WRI), are as follows:



The survey revealed that of 74 production sites—six cities in Thailand and China, and two sites in Germany— are located in areas with high water stress. The NOK Group is currently working to identify and reduce our global water withdrawals. In addition, we will conduct water risk assessments when building new facilities and strive to promote production and conserve water resources, taking into account water withdrawals and wastewater.

\* A water risk assessment tool published by the World Resources Institute (WRI) that uses a world map to show various information on water risks, such as water quantity, water quality, regulations, and reputation.

# Water withdrawals in certain water-stressed regions

(m³)

Country	Production sites			Water withdrawals
Thailand	Thai NOK Co., Ltd	2	Extremely High	486,444
China	Changchun NOK-Freudenberg Oil seal Co., Ltd.	1	Extremely High	47,845
Thailand	Mectec Manufacturing Corporation (Thailand) Ltd.	1	High	863,313
Thailand	Mectec Precision Component (Thailand) Ltd.	1	High	74,099

## **Water Management**

At the NOK Group, our water management approach focuses on wastewater quality and volume of water withdrawals. For wastewater quality, we set stricter internal standards than those legally mandated globally and conduct regular wastewater analyses to ensure cleaner wastewater. Our water withdrawals management aims to

control the increase in water withdrawals with consolidated goals as we actively work to reduce water usage. In FY2024, the total water withdrawal for all our factories worldwide was 8.728 m³, while the total wastewater was 6.126 m³. Water withdrawal volume increased compared to FY2023. In the next fiscal year, we will start being more proactive in conserving water resources.

Water resource targets, and results for FY2024	Scope of coverage	Unit	Baseline figure/Base year	Target figure/Target year	FY2024 results
Increase-controlled water withdrawals	Consolidated	1,000 m <sup>3</sup>	8,691/2023	8,691/2024	8,728

The Electronic Products Business has production sites in water-risk areas and involves some of the highest water use in the NOK Group. As part of our measures to address future water risks, we have developed a water management plan\* for this business that aims to reduce water withdrawals by 6.4% compared to 2022 levels.

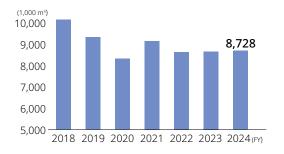
Specific initiatives in this plan include optimizing the

amount of water supplied to air conditioning equipment and used to clean pure water generators in our production processes. We also recycle wastewater generated during water purification using NOK UF membranes, diverting it to domestic use, such as in toilets.

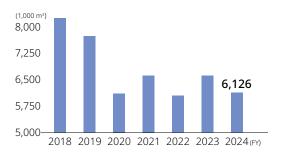
\* This water management plan applies to 9 out of 52 main production sites in the NOK Group (17%), and 61% of the Group's total water withdrawals.

Water resource targets and results for FY2024	Scope of coverage	Unit	Baseline figure/ Base year	Target figure/Target year	FY2024 results
Reduction of water withdrawals	Electronic Products Business (domestic)	1,000 m <sup>3</sup>	816/2022	702/2025	713 (12.6% reduction)
Reduction of water withdrawals	Electronic Products Business (overseas)	1,000 m <sup>3</sup>	4,516/2022	4,290/2025	4,271 (5.4% reduction)

# Water withdrawals (consolidated)



# Wastewater (consolidated)



# Violation of Laws and Regulations on Water Withdrawal and Wastewater

In FY2024, there were no significant non-conformities in the NOK Group related to water volume or water quality.

 $^{st}$  For details on fines, surcharges, and lawsuit costs, please refer to page 15.

# **Rice Paddy Ownership Program**

Since FY2019, the NOK Kumamoto Plant has been supporting a groundwater recharge project by the Kumamoto Groundwater Foundation as part of its efforts to protect water resources. Businesses and groups sign agreements with local farmers who have rice paddies in groundwater recharge zones. As they grow rice together, the water stored in the paddies soaks into the ground, recharging groundwater levels. In FY2024, 51 people took part in planting rice, and 35 helped with the harvest. They managed to recharge 4,495 m³/year of groundwater.

# **Efforts to Reduce Water withdrawals**

Mektec is taking measures to reduce water withdrawals by controlling water withdrawal valves. Its initiatives reduced water withdrawals in fiscal 2024 by 12.6% compared to 2022. Going forward, we will pursue activities that reduce water consumption in production facilities and other areas.

Mektec Manufacturing Corporation (Suzhou) has optimized the conductivity control values of its cooling towers, achieving water savings of approximately 22,000 m³/year. It saved an additional 28,803 m³/year by optimizing the water supply time and volume for regularly used water in faucets and toilets.

# **Management of Substances of Concern**

# **Basic Concept**

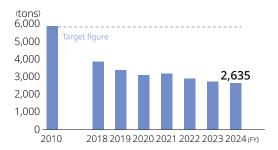
Owing to the problem of chemical substances destroying ecosystems and harming people's health, global regulations on substances of concern are becoming increasingly stringent every year. The NOK Group will reduce the substances of concern used and emitted in its business activities, minimize and try to eliminate the impacts of pollutants in society, identify and manage chemical substances throughout the product life cycle, and help reduce the environmental impacts in the entire supply chain.

# **Chemical Substance Management**

The NOK Group's VOC emissions for FY2024 were 2,600 tons, below our target of 5,860 tons.

VOC emission targets and FY2024 results	Scope of coverage	Unit	Baseline figure	Target figure	FY2024 results
Controlling VOC emissions	Consolidated	1,000 tons	_	5.86 or less	2.6

# VOC emissions (consolidated)



# **Managing Substances of Concern in Products**

The NOK Group manages substances of concern in its products in accordance with the EU's RoHS 2 Directive, REACH regulation, and other relevant laws and regulations in every country where it operates. Internally, we continuously monitor legal and regulatory information and ensure that environmental and engineering departments collaborate to conduct prior verification in cases of potential conflict.

Moreover, we trace our supply chain at our clients' requests to confirm the presence or absence of substances and provide them with various data we prepare, including substance content investigation reports, IMDS, JAPIA sheets, and chemSHERPA.

# Developing and Marketing Environmentally Compliant Products

NOK Klueber is responding to PFAS regulations in the EU and the US by developing and expanding PFAS-free coatings and greases. Alongside our agile response to global regulations, we are also focusing on providing environmentally acceptable lubricants (EAL)\* that help mitigate environmental damage and biodiversity loss.

\* Environmentally acceptable lubricants are designed to have characteristics such as biodegradability and low toxicity, minimizing their impact on ecosystems even in the event of leakage.

# **Environmentally Friendly Products**

# **Basic Concept**

To minimize the impacts of climate change, the depletion of resources, waste treatment, the growing demand for water resources, and other environmental risks, and to create a sustainable society, we cannot ignore the environmental burden of products we use on a daily basis. Companies are required to help address environmental problems by developing products and technologies with consideration for their entire life cycle, from procurement of raw materials to production, transportation, use, and disposal of products, thereby contributing to environmental conservation.

The NOK Group is committed to developing products that contribute to the next-generation eco-technologies by taking the entire product lifecycle in consideration.

#### **Product Assessment**

In the document, "Environmental Preservation Assessment Standards for Products" which is intended for new product design, we include new designs for material formulation, manufacturing process, and production facility. Based on this standard, we conduct environmental assessments throughout the entire product life cycle from the raw material procurement stage through product, processes, and manufacturing facility design, as we promote the development of environmentally friendly products.

Assessment	Design	Production	Use	Disposal
Green procurement	0	0		
Disuse of substances of concern (regulatory compliance, minimizing external discharge and dispersion)	0	0		0
Reduction of energy consumption (using energy-efficient materials and equipment, contributing to energy savings during use)	0	0	0	
Use of resources (recyclable materials, fewer resources used, improved yields, improved service life)	0	0	0	
Reduction of waste (ease of disassembly, reuse, low disposal ratio)	0	0		0

# Quantitative Data on Eco-Friendly Products (Production Volume, Waste Amount, Recycling Amount, etc.)

As part of the Green Product component of the Twin Green Plan 2030, the NOK Group has continued to engage in business activities with the stated aim of helping to reduce CO<sub>2</sub> emissions through its products. To efficiently and

effectively promote this initiative, we have calculated, based on our own standards, the size of our contributions to  $CO_2$  reductions at the NOK product use stage. These calculations showed that we cut emissions by 1.35 million t- $CO_2$  in FY2024. We will continue to contribute to the goal of carbon neutrality by developing and expanding sales of products that help reduce  $CO_2$  emissions.

## Approach to calculating size of contributions to CO2 reductions

 $CO_2$  reduction contribution [ $CO_2$ ] = contribution to  $CO_2$  reductions per product [ $CO_2$ /items/hours] x duration of use [hours] x annual sales volume [items]

\*Only automotive products were included in the scope of calculation

# **Environmental Accounting**

In targeting sustainable development and with the aim of efficiently and effectively taking action to address

environmental conservation issues, we grasp how much we need to invest and spend on environmental conservation in our business activities every year.

Trends in environmental investments and costs	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Environmental conservation investments	Non-consolidated	millions of yen	464	495	544	637	1,827
Environmental conservation costs	Non-consolidated	millions of yen	620	550	556	655	928
Total	Non-consolidated	millions of yen	1,084	1,045	1,100	1,293	2,754

Environmental conservation costs and investments	Scope of coverage	Unit	FY2022	FY2023	FY2024
Pollution and resource costs	Non-consolidated	millions of yen	168	166	149
Pollution and resource investments	Non-consolidated	millions of yen	2	9	25
Water risk costs	Non-consolidated	millions of yen	49	24	19
Water risk investments	Non-consolidated	millions of yen	33	23	70

In terms of potential future costs, or shadow costs, we expect 205 million yen in pollution and resource-related costs, which relate to measures such as waste treatment and analysis of environmentally hazardous substances. We

also anticipate 19 million yen in water risk costs, which relate to measures such as wastewater and groundwater analysis and the purchase of wastewater treatment equipment and chemicals.

Effects of environmental conservation	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Reduction of power consumption	Non-consolidated	GWh	5	9	11	12	8
Reduction of CO <sub>2</sub> emissions	Non-consolidated	t-CO <sub>2</sub>	2,033	4,258	5,006	5,586	4,530

Economic effects of environmental conservation measures	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Energy-saving effect	Non-consolidated	millions of yen	61	107	194	259	198
Gain on sales of recyclable materials	Non-consolidated	millions of yen	248	1,256	1,145	1,083	999

		FY2024 NOK environmental accounting			
	Category	Main contents	Unit	Investments	Costs
Bus	iness area costs	Environmental conservation costs to control environmental burden caused by business activities within business areas	millions of yen	820	279
	Pollution prevention costs	Investment, and maintenance and management costs related to pollution prevention activities	millions of yen	265	67
	Global environmental conservation costs	Investment, and maintenance and management costs related to global warming countermeasures, including energy conservation	millions of yen	539	63
	Resource circulation costs	Investment, and maintenance and management costs related to resource recycling activities, including waste disposal and recycling	millions of yen	17	149
Ups	tream and downstream costs	Costs of controlling the environmental burden that occurs in upstream and downstream processes, such as green procurement, etc.	millions of yen	0	0
Mar	nagement activity costs	Costs associated with management activities such as ISO 14001 maintenance and operation	millions of yen	0	68
Res	earch and development costs	Costs of research and development that contributes to the environment, such as the development of environmentally friendly products	millions of yen	1,006	579
Soci	al activity costs	Costs related to greening of business establishments and support for the activities of environmental conservation groups	millions of yen	0	1
	ts involved in dealing with ronmental damage	Costs associated with the removal of environmental burdens, such as special equipment and facilities	millions of yen	0	0
Fine	s, penalties and/or legal costs	associated with the settlement of environmental accidents and complaints	millions of yen	0	0
Sub	total		millions of yen	1,827	928
Tota	ıl		millions of yen	2,754	

# **Conservation of Biodiversity**

# **Basic Concept**

In recent years, species have become extinct mainly as a result of the destruction of the natural environment, overexploitation, and climate change, and subsequently, the world's biodiversity is shrinking at an alarming rate. A new set of 23 targets for biodiversity through to the year 2030, known as the Kunming-Montreal Global Biodiversity Framework, was adopted. The conservation of biodiversity is one of the global challenges, and efforts are being made in various countries.

The NOK Group undertakes no business activities in regions designated as a World Heritage Site and has no plans to do so. As part of our efforts to protect biodiversity, we will carry out risk assessments and partner with external organizations to implement measures to help prevent deforestation and alleviate the impacts on ecosystems.

We also ask that our suppliers take biodiversity into account when doing business and we intend to strengthen partnerships to ensure that net-positive impacts are felt across the entire supply chain, not just by our primary suppliers.

# **Biodiversity Conservation Guidelines**

The NOK Group advances initiatives to conserve biodiversity, aiming to achieve a net positive impact.

- We assess biodiversity risks in our business and identify the impact of our activities on biodiversity.
- Based on the mitigation hierarchy (precedence of avoid, minimize, restore, offset), we develop and implement policies to prevent deforestation and conserve biodiversity.
- We do not conduct business activities in globally important biodiversity areas such as UNESCO World Natural Heritage sites.
- We work with suppliers, external groups, and other stakeholders to help prevent forest destruction and preserve biodiversity.

# **Biodiversity Risk Assessments**

The NOK Group assesses the risks of how its business activities might affect biodiversity groupwide. We used the ENCORE\*1 tool to identify the NOK Group's dependency on natural capital and the relevant impacts. The results did not reveal any high risks in terms of dependencies, but we did identify impact risks in multiple areas.

\*1 ENCORE: A tool developed jointly by the Natural Capital Finance Alliance (NCFA), the United Nations Environment Programme World Conservation Monitoring Centre (UNEP-WCSC), and other organizations to assess the risks and opportunities posed by business to natural capital

Related risks	Items classified as Very High or High	Risks	
Dependencies (11 items)	No items		
	GHG emissions	VH	
	Soil pollutants	Н	
Impacts (7 items)	Water pollutants	Н	
	Solid waste	Н	
	Water use	Н	

'Next, we used the IBAT\*2 to study the relationships between our 74 production sites and key biodiversity areas. The results of the study revealed that there is one wetlands area designated under the Ramsar Convention and five IUCN Category II (national parks) protected sites within a 5 km radius of the production sites. We confirmed that none of our operations are in areas of globally vital biodiversity, such as World Heritage sites.

\*2 IBAT is a biodiversity information database tool developed by an alliance comprising the IUCN, the UNEP-WCMC, Birdlife International (an international environmental NGO), and Conservation International.

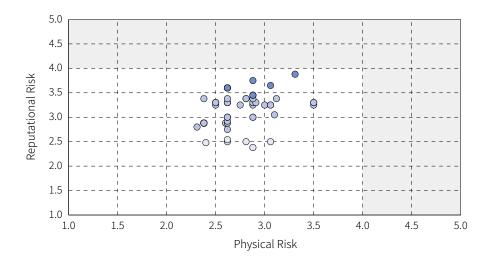
	No. of sites	World	Ramsar	MAB	IUCN				
	INO. OI SILES	Heritage				Ib		III	
Domestic production sites	49	0	1	0	0	0	5	0	
Overseas production sites	25	0	0	0	0	0	0	0	
Total	74	0	1	0	0	0	5	0	

<sup>\*</sup> World Heritage: Sites chosen by UNESCO for their cultural, historical, or scientific importance
Ramsar: a wetland designated by a country under the Ramsar Convention
MAB: Areas internationally recognized as biosphere reserves under the UNESCO Man and the Biosphere (MAB) Programme
IUCN: Areas inhabited by species listed as critically endangered or endangered on the IUCN Red List

Furthermore, we used the WWF Biodiversity Risk Filter\*3 to assess biodiversity risks at NOK Group's 74 production sites. None of our production sites were found to be "very high" or "High" risk in terms of biodiversity risks (either physical or reputational). We will continue to perform risk assessments of biodiversity and our business activities,

leverage this time results of these studies in our measures for safeguarding biodiversity, and press ahead with initiatives best suited to the characteristics of each region.

\*3 The WWF Biodiversity Risk Filter is a risk assessment tool for biodiversity made available by the World Wide Fund for Nature.



# Biodiversity education through nature observation

Under the guidance of Fujisawa City Hall, the NOK Shonan R&D Center held a nature observation event at Hikiji River Wetland Park. Employees and their families attended the event, observing endangered species such as Penthorum chinense and the Japanese freshwater crab, deepening their understanding of the connection between the local wildlife and the natural environment.

Synztec also participated in a coastal observation event at Tenjin Island and water quality and ecological surveys along the Sekine River, both organized by the Yokosuka City Regional Water Quality Board. Participants learned about the habitats of creatures such as the kebukagani crab and sea cucumbers, and gained a deeper understanding of the effects of global warming from experts.

# Conserving the Kyushu azalea

As part of our biodiversity activities, Kumamoto NOK employees took part in a project to conserve the Kyushu azalea conducted by the Ministry of the Environment. They removed dead branches and yashabusi trees (deciduous trees) that hinder the azalea's growth. The Ministry of the Environment also held a lecture on biodiversity before the conservation activity, providing our employees with a valuable opportunity to engage with the natural environment.

# **Environmental Performance Data**

	Input	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Total o	consumption of raw	Non-consolidated and manufacturing subsidiaries	tons	80,646	89,157	79,183	85,516	81,108
	Rubber	Non-consolidated and manufacturing subsidiaries	tons	11,742	13,154	11,994	12,297	11,756
	Compounding ingredients and adhesives	Non-consolidated and manufacturing subsidiaries	tons	9,921	11,012	10,188	10,884	10,649
	Plastics	Non-consolidated and manufacturing subsidiaries	tons	965	1,149	1,039	1,086	1,042
	Metals	Non-consolidated and manufacturing subsidiaries	tons	58,018	63,842	55,962	61,249	57,661
Total e	energy consumption	Non-consolidated and manufacturing subsidiaries	TJ	1,156	1,245	1,230	1,173*1	1,169*1
rotare		Consolidated	TJ	4,709	5,276	4,958	5,014	5,191 <sup>**1</sup>
	Electricity/Heat	Non-consolidated and manufacturing subsidiaries	TJ	1,039	1,118	1,104	1,043*1	1,033**1
	Electricity/neat	Consolidated	TJ	4,079	4,600	4,319	4,415	4,567 <sup>*1</sup>
	Fuels	Non-consolidated and manufacturing subsidiaries	TJ	118	127	127	130*1	136*1
	rueis	Consolidated	TJ	630	676	639	599	623 <sup>*1</sup>
Energ	y emissions	Non-consolidated and manufacturing subsidiaries	TJ/millions of yen	0.010	0.010	0.010	0.009	0.009
intens	iity	Consolidated	TJ/millions of yen	0.010	0.010	0.008	0.008	0.008
Renev	vable energy ratio	Consolidated	%	0.2	0.4	3.8	12.2	14.6
Total	vater withdrawals	Non-consolidated and manufacturing subsidiaries	1,000 m³	809	832	792	712	692*1
Total	vater witharawais	Consolidated	1,000 m³	8,347	9,187	8,667	8,691	8,728*1
	City water	Non-consolidated and manufacturing subsidiaries	1,000 m³	612	664	620	503	502 <sup>**1</sup>
	city water	Consolidated	1,000 m³	4,575	4,961	4,269	4,112	3,952*1
	Industrial water	Non-consolidated and manufacturing subsidiaries	1,000 m³	27	31	34	32	35*1
	Industrial Water	Consolidated	1,000 m³	3,505	4,012	4,192	4,344	4,577*1
	Ground water	Non-consolidated and manufacturing subsidiaries	1,000 m³	171	137	139	177	155 <sup>*1</sup>
	Grodina water	Consolidated	1,000 m³	267	214	207	236	200*1
Inputs	(water withdrawals)	Non-consolidated and manufacturing subsidiaries	m³/millions of yen	5.9	5.6	5.7	5.5	5.3
emissi	ons intensity	Consolidated	m³/millions of yen	17.0	16.6	14.1	14.0	14.0
Water	consumption	Non-consolidated and manufacturing subsidiaries	1,000 m³	302	235	218	150	150 <sup>**1</sup>
vvatel	Consumption	Consolidated	1,000 m³	2,237	2,568	2,625	2,078	2,473*1
	mption of inces subject to PRTR	Non-consolidated and manufacturing subsidiaries	tons	1,455	1,573	1,456	1,316	1,477

Output		Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
	Scope1	Non-consolidated and	1,000 t-CO <sub>2</sub>	7	8	8	8*1	13*1
	Scope2	manufacturing	1,000 t-CO <sub>2</sub>	140	149	129	128*1	117*1
Total CO <sub>2</sub> emissions	Scope1+2	subsidiaries	1,000 t-CO <sub>2</sub>	147	156	137	136*1	130*1
Location based*2	Scope1		1,000 t-CO <sub>2</sub>	38	41	39	36	44*1
Sco	Scope2	Consolidated	1,000 t-CO <sub>2</sub>	598	700	633	621	507*1
	Scope1+2		1,000 t-CO <sub>2</sub>	636	741	672	657	551*1

OUTP	PUT	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
	Scope1		1,000 t-CO <sub>2</sub>	7	8	8	8	13*1
	Scope2	Non-consolidated and manufacturing subsidiaries	1,000 t-CO <sub>2</sub>	137	140	128	134	114*1
Total CO <sub>2</sub> emission	ons Scope1+2		1,000 t-CO <sub>2</sub>	144	148	136	142	127*1
Market based*2	Scope1		1,000 t-CO <sub>2</sub>	38	41	39	36	<b>44</b> *1
	Scope2	Consolidated	1,000 t-CO <sub>2</sub>	590	685	628	622	520 <sup>*1</sup>
	Scope1+2	-	1,000 t-CO <sub>2</sub>	628	727	667	658	564 <sup>**1</sup>
CO <sub>2</sub> emissions	for Scope 3	Consolidated	1,000 t-CO <sub>2</sub>	269	2,169	2,137	2,192	2,215
NO		Non-consolidated and manufacturing subsidiaries	tons	3.4	3.2	4.5	4.3	4.7
NOx		Domestic group companies	tons	9.1	8.2	8.5	6.3	7.3
50		Non-consolidated and manufacturing subsidiaries	tons	2.0	1.7	2.3	2.2	2.7
SOx		Domestic group companies	tons	3.0	2.6	3.1	4.8	3.4
V06		Non-consolidated and manufacturing subsidiaries	1,000 tons	1.7	1.8	1.6	1.6	1.4
VOC emissions	S	Consolidated	1,000 tons	3.1	3.2	2.9	2.7	2.6
Emissions of sub subject to PRTR	ostances	Non-consolidated and manufacturing subsidiaries	tons	102	123	68	104	106
		Non-consolidated and manufacturing subsidiaries	1,000 m <sup>3</sup>	507	597	574	562	542*1
Total wastewa	ter	Consolidated	1,000 m <sup>3</sup>	6,111	6,619	6,043	6,613	6,126 <sup>*1</sup>
<b>G</b> :	L.L.	Non-consolidated and manufacturing subsidiaries	1,000 m <sup>3</sup>	451	538	510	506	488 <sup>*1</sup>
River/l	lake	Consolidated	1,000 m <sup>3</sup>	2,755	3,014	2,647	3,107	2,757*1
C		Non-consolidated and manufacturing subsidiaries	1,000 m <sup>3</sup>	56	58	64	56	54 <sup>*1</sup>
Sewag	ge system	Consolidated	1,000 m <sup>3</sup>	3,356	3,605	3,396	3,506	3,369*1
DOD 11		Non-consolidated and manufacturing subsidiaries	tons	3.53	5.34	4.04	5.92	5.07
BOD load		Domestic group companies	tons	5.36	6.96	7.92	12.77	8.89
Industrial was	+0	Non-consolidated and manufacturing subsidiaries	1,000 tons	14	15	14	14*1	13*1
Industrial was	ite	Consolidated	1,000 tons	49	57	50	46	39*1
Amou	nt of waste	Non-consolidated and manufacturing subsidiaries	1,000 tons	14	15	14	14	13*1
recycle	ed	Consolidated	1,000 tons	44	51	44	43	36 <sup>*1</sup>
Landfi	ill disposal	Non-consolidated and manufacturing subsidiaries	1,000 tons	0.03	0.02	0.02	0.01	0.02*1
amou	nt	Consolidated	1,000 tons	5	6	5	3	<b>4</b> *1
Valuable waste	0	Non-consolidated and manufacturing subsidiaries	1,000 tons	24	27	24	25*1	24*1
valuable waste	e	Consolidated	1,000 tons	47	55	51	55	53 <sup>*1</sup>
Recycling rate		Non-consolidated and manufacturing subsidiaries	%	99.92	99.95	99.93	99.96	99.94 <sup>**1</sup>
		Consolidated	%	94.77	94.59	95.11	97.25	96.22 <sup>*1</sup>
Major environ	mental	Consolidated	yen	0	0	0	0	0
Number of major r incidents related to withdrawals and w	o water	Consolidated	Number	0	0	0	0	0
CO <sub>2</sub> emissions rec product usage ph		Non-consolidated and manufacturing subsidiaries	10,000 t-CO <sub>2</sub>	_	_	108	135	135

<sup>\*1</sup> This data has been verified by a third party.

\*2 CO<sub>2</sub> emissions are the sum of fuel and electricity consumption multiplied by a conversion factor. The CO<sub>2</sub> conversion factor for fuel uses an emission factor based on Japan's Act on Promotion of Global Warming Countermeasures. For electric power CO<sub>2</sub> conversion factors, in Japan we use the emission factors of different general transmission and distribution utilities; overseas we use the CO<sub>2</sub> Emissions from Fuel Combustion factor of the International Energy Agency (IEA) (combining market- and location-based methods)

# **Environmental Performance Results Aggregation Range**

Page	Theme		Item	Aggregation range
			Raw materials	Non-consolidated and domestic manufacturing subsidiaries
		_	Energy	Non-consolidated and domestic manufacturing subsidiaries
		Input	Water	Non-consolidated and domestic manufacturing subsidiaries
D.S.	.2 Material Balance		Environmentally hazardous substances	Non-consolidated and domestic manufacturing subsidiaries
P.Z			Gas emissions	Non-consolidated and domestic manufacturing subsidiaries
		Output	Wastewater	Non-consolidated and domestic manufacturing subsidiaries
		Garpar	Industrial waste, etc.	Non-consolidated and domestic manufacturing subsidiaries
			Environmentally hazardous substances	Non-consolidated and domestic manufacturing subsidiaries
		NOK Group Three-Year	CO <sub>2</sub> emissions	Domestic group companies
		Targets	CO <sub>2</sub> emissions intensity	Overseas group companies
		largets	Increase in renewable energy ratio	Domestic group companies
			CO <sub>2</sub> emissions	Consolidated
57.0	Climate Change	NOK Group Medium- to	CO <sub>2</sub> emissions	Domestic group companies
P.7-9	Countermeasures		CO <sub>2</sub> emissions intensity	Overseas group companies
		Long-Term Targets	Electricity consumption	Domestic group companies
			Increase in renewable energy ratio	Consolidated
			GHG	Domestic group companies
			Scope 3	Consolidated
			Landfill disposal amount	Domestic group companies
P.10	Resource Conservation		By-product recycling rate	Domestic group companies
1.10	and Waste Recycling		Industrial waste	Domestic group companies
			Water risk assessment	Consolidated
P.11-12	Conservation of Water		Total water withdrawals	Consolidated
1.11 12	Resources		Wastewater	Consolidated
P.13	Management of Substances of Environmental Concern		VOC emissions into the atmosphere	Consolidated
P.14-15	Environmentally Friendly Products	Environmental Accounting	Various costs and investments	Non-consolidated
			Raw materials	Non-consolidated and domestic manufacturing subsidiaries
		Innut	Energy	Consolidated
		Input	Water	Consolidated
			PRTR results	Non-consolidated and domestic manufacturing subsidiaries
	Environmental Performance Data		CO2 emissions	Consolidated
P.18-19			NOx	Domestic group companies
	r chormance Data		SOx	Domestic group companies
			VOC emissions into the atmosphere	Consolidated
		Output	Wastewater	Consolidated (BOD figures are for domestic group companies)
			Industrial waste, etc.	Consolidated
			PRTR results	Non-consolidated and domestic manufacturing subsidiaries

# List of ISO 14001-certified companies

In the NOK Group, 100% of plants/offices have obtained ISO 14001  $\,$ 

Country/Region	ISO 14001-certified companies
	NOK CORPORATION
	Tenei Seal Industry Corporation
	NOK METAL Co., Ltd.
	Miyagi NOK Corporation
	Miharu Industry Corporation
	Tohoku Seal Industry Corporation
	Nihonmatsu NOK Corporation
	Isohara Polyurethane Industry Corporation
	Isshin Industries Corporation
	Kanasei Corporation
	Kikugawa Seal Industry Co., Ltd.
	MYK Corporation
	TVC Co., Ltd.
	Saga NOK Corporation
Japan	Kumamoto NOK Corporation
	Kusu NOK Corporation
	Nichinan NOK Corporation
	Aso NOK Corporation
	MEKTEC CORPORATION
	MEKTEC-J Co., Ltd.
	NOK KLUEBER CO., LTD.
	UNIMATEC CO., LTD.
	Synztec co., ltd.
	Kuki Roll Industry Co., Ltd.
	ESTOH Co., Ltd.
	NOK Elastomers Processing Co., Ltd.
	NOK Fugaku Engineering Co., Ltd.
	Kusu Seimitsu Co., Ltd.
	Thai NOK Co., Ltd.
Thailand	Mektec Manufacturing Corporation (Thailand) Ltd.
	Mektec Precision Component (Thailand) Ltd.
Malaysia	Synztec (Malaysia) Sdn. Bhd.
	Vietnam NOK Co., Ltd.
Vietnam	Mektec Manufacturing Corporation (Vietnam) Ltd.
	Synztec Vietnam Co., Ltd.
	PT. NOK Indonesia
Indonesia	PT. NOK Freudenberg Sealing Technologies
	PT. NOK Precision Component Batam
	Wuxi NOK-Freudenberg Oil Seal Co., Ltd.
	Changchun NOK-Freudenberg Oil seal Co., Ltd.
	Taicang NOK-Freudenberg Sealing Products Co., Ltd.
	NOK (Wuxi) Vibration Control China Co., Ltd.
China	NOK (Wuxi) Water Treatment Technology Co., Ltd.
	Mektec Manufacturing Corporation (Zhuhai) Ltd.
	Mektec Manufacturing Corporation (Suzhou)
	Synztec Precision Parts (Shenzhen) Co., Ltd.
Taiwan	Mektec Manufacturing Corporation (Taiwan) Ltd.
Germany	Mektek Europe GmbH
Czech Republic	Mektec Manufacturing Corporation Europe CZ s.r.o.
Hungary	Mektec Manufacturing Corporation Europe HU Kft.
Singapore	Unimatec Singapore Pte. Ltd.
5 1	NOK Precision Component Singapore Pte. Ltd.

# **Independent Verification Report**



No.1811004986

# **Independent Verification Report**

## To: NOK CORPORATION

#### 1. Objective and Scope

Japan Quality Assurance Organization (hereafter "JQA") was engaged by NOK CORPORATION (hereafter "the Company") to provide an independent verification on the statement of information regarding Greenhouse gas emissions, Energy use, Water intake and drainage (including the sewage volume) and By-products generated amount (Industrial waste emissions and Valuable waste emissions) for FY2024\*1. The content of our verification was to express our conclusion, based on our verification procedures, on whether the statement of information regarding Greenhouse gas emissions, Energy use, Water intake and drainage (including the sewage volume) and By-products generated amount (Industrial waste emissions and Valuable waste emissions) on "Monthly report of Environmental Performance for FY2024" (hereafter "the Report") was correctly measured and calculated, in accordance with the "Calculation procedure of Environmental Performance" (hereafter "the Rule") established by the Company. The purpose of the verification is to evaluate the Report objectively and to enhance the credibility of the Report.

\*1 The fiscal year 2024 of the Company ended on March 31, 2025.

#### 2. Procedures Performed

JQA conducted verification in accordance with "ISO 14064-3" for Greenhouse gas emissions and with "ISAE3000" for Energy use, Water intake and drainage (including the sewage volume) and By-products generated amount (Industrial waste emissions and Valuable waste emissions). The scope of this verification assignment covers energy-derived CO<sub>2</sub> emissions from Scope 1 and 2 Greenhouse gas emissions, Energy use, Water intake and drainage (including the sewage volume) and By-products generated amount (Industrial waste emissions and Valuable waste emissions). The verification was conducted to a limited level of assurance and quantitative materiality was set at 5 percent of each environmental subject in the Report. The organizational boundaries of this verification cover the Company, its 20 domestic manufacturing subsidiaries and 26 domestic and overseas group companies (in total 59 sites).

Our verification procedures included:

- Confirming the Rule and overall monitoring and calculation system with Shonan R & D Center of the Company.
- Visiting three sampling sites, Ushiku site<sup>2</sup>, UNIMATEC CO., LTD. Plant No.1 and VIETNAM NOK CO., LTD. The sampling sites
  were selected by the Company.
- On-site assessment to check the report boundaries; monitoring points of Energy use, Water intake and drainage, Industrial waste
  emissions and Valuable waste emissions; and monitoring and calculation system, and its controls on each sampling site.
- · Vouching: Cross-checking the reported information against evidence for all sampling sites.
- \*2 The site includes MEKTEC CORPORATION Ushiku Plant, MEK-J and UNIMATEC CO., LTD. Ushiku Office

#### 3. Conclusion

Based on the procedures described above, nothing has come to our attention that caused us to believe that the statement of the information regarding Greenhouse gas emissions, Energy use, Water intake and drainage (include the sewage volume) and By-products generated amount (Industrial waste emissions and Valuable waste emissions) shown in the Report is not materially correct, or has not been prepared in accordance with the Rule.

#### 4. Consideration

The Company was responsible for preparing the Report, and JQA's responsibility was to conduct verification of Greenhouse gas emissions, Energy use, Water intake and drainage (including the sewage volume), By-products generated amount (Industrial waste emissions and Valuable waste emissions) in the Report only. There is no conflict of interest between the Company and JQA.

Sumio Asada, Board Director

For and on behalf of Japan Quality Assurance Organization

1-25, Kandasudacho, Chiyoda-ku, Tokyo, Japan

May 28, 2025

# Society

# **Human Rights**

# **Basic Concept**

In its principles of corporate behavior, the NOK Group upholds an approach to management that respects human rights. As a company with global operations, we are committed to respecting the human rights of all stakeholders, including employees. We see this as essential to contributing to the sustainable growth of society.

To address respect for human rights more concretely, we formulated NOK Group Human Rights Statement with the desire to make the NOK Group's basic stance on human rights known throughout our organization and among outside stakeholders, and to gain understanding and cooperation in promoting respect for human rights. We share the statement widely both inside and outside the company through our website.

The NOK Group shares its views on human rights with employees through booklets and smartphone apps. We also ensure that business partners are aware of our stance by sharing the human rights guidelines set forth in our NOK Group Sustainable Procurement Guidelines (page 33).

# **NOK Group Human Rights Statement**

See the NOK corporate website for more details. https://www.nokgrp.com/en/sustainability/esg\_strategy/#3

# **Initiatives**

# Implementation of Human Rights Due Diligence

We review our overseas subsidiaries annually for their respect for human rights and compliance with labor laws. Specifically, we investigate whether there is any discriminatory treatment or harassment of employees, and whether child or forced labor is occurring.

We conduct a survey on human rights and labor practices at NOK and its Group companies. In FY2024, we investigated the six priority themes of our human rights policy (respect for freedom of association and collective bargaining rights, elimination of forced labor, effective abolition of child labor, elimination of discrimination in employment and career opportunities, prohibition of harassment, and payment of appropriate wages and proper management of working hours) and the human rights compliance for temporary employees and subcontractors. We confirmed that there were no human rights violations requiring immediate corrective action.

We also conducted similar surveys for our major suppliers and received responses from approximately 80% of them. Details are in the supply chain section on page 34.

Mitigation and Improvement of Human Rights Risks In FY2024, NOK had one case where individuals faced

#### **Promotion Framework**

Respect for human rights is crucial in all business activities. At the NOK Group, the Corporate Administration Office, Legal & Compliance Office, and Sustainability Office work together under the oversight of the Sustainability Committee to drive efforts toward respecting human rights. We regularly audit the human rights compliance systems of NOK and its Group companies based on internal control regulations and report our findings to the Board of Directors and the Audit & Supervisory Committee when necessary.

# <Framework Diagram for Promoting Respect for Human Rights >



disciplinary action for harassment or other human rights violations. In this case, we investigated the facts to ensure the person seeking advice would not face any detriment. We took appropriate action based on internal regulations and alerted employees to prevent similar incidents from happening again.

Our other Group companies also did not have any immediate human rights violations requiring immediate correction. However, it was noted that one site had cases of temporary overwork during peak periods. To ensure proper labor-hour management, we instructed them to review task assignments.

# Establishing a Human Rights Support Desk

We have established a human rights support desk framework with an internal reporting system within the company and an external reporting system handled by lawyers in Japan. Each overseas subsidiary also has its own internal reporting system. Information submitted to the support desk is kept strictly confidential, and internal regulations ensure that whistleblowers will not suffer any adverse treatment. The support desk receives several consultations annually, and in cases where we have confirmed compliance violations, we have taken the appropriate remedial measures and made efforts to prevent

recurrence. We may also take disciplinary action in accordance with internal regulations in cases of confirmed human rights violations.

We have also set up a consultation service (in the Legal Affairs Department) for suppliers with compliance concerns, including those about human rights violations, in dealings with NOK Group companies. We conduct human-rights due diligence as stipulated in our Human Rights Statement, including in the supply chain, and we are establishing a system for taking corrective measures whenever we identify a human-rights violation.

# **Providing Human Rights Education**

To raise awareness among all Group employees of the importance of human rights, we produced online content and educational videos providing basic knowledge on human rights and the latest topics. For employees at the management level and above, we provide training on human rights and harassment in the year they are appointed to management positions and in the fourth year. This training includes focused guidance on how to appropriately handle reports and consultations on bullying and harassment.

# Initiatives Toward Preventing Forced Labor and Child Labor

As a signatory to the United Nations Global Compact, we support the Convention on the Rights of the Child and the Children's Rights and Business Principles, and consider the rights of children to be an essential responsibility.

As part of our efforts to prevent child labor, we verify the age of our employees through valid forms of identification and written documents. We also work to prevent forced labor by confirming that we do not impose unreasonable fees on workers and do not require them to submit or restrict the use of passports and other identification documents.

## **Initiatives to Ensure a Living Wage**

NOK has concluded agreements with labor unions on minimum wages that exceed regional and industry-specific minimum wages to maintain and improve the living standards of our employees and comply with minimum wage laws. Overseas group companies also determine wages in accordance with the laws and regulations of the countries or regions where they do business. Furthermore, we strive to operate under the principle of "equal pay for equal work," having established a fair and transparent remuneration system that does not discriminate against employees based on gender for work of equal value.

# **Human Resources Development**

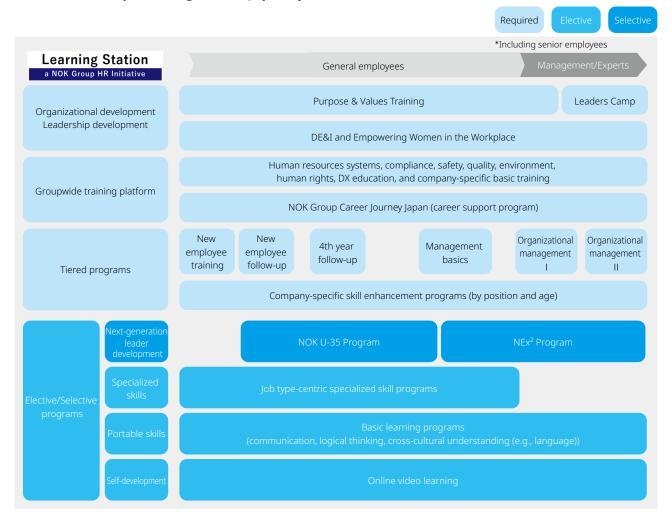
# **Basic Concept**

The NOK Group HR Policy underpins our aim to create a workplace where every employee can feel a sense of fulfillment and growth in their work. To this end, we are working to develop personnel who can contribute to the creation of such workplaces through various programs. One of the four key pillars of the medium-term management plan is to construct a diverse human capital foundation. When we fully tap into the skills and individuality of talent with diverse values and experiences, new company value emerges. We have made various reforms to build a foundation where every employee can thrive.

# **Human Resources Development Program**

The NOK Group Learning Station is a core initiative of NOK Group's human resource development efforts, serving as a human resource development platform that supports each employee in self-directed education and growth. We offer a variety of learning opportunities as described below.

# <The NOK Group Learning Station Japan System>



## **Purpose & Values Training**

We have provided our Purpose & Values Training for department heads and section managers across domestic and international group companies (with a cumulative total of 4,580 participants), to support the growth of the Group as "Global One NOK" and to embed the Purpose & Values which we established in FY2023 within our corporate culture. Management uses this training as an opportunity to reflect on their own values, as they are encouraged to become evangelists for our Purpose & Values.

# **Leaders Camp**

We perennially hold our Leaders Camp as a program focused on the leadership mindset. It aims to develop future management personnel who can collaborate across organizational boundaries to enhance their strategic thinking and change-driving capabilities. It has a multi-day retreat format, providing participants with an opportunity to deeply examine their own leadership based on experiential learning and promote their growth as leaders who can drive change.

# **NOK-U35 Program**

As part of our efforts to develop the next generation of leaders, in FY2023 we launched the NOK-U35 Program.

This program targets employees aged 35 and under, chosen through a voluntary sign-up process. The aim is to use the short time frame of the program to develop these individuals into potential future leaders.

Four employees joined the program in FY2024. Program participants are assigned a management-class mentor who helps them develop an IDP\* based on their personal growth goals and provides support for strategic and proactive career development.

\* Individual Development Plan

#### **NEx<sup>2</sup> Program**

We launched the NEx² (NOK Explore & Exceed) Program in FY2024 for employees aged 36 and older. A self-nomination process is employed, and participants can learn management skills while remaining in their current departments.

Twenty-six employees joined the program in FY2024. The program aims to enhance participants' problemsolving abilities and leadership skills from a higher perspective by systematically acquiring management skills while continuing to perform their regular duties.

## **English Training (Standard & Advanced courses)**

We are working to develop human resources with practical English skills that can be used in business settings to strengthen our competitiveness in overseas markets.

Since FY2016, we have offered two levels of training tailored to different levels of English proficiency. The Advanced Course aims to develop human resources who can succeed on the global stage and includes online language training, role-playing to deepen cross-cultural understanding, and presentation training. Three employees joined the program in FY2024. To date, 23 employees have completed the program, and 13 of them are working abroad.

# Digital Transformation Human Resources Development Program

We are rolling out data-driven initiatives across the NOK Group. As a foundation for creating new value, we have commenced a program that provides basic knowledge on data and digital technologies to ensure employees can use data effectively. All employees except executives and managers will receive this basic training program as "DX Standard" level employees. Since launching in July 2024 the program has had around 2,500 participants.

In January 2025, we held a DX Training Program for executives, which was attended by 55 participants, including the Group CEO. We also offered both e-learning and (at the organizational unit level) joint workshops with executives to approximately 750 managers. Participants attended lectures and discussions and shared the challenges and goals of their department, enhancing our ability to promote cross-departmental change.

# **Human Resource Management**

# **Basic Concept**

Under our philosophy of human-centered management, the NOK Group is committed to creating a comfortable working environment for its employees and establishing a fair evaluation system. We strive to attain employee motivation and organizational productivity by conducting appropriate placement, offering compensation commensurate with ability, and creating a workplace that provides job satisfaction. We view human resources as the source of corporate value and promote management from a long-term perspective.

## **Initiatives**

# Personnel evaluation system based on Values

At the NOK Group, we believe that challenging ourselves, by leveraging our strengths, regardless of age or attributes, and linking the results to compensation, will lead to corporate transformation and growth. Based on this belief, we introduced a role-based grading system in FY2024 to establish a system of evaluation and compensation by role.

Our evaluation consists of two types of appraisals based on the belief that demonstrating our values leads to improved performance. Performance Appraisals evaluate the degree to which goals set at the beginning of the period have been achieved, based on role definitions and work plans established for each grade. Values Appraisals evaluate the extent to which employees practice the four Values (Respect, Ignite, Explore, and Exceed) that they have identified for themselves based on the aforementioned role definitions.

We conduct these appraisals through three interviews — for goal-setting, initial evaluations, and feedback — in the first and second half of the fiscal year. These six interviews between supervisors and subordinates throughout the year enhance the transparency and fairness of evaluations while fostering future growth.

Moreover, we began holding one-on-one meetings in FY2023 to establish regular communication opportunities between supervisors and subordinates, enhancing psychological security and supporting subordinates in their autonomous career development.

# Global Career Challenge Program (for internal open recruitment)

In FY2024, we introduced an internal open recruitment system called the Global Career Challenge Program to provide opportunities for all employees to pursue their career path and grow independently. It allows employees to voluntarily apply for vacant positions within the Group, creating opportunities for them to take on new challenges that align their career goals with the needs of the organization. In FY2024, 51 job openings were posted, and 15 employees voluntarily applied for transfers to take on new roles and challenges.

## **Engagement Survey**

We administer an engagement survey targeting regular and rehired employees at major group companies in Japan to enhance employee engagement and trust in the organization. FY2025, the final year of our medium-term management plan, we aim for a score of 72. We are working to improve engagement to meet this target.

In FY2024, the response rate was 97%, representing nearly all targeted employees. Our comprehensive score surpassed that of peer companies of a similar corporate scale.

We will continue to improve the workplace environment and management quality based on the survey results, creating an organization where all employees are enthusiastic about their work.

Item	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024	Target figure/ Target year
Response rate	Major domestic group companies	%	_	_	98	98	97	_
Engagement score	Non-consolidated	_	_	_	65	66	67	72/2025
Percentage of highly engaged employees*	Non-consolidated	%	_	_	_	33.8	36.7	_

<sup>\*</sup>We define "highly engaged employees" as employees with an overall score of 72 or higher

# Career orientation survey

We want to understand the career aspirations of all our employees and utilize their goals for appropriate personnel placement and development, so every year, we provide an opportunity for employees to report their current perceptions of the workplace environment and future career aspirations. Supervisors discuss these reports in

depth with their subordinates through one-on-one meetings, providing career development support tailored to each employee's aspirations and strengths. This approach promotes self-directed career development among employees and optimizes the utilization of human resources as an organization.

# **Diversity, Equity & Inclusion (DE&I)**

# **Basic Concept**

Following the principle of human-centric management, the NOK Group is striving to create an environment in which all its employees can demonstrate their capabilities and grow—irrespective of their gender, nationality or employment status. The Company offers equal opportunities for promotion to management positions to its approximately 40,000 employees worldwide. The Company is also aiming to create a flexible working environment that allows for a harmonious work-life balance, by promoting work-style reform in the shape of flextime, support systems for childcare and nursing care, and the optimization of working hours.

## **Initiatives**

## Utilization and development of global talent

At our overseas locations, we base our approach on localizing business operations. We actively hire and promote local talent, and develop people who fully understand and are aware of the local culture and context, and who will drive our business forward, regardless of race or gender.

We also facilitate interaction among executives and the personnel of the technology, manufacturing, sales, operations, and other departments of both domestic and overseas bases so that they can develop personnel and improve operational quality and efficiency in each department from a global perspective.

Furthermore, as well as appointing non-Japanese employees to executive positions at overseas subsidiaries, we also conduct training in our technology and production departments for technical and manufacturing positions at overseas subsidiaries. In Japan, we hire international students and seek to promote the active recruitment, training and utilization of foreign employees.

## Women Empowerment

One issue Japan faces is the ongoing scarcity of women in management positions. An internal survey on career aspirations showed that relatively few women aspire to become leaders or specialists. In light of this finding, we aim to broaden our job roles and change job functions based on each employee's skills and motivation. We will also provide education on career development and support greater career autonomy by providing multiple career paths.

By the end of FY2025, NOK Corporation and major domestic Group Companies thus aim to double the number of female managers compared to the end of FY2022, and to raise the ratio of career-minded women to 30%.

# Enhancing the Employment and Support System for People with Disabilities

NOK furthers the employment of people with disabilities so that they can leverage their abilities and aptitudes to their utmost and live independent lives in their communities. Facilities around Japan promote the appropriate allocation of people with disabilities to fulfilling jobs and the creation of workplaces that enable them to work comfortably to establish an environment where employees with disabilities can feel comfortable and succeed in their work.

# **Hiring Senior Employees**

In FY2006, we introduced a reemployment system for retirees so that highly motivated senior employees can continue working after retirement. As well as providing these employees with financial stability, the system allows them to pass on their knowledge and skills to younger generations. We are working to create opportunities where their rich experience and advanced skills can be put to full use.

We implemented flexible work arrangements and reviewed working conditions in FY2016. Since then, we have continually improved the accuracy of our human resource utilization while providing opportunities for senior employees to play an active role in line with their individual aspirations and aptitudes through internal recruitment and a personnel registration system. We also continue to implement measures to promote the active participation of senior employees and to enhance their job satisfaction, such as life-planning seminars on how to lead a stable life post-retirement, and pre-retirement training to help maintain their motivation to work.

# **Training & Education**

We conducted training for 980 managers at all Group companies in Japan to promote understanding and action regarding diversity, equity, and inclusion (DE&I). This training covered a wide range of topics, including basic knowledge about unconscious bias, the current status and historical background of empowering women in the workplace, creating a workplace that promotes multicultural coexistence, and the current status and challenges regarding the employment and working conditions for the LGBTQ community (sexual minorities).

We will continue to promote education and awareness activities to create a workplace where all employees respect each other's differences and everyone can fully utilize their abilities.

# **Work-Life Balance**

At the NOK Group, we have set up various support systems that go beyond legal requirements to create a better workplace. Furthermore, we actively provide information and offer consultation through our corporate intranet and other means so that employees can easily utilize these systems. We will continue to introduce and expand flexible and effective systems to accommodate diversifying work styles and lifestyles, as we strive to create a workplace environment that allows for balance in employee work and personal lives.

Systems to Promote Work-Life Balance			
Flextime	Employees can choose to have no core time and one additional non-working day, so as to enjoy a three-day weekend. Part-time employees engaged in childcare or caregiving are also eligible for t scheme.		
Remote work	Can be used up to 64 hours per month or 2 days per week, as a general rule		
Half day of annual paid leave	Annual paid leave may be taken in half-day increments		
Maternity leave before and after childbirth	Six weeks of paid special leave with pay before childbirth and eight weeks of paid special leave after childbirth		
Spousal birth leave	Two days of paid special leave when a spouse gives birth		
Childcare leave system	Available until the child turns two years old		
Reduced work hours for childcare	Available until the child reaches 4th grade of elementary school		
Childcare nursing leave	Five days per year (ten days for two or more children) can be taken by parents of children until they complete the third grade of elementary school		
Childcare support leave	10 days/year to support parents in balancing work and childcare for preschool-aged children		
Caregiving leave	5 days/year for one person requiring nursing care, 10 days/year for two or more persons requiring nursing care		
Caregiving leave system	Available for up to one year		
Shortened work hours for caregiving	Available for up to three years		
Support leave	Paid special leave that can be taken when necessary for treatment or convalescence due to personal injury or illness, pregnancy or childbirth, nursing care for family members, childcare, or attending activities for nursery schools, kindergartens, or higher-level schools		
Childcare and spousal care support allowance	Financial support provided to employees raising small children or caring for a spouse		
Leave of absence due to spouse's transfer	Up to five years of leave can be taken by employees accompanying their spouses for a transfer		
Transfer deferral system	Transfers requiring relocation may be deferred for up to three years at the employee's request		

# **Labor Practices**

# **Basic Concept**

The NOK Group practices a human-centered management philosophy and considers it an essential responsibility to respect and protect the rights of all employees. To achieve this, we follow Principles 1 to 6 of the UN Global Compact and uphold our management principle of being "a company with open communication." We actively promote constructive dialogue among employees and between the Company and employees. We strive to create a workplace where employees can work with peace of mind and enthusiasm. In doing so, we are aiming to foster a healthy corporate culture which will support sustainable growth.

# **Initiatives**

# Compliance with Labor-Related Laws

Our domestic Group Companies are instructed to ensure thorough compliance with the Labor Standards Act, the Labor Union Act, and all other labor-related laws. Our overseas Group Companies are also instructed to ensure compliance with labor-related laws and regulations of each relevant country. There were no serious legal violations in

# FY2024.

Moreover, we regularly review our domestic business sites that accept foreign technical interns to ensure compliance with the Immigration Control and Refugee Recognition Act (Immigration Control Act) and to confirm the age, working conditions, living conditions, and actual working conditions of the interns. These efforts help maintain an appropriate intake system and respect human rights.

# Establishment of Healthy Labor Management and Labor Relations Based on Dialogue

We believe that dialogue between executive and employees is essential for sustainable growth and sound management throughout the Group. Through respecting the right to organize, the right to bargain collectively, and other rights of employees, the NOK Group has built a healthy labormanagement relationship.

100% of employees of NOK Corporation and major domestic Group Companies are members of labor unions (apart from non-eligible employees). Regular labor-

management meetings are held with the participation of the top management. Not only do we carry out negotiations on working conditions, but also explain business conditions and present management issues. Also, discussions on the Company's important policies and measures take place so that both the labor side and the management side can cooperate in realizing sustainable business growth and employee wellbeing. As a basic operating principle, measures that have a significant impact on employees are explained and discussed well in advance.

The Company explains the business environment and management plan for the next fiscal year to the labor union and holds consultations about them. With that in mind, the union submits a demand for consensus-based compensation and working conditions for its members. In the spring of 2024's negotiations, the request was fully discussed and concluded.

# Reinforcing Initiatives to Shorten Working Hours and Encourage Paid Leave-Taking

We have created a system to provide annual paid leave that exceeds the legal requirements, granting twenty days of paid leave per year to employees who have been with the Company for four years or more. We also pay overtime allowances that exceed the legal requirements for work performed outside of regular working hours or on holidays. Furthermore, we are actively working to reduce the total actual working hours to improve the well-being and quality of life of our employees.

Every year, the Labor-Management Committee formulates an annual plan for working hours and paid leave and reviews the results. Specifically, we analyze overtime and paid leave usage by department and individual, identify issues, and develop action plans. We then review the outcomes at the Central Labor-Management Council to establish medium- to long-term goals.

We are currently pursuing various measures with the goals of maintaining total actual working hours of less than 1,900 hours per year and ensuring that employees take at least 17 days of paid leave annually. In FY2024, total actual working hours were 1,956 hours (a decrease of 16.4 hours from the previous year), and the number of days of paid leave taken was 17.8 days (the same as the previous year). We will continue our efforts to create a comfortable working environment and improve work-life balance, to maintain total actual working hours below 1,900 hours.

# Reflecting External Expertise into Our Personnel System Design

We take part in regular meetings and working group activities on labor standards, which are hosted by the Japan Auto Parts Industries Association (JAPIA). Through these efforts, we accurately identify the latest industry trends regarding diverse work styles and changes in labor laws and regulations, then incorporate them in the design and improvement of our personnel systems. Incorporating external expertise is meant to create more flexible and sustainable personnel systems.

# **Occupational Safety and Healthcare**

# **Basic Concept**

At NOK Group, we have the management principle based on respect for human dignity, and we believe that employee health and safety are vital preconditions for human dignity. We enacted our Basic Safety Philosophy in FY2017 and used it to establish the NOK Basic Occupational Health and Safety Guidelines. In addition, in FY2022, the Group CEO released a Health Declaration to indicate the commitment of top management to initiate health promotion based on a health management approach. As a company, we view mental and physical health as a management issue and are working to support employee health. We also encourage employees to engage in health promotion activities on their own.

# **Safety Principles of NOK Group**

"Safety is the foundation for implementing management spirit that respects human dignity, my desires, and my mission"

# Occupational Health and Safety Promotion Framework

The NOK Group runs an occupational safety and health management system (OHSMS) based on the principles of ISO 45001.\*

The Group CEO leads our framework for managing work safety and health. This applies to all Group companies and both on-site and off-site tasks. We aim to ensure that everyone, including dispatched and contract employees, works in a safe and healthy environment. To this end, we promote safety and health activities and regularly check their progress through internal audits to ensure that they run efficiently. We have set emergency response procedures for each facility based on our emergency response manual.

We have also formed health and safety committees at each business site. These are made up of representatives from executive and employees and serve as a forum for discussing workplace safety and health. The committees meet monthly to confirm the status of activities and discuss

and decide on health and safety measures. The Safety and Health Control Division oversees the entire Group, collaborating with the health and safety secretariats of all business sites, branches, and Group Companies to maintain and improve the health and safety management level of the NOK Group. We will continue to promote continuous improvement by implementing the OHSMS-prescribed PDCA cycle throughout the NOK Group.

\*Percentage of ISO 45001 certified offices: 30.2% (as of March 31, 2025)

# <Occupational Health and Safety Promotion Framework>



# **Initiatives in Safety and Disaster Prevention Formulating Action Plans**

We create annual action plans based on the status of industrial accidents. The Central Safety and Health Committee, chaired by the executive in charge of health and safety and made up of representatives from labor and management, deliberates and decides on the plan, which it disseminates to all business sites along with priority action items.

We formulated a medium-term health and safety plan spanning FY2023 to FY2025 and have continued to take measures in the following three key areas. In FY2024, we aimed for three major accidents, but fell short of this goal as one accident occurred. We will continue to carry out health and safety activities across the entire Group based

on the NOK Group Safety Principles.

# **Medium-term Health and Safety Plan**

- · Improving the level of safety management to eliminate major accidents
- · Equipment safety measures through risk assessment
- · Zero explosions and fires and thorough implementation of measures to prevent recurrence

Business sites that have experienced issues such as industrial accidents and require improvement are designated "specified management business units." The Safety and Health Promotion Department follows up with these sites on an individual basis.

Item	Scope of coverage	Unit	Target figure/Target year	FY2023	FY2024
Number of major accidents	Domestic group companies	cases	0/2025	1	3

#### **Checking for Occurrence of Industrial Accidents**

In FY2024, there were three major accidents and three lost-time incidents. These accidents were mainly caused by employees being trapped or falling down. The main issues were unsafe equipment, unsafe behavior, and the lack of set work procedures. We therefore reviewed the equipment and work environment. We also set up work procedures and provided training based on them. When an industrial accident happens, we thoroughly investigate the causes, both direct and indirect, and background through on-site inspections and interviews with those involved. We then share the findings across all locations to prevent future incidents.

## Measures to Improve Safety

Following the OHSMS, we continuously identify hazards in the workplace and conduct risk assessments. We use the

results of risk assessments, near-miss incidents, and safety patrol findings to identify processes, equipment, and tasks that are deemed high risk based on the probability of occupational accidents and the severity of injuries that may occur, designating them as "specific hazards." We then set priorities and implement measures to reduce risks by establishing specific targets.

We have used the results of risk assessments to address the risks associated with heavy lifting, introducing drum rotary lifters as one example. We also introduced equipment safety measures, completing the necessary safety improvements in FY2024 for all 338 pieces of equipment identified as requiring measures. We are systematically and continually promoting such initiatives throughout the NOK Group in accordance with the OHSMS.

## **Health and Safety Education**

According to the Occupational Health and Safety Act, health and safety education begins when employees first enter the company. As part of our in-house training, we also run regular educational programs to help employees gain the knowledge and skills needed to work safely, as well as hazard simulations using our own proprietary hands-on hazard simulation equipment. We also carry out health and safety training for line managers, seeking to instill unified thinking about health and safety management in their own workplaces and a shared awareness of health and safety as managers. Additionally, we promote workplace-based education using our Health and Safety Guidelines and RST\* training for supervisors to provide employees with basic knowledge and maintain and improve their safety and health awareness.

\* Ministry of Health, Labour and Welfare Safety Education Trainer for On-site Supervisors

#### **Fire Prevention Initiatives**

With a priority on preventing fire disasters and small fires, we have formed the Fire prevention Task Force subcommittee as part of business continuity management (BCM) activities to consider issues and response measures and deploy them across the Group. We have also established and are utilizing a database that allows the entire Group to share information on accidents, including near-misses and minor fires. We rapidly share information and deploy measures to prevent recurrence across the organization.

#### **Traffic Safety Initiatives**

The NOK Group is committed to creating a culture of traffic safety as a company engaging in transportation in society through our products. For example, ever since the 1970s

(before seatbelt use became a legal requirement), we have been working to ensure that all occupants of our vehicles, not just drivers, wear a seatbelt. In addition, we provide education and guidance at each workplace to prevent speeding and driving under the influence, which can cause serious accidents. Furthermore, we participate in community sponsored zero-accident, zero-violation challenges, regularly hold traffic safety seminars with the help of local police stations, and otherwise actively work with local communities to ensure traffic safety.

# **Initiatives in Health and Sanitation**

# **Health Management**

We regard maintaining and promoting employee health as a material management issue, with the initiatives below underway.

We have achieved a 100% regular health checkup rate. In addition, we actively encourage medical examinations and provide health guidance with the aim of ensuring that 100% of employees undergo follow-up examinations for the early detection and treatment of illnesses.

We work with the NOK Health Insurance Association to provide specific health guidance to employees identified as needing lifestyle improvements based on health checkup results.

For mental health issues, we have established a system to make online interviews with an industrial physician or counselor available. We have also set up a 24-hour, year-round free telephone consultation service through an external specialist organization, putting in place a framework to respond early on to any issues and support a smooth return to work. Also, we conduct individual consultations with industrial physicians and health nurses based on stress check results to prevent mental health issues.

# < Health-Related Objectives and Advances >

Item	Scope of coverage	Unit	Target figure	FY2020	FY2021	FY2022	FY2023	FY2024
Regular health checkup utilization rate	Domestic group companies	%	100	100	100	100	100	100
Health checkup re-examination/ detailed examination utilization rate (secondary examination utilization rate)*1	Domestic group companies	%	100	92.6	91.9	93.4	92.0	_
Specific health guidance rate*2	Non-consolidated	%	45	24.4	23.1	22.9	25	_

# **Health Promotion**

To boost employee awareness of health, we introduced a health management app for employee smartphones and use it to disseminate health information every day. We also offer workout programs that incorporate aerobic exercise and stretching under the guidance of athlete employee to help instill exercise habits. Through these initiatives, we aim to maintain and improve employee physical and mental health and create a vibrant workplace.

#### Addressing Global Health Issues

The NOK Group has many overseas locations, with initiatives to protect the health and safety of employees assigned overseas and their families. We provide information on infectious diseases such as the three major

global infectious diseases (tuberculosis, malaria, and HIV/AIDS), as well as tetanus, hepatitis, and rabies, to employees assigned overseas and their accompanying family members. We also administer vaccinations and provide medical support in the local area.

# **Supply Chain Management**

# **Basic Concept**

At the NOK Group, we believe that in order to fulfill our corporate social responsibility, it is essential to share a common awareness across the procurement supply chain and to engage in mutual development, while building relationships based on trust.

Environmental and human rights problems are among the many social issues that have come to the forefront. As a company, we have a responsibility to minimize the negative impact our business activities have on the environment and society, including in our raw material procurement. To this end, we have established the NOK Corporate Code of Conduct, the NOK Group Human Rights Statement, the NOK Group Procurement Policy, the NOK Group Sustainability Procurement Guidelines, and the NOK Group Green Procurement Guidelines. These policies provide the basis for our work to ensure that our procurement activities are fair and equitable, accountable for their impact on society and the environment, and conducive to realizing a sustainable society throughout our entire supply chain.

We request that all suppliers understand and comply with these policies. If an existing or new supplier commits a significant violation, we will take appropriate measures, including reviewing the contract.

When entering into transactions with new suppliers, we include a clause requiring compliance with our Corporate Code of Conduct and the NOK Group Green Procurement Guidelines in the basic transaction agreement and confirm that they have no objections when signing the agreement.

## **NOK Group Procurement Policy**

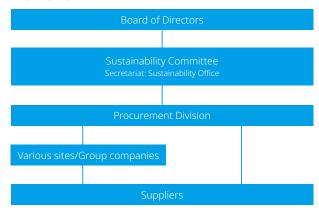
See the NOK corporate website for more details. https://www.nokgrp.com/en/sustainability/esg\_strategy/#4

## **Promotion Framework**

The NOK Group has established a Sustainability
Committee chaired by the Group CEO. We report key
matters concerning the Group's overall procurement
activities to the Board through the Sustainability
Committee. We have set up a network between the
Procurement Division, which is led by an executive officer

overseeing procurement, and related companies, business divisions, and production sites. Through regular procurement manager meetings, we share and implement Group policies and measures. We are promoting our sustainable sourcing and other procurement activities globally across the entire Group.

# <Supply Chain Management Promotion Framework>



# NOK Group Sustainability Procurement Guidelines

We aim to play a leading role in realizing a sustainable society by creating socially beneficial added value and employment, as well as through self-directed and responsible actions, under conditions of fair and free competition. We believe that achieving this goal requires sharing our vision with our suppliers and collaborating throughout the supply chain to realize a sustainable society. We have therefore established the NOK Group Sustainability Procurement Guidelines to guide our actions.

See the NOK corporate website for more details. https://www.nokgrp.com/en/sustainability/esg\_strategy/#4

## **Initiatives**

# **Identification of Key Suppliers**

We currently have approximately 2,000 suppliers in Japan. Among these, we have identified 143 companies as "key suppliers" based on the size of purchases or the importance of the products and materials they supply to our business operations.

We regularly screen our key suppliers by conducting sustainability procurement surveys to investigate their environmental, social, and governance (ESG) initiatives.

That allows us to create a sustainable procurement system and bolster risk management across the entire supply chain.

# Conducting the Sustainability Procurement Survey

We conduct an annual Sustainability Procurement Survey focusing on key suppliers we have identified.

The survey is based on the NOK Group Sustainability Procurement Guidelines, which incorporate international codes of conduct and concepts, and consists of seven topics: human rights and labor, health and safety, environment, quality and safety, ethics, information security, and supply chain. We use the survey to review the status of each supplier's sustainability initiatives. For the Environment topic, we identify greenhouse gas emissions and water consumption, and encourage suppliers to take action to reduce these figures and set targets to help reduce the environmental impact of the entire supply chain.

# <Survey topics>

Items	Details
Human rights and labor practices	Forced labor and child labor, working hours and wages, prohibition of harassment and discrimination, freedom of association and collective bargaining, human rights of temporary employees and subcontractors
Health and safety	Occupational health and safety, emergency preparedness, occupational accidents and illnesses, occupational hygiene, physically demanding work, machinery safety measures, sanitary facilities, and communication regarding health and safety
Environment	Environmental permits and reporting, pollution and resource conservation, hazardous substance management, waste materials, air emissions, resource restrictions, water management, energy use and CO <sub>2</sub> /GHG emissions reduction, biodiversity conservation
Quality and safety	Ensuring the quality and safety of products and services, and timely and appropriate responses to issues
Ethics	Business integrity, eliminating undue benefits, information disclosure, intellectual property, fair business practices, identity protection and retaliation prohibition, conflict minerals, privacy
Information security	Information security measures and preventing the unauthorized use of confidential information
Supply chain	Communication with suppliers, promotion of sustainability initiatives

We also evaluate each supplier's responses and identify risky suppliers with insufficient sustainability initiatives across all topics.

In FY2024, we identified no at-risk suppliers, but we conducted on-site audits at some key suppliers. We confirmed that we required no corrective action plans for any of the suppliers audited. We will continue to reduce risks by conducting detailed interviews and on-site audits based on the survey results, and investigating causes and proposing improvements when incidents occur at at-risk or key suppliers.

Furthermore, we distributed explanatory and educational videos to domestic suppliers through our capacity

development program, in accordance with the NOK Group Sustainable Procurement Guidelines. We have positioned human rights and the environment as key priorities in our sustainability efforts. We aim to help suppliers understand the importance of sustainability across the entire supply chain by sharing examples of negative impacts resulting from neglecting human rights and showcasing actual initiatives we are implementing at NOK Group, such as reducing CO<sub>2</sub> emissions and water usage.

We will continue to promote sustainability initiatives across the entire supply chain through global communication.

Supplier survey	Unit	FY2023	FY2024
Number of suppliers (Japan)	Companies	Approximately 2,000	Approximately 2,000
Number of key suppliers	Companies	71	143
Percentage of total expenditure on key suppliers	%	65.7	74.8
Number of sustainability procurement surveys conducted	Companies	238	312
Number of at-risk suppliers	Companies	0	0
Percentage of those suppliers with improvement plans	%	0	0
Number of contracts terminated	Companies	0	0

Support for corrective action plans	Unit	FY2023	FY2024
Total suppliers audited	Companies	11	5
Percentage of those suppliers that required corrective action	%	0	0

Capacity development program	Unit	FY2023	FY2024
Number of suppliers that received training	Companies	0	312
Percentage of those that are key suppliers	%	0	42

#### **Green Procurement**

To boost our environment-related efforts in cooperation with our suppliers, we issue the NOK Group Green Procurement Guidelines. These guidelines inform suppliers about NOK Group's environmental values and policies, enabling us to source eco-friendly raw materials and parts. We ask suppliers to reduce their environmental impact by cutting their energy use, reducing their greenhouse gas emissions, promoting resource recycling, lowering waste production, and considering biodiversity. We also ask that they submit a letter of intent for cooperation.

Moreover, we value supply chain transparency and strive to ensure traceability in order to prevent the procurement of illegally traded raw materials.

## Education and Training in the Procurement Department

Since FY2023, we have been providing training on sustainable procurement to procurement department leaders—including the General Manager of the Procurement Division—with a view to promoting sustainable procurement throughout the supply chain. In FY2024, we conducted video-based sustainability training for NOK Group buyers and related personnel at major production sites to further sustainable procurement. This training aims to raise awareness and strengthen practical skills at the workplace level.

We also regularly conduct training on compliance with laws such as the Act Against Delayed Payment to Subcontractors (Subcontractor Act), as we work to bolster our procurement compliance systems.

#### **Initiatives on Conflict Minerals**

Since FY2013, we have been addressing the issue of conflict minerals. At NOK, we use tin compounds in some of our seal products, in order to improve their durability. We have therefore adopted the industry-standard Responsible Minerals Initiative (RMI), Conflict Minerals Reporting Template (CMRT) and Extended Minerals Reporting Template (EMRT). These templates help us investigate conflict materials to trace our supply chain back to its origins.

Once a year, we select materials for review and use the CMRT and EMRT to conduct conflict minerals surveys of suppliers. The survey checks for 3TG (Tin, Tantalum, Tungsten, Gold), cobalt, and mica content, country of origin, smelters, and supplier due diligence. We also identify non-certified smelters in our supply chain by cross-checking them against the latest RMI-certified list.

In FY2024, we conducted a survey on the same raw materials as the previous year and received responses from 304 companies. We reviewed the survey responses closely. Where the responses from suppliers were incomplete, we sought clarification to improve the reliability of the responses.

We share these survey results among relevant personnel within the Group and formulate new plans each year based on a summary of the previous year's initiatives. Furthermore, we have established a system to regularly monitor progress by supplier and business division, as we continually improve our responsible mineral procurement.

### **Participation in Supply Chain Initiatives**

NOK is a member of the Japan Auto Parts Industries Association (JAPIA), and the Representative Director, and Group CEO serves as a director of the association.

In practice, we participate in working groups related to carbon neutrality and the circular economy. Specific examples of our wide-ranging initiatives include developing

guidelines for achieving carbon neutrality, formulating policy recommendations to the government, and examining recycling streams for plastics and other materials. These activities help us reinforce our partnerships with clients, suppliers, and competitors to promote collaborative efforts aimed at solving issues across the entire supply chain and improving sustainability.

## **Product Quality and Safety**

#### **Basic Concept**

The NOK Group has a longstanding commitment to manufacturing, we have been focusing on ultimate quality into the manufacturing process. Since our founding, our technology and quality have earned the trust of numerous customers, who use our products in a variety of fields.

To build in quality through the manufacturing process, our efforts have concentrated on cultivating our manufacturing employees in accord with our Management Principles of respecting human dignity. We have developed a variety of educational programs for this purpose. Recently, we have focused on strengthening the training of the managers and supervisors who underpin our production site operations, driven by the desire to ensure that we pass on the basics of manufacturing to future generations as veteran employees retire from production sites.

In recent years, we have actively adopted digital technology and set a quality policy theme of building a foundation for compelling quality. Aiming to surpass customer expectations through the added value (" $+\alpha$ ") we offer, we have started efforts to further enhance customer satisfaction.

### **Basic policy**

"Putting quality first, we provide services and products that customers can trust at all stages of research and development, design, production, sales, service, etc."

### **Behavioral guidelines**

- **1.** All employees work together to make constant efforts to improve quality
- 2. Improve our unique technology
- 3. Continuously improve administration technology
- 4. Thoroughly comply with laws and regulations
- 5. Continuously manage policy

# Frameworks for Quality Management and Quality Assurance

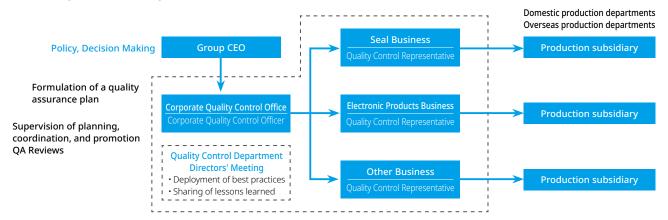
We aim to continue supplying high-quality products that meet our clients' expectations, so we demonstrate our commitment to continuous improvement by implementing a quality management system established based on international standards such as ISO 9001 and IATF 16949. The NOK Group's quality management system certification rate is 98.1%, exhibiting the systematic and consistent quality control system we have established at each of our business sites.

#### Quality control framework

Quality assurance officers oversee the planning,

coordination, and promotion of quality assurance, serving as the core of our groupwide quality management system. All business divisions receive the NOK Quality Assurance Policy and Quality Objectives, which they use to formulate quality assurance (QA) action plans. QA action plans set priorities and specific target values for achieving quality objectives, which are incorporated in each department's operational plans, enabling all departments to pursue quality improvements. We use QA audits and business division management reviews to evaluate the results and progress of these action plans, continually implementing practical improvements based on these results.

## < Quality Assurance System Overview >



#### Plants in Japan do the following as mother factories:

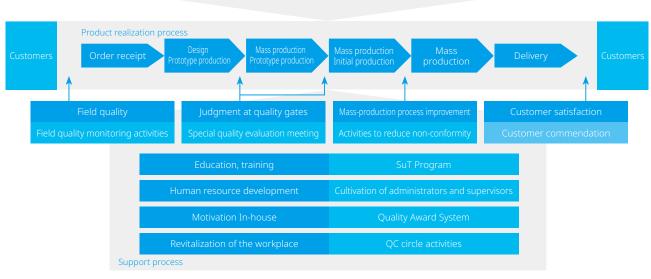
- · Support for quality assurance activities
- Support for product transfers and launches of overseas production
- Promotion of priority issues

### **Reducing defective products**

We are working to improve quality and reduce defects in all processes from order receipt to delivery. We aim to improve product reliability and maximize customer satisfaction by accurately identifying risk factors at each stage of the process and thoroughly implementing preventive measures and early corrective actions.

### < Overview of Quality Improvement Activities >





## **Market Quality Monitoring Activities**

NOK routinely monitors market quality data for any issues that could lead to significant quality problems. We also seek to improve market quality by means of cooperation with our customers—for example, by proposing improvements to them based on surveys and analysis, and on their past activity.

## Special quality evaluation meeting

At NOK, we have established a system aimed at stabilizing quality and preventing risks at each stage, from the design of new products to mass production. We divide the process into design prototyping, mass production prototyping, and initial mass production management, set transition criteria for each step, and implement preventive measures to deliver products with stable quality to our clients by quickly identifying and resolving issues at each step. Notably, we hold special quality evaluation meetings at each step when developing new products or changing designs or processes that significantly impact functionality. Team members from the business division and relevant departments review designs, and quality assurance officers determine whether to proceed to the next step, thereby eliminating quality risks.

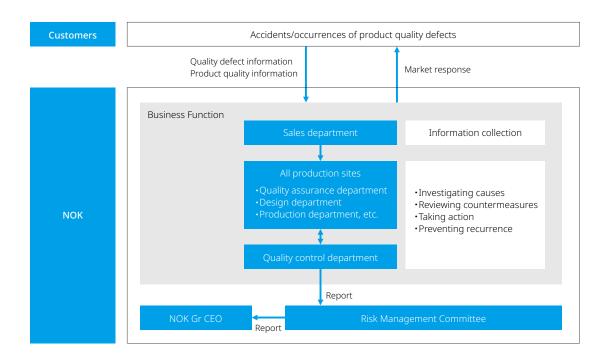
#### **Internal audits**

#### Quality assurance assessment (QA assessment)

Besides the internal audits based on ISO 9001 and other quality management systems, we have quality assurance officers conduct on-site QA assessments. Specifically, they assess whether employees understand the intent of the quality assurance policy, whether organizations have established specific implementation plans, and whether staff are effectively implementing quality improvement action plans. In recent years, we have been conducting on-site assessments and reinforcing our efforts to improve the effectiveness of on-site management.

### Response to product quality issues

We have established a global system to respond quickly to product quality issues. In the unlikely event of a defect in product quality, the sales department that receives the report from the client, the production site responsible for the product, and the quality control department make it their top priority to minimize the impact and burden on the client. Furthermore, in the event of a serious quality defect, the matter is reported to the Group CEO through the Risk Management Committee, which discusses and decides on countermeasures from a groupwide perspective.



### **Establishing a Client Support Office**

We have established a Client Support Office to respond quickly and accurately to client feedback and requests. We accept various inquiries about our products through the inquiry form on our corporate website, which serves as a point of contact. We promptly forward questions and requests to the relevant departments and utilize the feedback within the Group to improve our products and services. Moreover, we sincerely listen to client feedback and work to resolve issues, aiming to achieve higher client satisfaction and trust.

## **Quality training and awareness-raising**

Improvement Activities through Quality Control Education and Practice Based on QC-Oriented Thinking

NOK offers quality control education at each level of the organization. We put a particular emphasis on problem solving, where we advocate fact- and data-based logical analysis and improvement under the motto of "Let's argue from the data," which is a hallmark of QC-oriented thinking.

To enable rapid and accurate problem-solving, NOK offers a SuT\* program, which aims to support the more widespread use of tools that help speed up problem-solving. Having started out with a course on the "Seven QC tools," we now offer more than 20 courses ranging from

multivariate analysis to design of experiments. We also have an advanced curriculum to train participants in methods through hands-on exercises.

\* SuT stands for Speed-up Tools of Problem Solution.

#### **QC Circle Activities**

NOK employees take initiative in conducting quality control (QC) circles to pursue quality improvement activities in small groups. In QC circles, all members of the circle work together to resolve matters they deal with in the day-to-day workplace. QC circles also provide a venue for the growth and character formation of members through shared activities, which leads to a more vibrant workplace.

In FY2024, 1,227 QC circles in Japan and overseas took part in a quality control competition. The top activity presentations of circles selected by each company were entered into the NOK Group QC Circle Convention, and the outcomes of the winning circles' activities were showcased. Since the first NOK Group QC Circle Convention was held in 1963, this competition has been held 72 times over the span of 61 years.

#### **Customer Quality Awards**

We have received high marks from customers for our quality achievements and improvement activities. In FY2024, we received 23 commendations for quality.

## List of Quality Management System-Certified (e.g., ISO 9001, IATF 16949) Companies

The percentage of NOK Group facilities certified under quality management systems (e.g., ISO 9001, IATF 16949) is 98.1%.

Country/Region	Certified companies
	NOK CORPORATION
	Tenei Seal Industry Corporation
	NOK METAL Co., Ltd.
	Miyagi NOK Corporation
	Miharu Industry Corporation
	Tohoku Seal Industry Corporation
	Nihonmatsu NOK Corporation
	Isohara Polyurethane Industry Corporation
	Isshin Industries Corporation
	Kanasei Corporation
	Kikugawa Seal Industry Co., Ltd.
	MYK Corporation
lanan	TVC Co., Ltd.
Japan	Saga NOK Corporation
	Kumamoto NOK Corporation
	Kusu NOK Corporation
	Nichinan NOK Corporation
	Aso NOK Corporation
	MEKTEC CORPORATION
	MEKTEC-J Co., Ltd.
	NOK KLUEBER CO., LTD.
	UNIMATEC CO., LTD.
	SYNZTEC CO., LTD.
	Kuki Roll Industry Co., Ltd.
	ESTOH Co., Ltd.
	NOK Elastomers Processing Co., Ltd.

Country/Region	Certified companies
Japan	NOK Fugaku Engineering Co., Ltd.
	Thai NOK Co., Ltd.
Thailand	Mektec Manufacturing Corporation (Thailand) Ltd.
	Mektec Precision Component (Thailand) Ltd.
Malaysia	Synztec (Malaysia) Sdn. Bhd.
	Vietnam NOK Co., Ltd.
Vietnam	Mektec Manufacturing Corporation (Vietnam) Ltd.
	Synztec Vietnam Co., Ltd.
	PT NOK Indonesia
Indonesia	PT NOK Freudenberg Sealing Technologies
	PT NOK Precision Component Batam
	Wuxi NOK-Freudenberg Oil Seal Co., Ltd.
	Changchun NOK-Freudenberg Oil seal Co., Ltd.
	Taicang NOK-Freudenberg Sealing Products Co., Ltd.
China	NOK (Wuxi) Vibration Control China Co., Ltd.
	NOK (Wuxi) Water Treatment Technology Co., Ltd.
	Mektec Manufacturing Corporation (Zhuhai) Ltd.
	Mektec Manufacturing Corporation (Suzhou)
	Synztec Precision Parts (Shenzhen) Co., Ltd.
Taiwan	Mektec Manufacturing Corporation (Taiwan) Ltd.
Germany	Mektec Europe GmbH
Czech Republic	Mektec Manufacturing Corporation Europe CZ s.r.o.
Hungary	Mektec Manufacturing Corporation Europe HU Kft.
Cinganara	Unimatec Singapore Pte. Ltd.
Singapore	NOK Precision Component Singapore Pte. Ltd.

## **Coexistence with Local Communities and Society**

### **Basic Concept**

In the NOK Group Charter of Corporate Behavior, we clearly state that "As a good corporate citizen, we will actively participate in communities and contribute to their development." The local community is a key stakeholder for the NOK Group. As a company rooted in the community, we strive to earn their trust, appreciation, and respect, and we value dialogue and collaboration with them. We are also focusing on nurturing and supporting the next generation and promoting initiatives aimed at realizing a sustainable society.

As part of our social contribution efforts, we align our activities with the NOK Group's philosophy and our criteria for funding social contribution activities. We select activities mainly in our key focus areas and provide strategic support.

#### < Key Focus Areas >

- Activities that contribute to the sustainable development of the communities in each country and region where NOK Group offices are located
- Training and supporting the next generation

Focus areas	Examples of activities
Health, medicine, sports	Participating in blood donation events, sponsoring sports, health, and well-being events, supporting and donating to school sports events, Ecocap bottlecap recycling activities
Academic, research, education	Accepting interns, granting scholarships, supporting events for next-generation development and school events
Crime prevention, disaster prevention	Participating in and donating to crime prevention and traffic safety activities, participating in disaster prevention activities, visiting victims after disasters
Local community activities, conservation of traditional culture	Donating road safety goods to local governments, sponsoring local festivals, making donations to shrines, donating goods to local communities, inviting local residents to festive events at the plants
Environment	Participating in local cleanup activities, tree planting activities, groundwater protection activities, recycling activities
Social welfare	Donations to the Red Cross and other social welfare organizations

#### **Promotion Framework**

We pursue our CSR activities based on internal regulations. The general affairs and operations departments at each business site select the themes to be addressed, and the advisory committee, chaired by the head of business planning (an executive officer), plans the detailed activities.

Each business site compiles annual data on its community activities, including the number of participants and expenditure, and discloses this information in its integrated report and ESG data book. This process ensures transparency and continual improvement of our activities.

#### **Initiatives**

#### Contribution to the Local Community

The NOK Group's business sites in Japan and overseas are committed to ongoing CSR activities rooted in their local communities. Specific examples of our focus on activities that bring us closer to the local community include regular community cleanup events, sponsoring local festivals, and inviting residents to events hosted by our business sites.

At the NOK Kumamoto Plant, employees volunteer to preserve and restore the grasslands of Mount Aso. They also sponsor groundwater conservation projects, helping preserve the natural environment and water resources for the local community. These community activities are regularly featured in our internal newsletter and social media platform, helping to foster a sense of social responsibility among all employees.

## Activities to Develop and Support the Next Generation

#### ■ Scholarship support

In FY2012, we established the Tanetomato Foundation to support the dreams of young people who will lead the next generation. The foundation aims to provide educational opportunities to students who face financial difficulties in

pursuing higher education or continuing their studies by offering scholarships.

Every year, approximately 60 students selected from across the country receive need-based scholarships, and many young people have benefited from this support to pursue their studies and succeed in their careers.

## ■ Supporting children through sports

The NOK Group is committed to supporting the next generation through sports, stemming from our desire to create a society where sports inspire dreams and excitement. Since 2021, we have been a sponsor of Yoshi's Cup, promoted by professional tennis player Yoshihito Nishioka. The tournament provides junior tennis players aged 16 and under with the opportunity to compete on the world stage. It is part of our effort to support the younger generation in experiencing growth and taking on challenges in preparation for the future.

## ■ Workplace experiences

We conduct factory tours and outreach classes for students and residents, focusing on nurturing and supporting the next generation.

In FY2024, we invited junior high school students from Fujisawa City to the NOK Shonan R&D Center for a factory tour and classes taught by our employees. This initiative aims to provide opportunities to learn about various occupations and gain a deeper understanding of the significance of work and connections with the local community.

It	em	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Composition of Emp	ployees							
	Regular employees		persons	3,676	3,489	3,419	3,337	3,251
	Non-regular employees	Non-consolidated	persons	389	398	401	412	417
Number of employees by	Total		persons	4,065	3,887	3,820	3,749	3,668
employment type	Regular employees		persons	37,999	37,613	37,913	38,097	37,958
	Non-regular employees	Consolidated	persons	2,388	2,300	2,285	2,295	2,411
	Total		persons	40,387	39,913	40,198	40,392	40,369
	Japan		persons	11,017	10,730	10,648	10,683	10,556
	China		persons	9,383	9,690	10,658	11,005	11,016
	Southeast Asia		persons	16,194	15,623	15,197	15,226	15,310
Number of	Thailand		persons	_	_	-	_	6,776
employees by region	Vietnam	Consolidated	persons	_	_	_	_	4,837
	Other Southeast Asian countries		persons	_	_	-	_	3,697
	Europe and the United States		persons	1,405	1,570	1,410	1,183	1,076
	Total		persons	37,999	37,613	37,913	38,097	37,958
	Japan		%	29	29	28	28	28
	China		%	25	26	28	29	29
	Southeast Asia		%	43	42	40	40	40
Percentage of	Thailand		%	_	_	_	<u> </u>	18
employees by region	Vietnam	Consolidated	%	_	_	_	_	13
	Other Southeast		0/					
	Asian countries		%	_	_	_	_	10
	Europe and the United States		%	4	4	4	3	3
	Male		persons	2,857	2,704	2,643	2,572	2,483
	Female	N	persons	819	785	776	765	768
Number of	Total	Non-consolidated	persons	3,676	3,489	3,419	3,337	3,251
employees by	Percentage of female employees		%	22.3	22.5	22.7	22.9	23.6
gender and percentage of	Male	Consolidated	persons	_	_	_	21,186	21,109
women	Female		persons	<u> </u>	—	_	16,911	16,849
	Total		persons	_	_	_	38,097	37,958
	Percentage of female		%	_		_	44.4	44.4
	employees							
	Age 20s and under		%	20.7	19.6	18.8	17.9	17.5
	Age 30s		%	27.3	27.2	26.5	27.5	28.5
	Age 40s	Non-consolidated	%	29.1	27.1	25.7	24.6	24.5
	Age 50s		%	22.4	25.5	28.5	29.5	29.1
Employee ratio by age	Age 60s and over		%	0.4	0.5	0.5	0.6	0.4
age	Age 20s and under		%	_	_	17.8	17.1	16.9
	Age 30s	Major domestic	%	_		25.7	26.9	27.6
	Age 40s	group companies	%	_		26.8	25.9	25.6
	Age 50s		%	_	_	29	19.5	29.3
	Age 60s and over		%	40.3	40.9	0.6 41.1	0.6 41.1	0.6 41.3
	Male Female	Non-consolidated	age	40.4	41.2	42.0	42.5	41.3
	Total	Non-consolidated	age	40.4	41.0	41.3	41.4	41.7
Average age			age	40.5	41.0	41.3	41.4	41.7
	Male Female	Major domestic	age				41.8	42.3
	Total	group companies	age			41.4	41.8	42.3
	Male		age	17.3	17.8	17.9	17.8	18.0
	Female	Non-consolidated	years	17.5	20.0	20.7	21.2	21.6
Average levelle	Total		years years	17.8	18.3	18.5	18.6	18.8
Average length of continuous service	Male		years	17.0	10.5	17.5	18.1	18.2
	Female	Major domestic	years	_	_	17.3	20.6	20.9
	Total	group companies	years			17.9	18.7	18.8
	IUlai		year 5	_		17.9	10./	10.6

It	:em	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Hiring and Turnove	er							
Tilling und Turnov	Male		persons	92	30	68	56	61
Hiring of new	Female	Non-consolidated	persons	25	11	12	17	20
	Total		persons	117	41	80	73	81
graduates	Male		persons	_		80	76	85
graduates	Female	Major domestic	persons	_	_	16	22	24
	Total	group companies	persons	_	_	96	98	109
	Male		persons	98	47	88	88	93
Number of new	Female	Non-consolidated	persons	26	22	22	24	27
hires by gender	Total		persons	124	69	110	112	120
(total of new graduates and	Male		persons	_	_	113	123	107
mid-career hires)	Female	Major domestic	persons	_	_	30	32	24
	Total	group companies	persons	_	_	143	155	131
	Age 20s and under		persons	_	55	85	85	84
	Age 30s		persons	_	12	19	21	14
	Age 40s	Non-consolidated	persons	_	2	6	4	1
Number of new	Age 50s		persons	_	0	0	2	1
hires by age group	Age 60s and over		persons	_	0	0	0	0
(total of new graduates and	Age 20s and under		persons	_	_	111	114	122
mid-career hires)	Age 30s	Major domestic group companies	persons	_	_	21	33	20
	Age 40s		persons	_	_	11	5	2
	Age 50s		persons	_		0	3	2
	Age 60s and over		persons	_	_	0	0	0
		Non-consolidated	%	_	6.5	7.8	7.6	7.5
Ratio of senior mana regional communitie		Major domestic group companies	%	_	-	8.3	9.2	9.2
Percentage of position internal open recruit		Major domestic group companies	%	_	_	_	_	22.7
Average employment	t cost	Non-consolidated	yen	411,000	972,000	2,933,000	898,000	1,036,000
	O	Non-consolidated	%	1.8	1.7	2.3	4.1	4.1
D. 1	Overall rate of turnover	Consolidated	%	_	_	-	11.5	9.5
Rate of turnover	Data of columns to the columns	Non-consolidated	%	_	_	_	2.0	2.5
	Rate of voluntary turnover	Consolidated	%	_	_	_	10.5	10.6
	Male		%	_	_	_	4.4	4.2
	Female	Non-consolidated	%	_	_	-	3.0	3.8
	Total		%	_	_	_	4.1	4.1
Rate of turnover by	Male		%	_	-	-	2.7	3.8
gender (Overall rate of	Female	Major domestic group companies	%	_	_	_	2.6	3.3
turnover)	Total	3 - 1 - 1 - 1	%	_	_	_	2.7	3.7
	Male		%	_	_	_	11.7	9.5
	Female	Consolidated	%	_	_	_	11.2	9.4
	Total		%	_	_	_	11.5	9.5
	Age 20s and under		%		_	_	3.9	4.7
	Age 30s	Non-consolidated	%	_	_	_	2.6	3.5
Rate of turnover by	Age 40s	Non-consolidated	%	_	-	_	1.5	1.7
age	Age 50s		%			_	0.7	0.8
(Overall rate of	Age 20s and under		%	_	_	_	3.7	4
turnover)	Age 30s	Major domestic	%	_	-	_	2.2	3.2
	Age 40s	group companies	%	_	-	-	1.3	1.5
	Age 50s		%	_	_	_	0.8	0.7

It	:em	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Remuneration								
Ratio of standard	Fukushima	Major production	%	132.6	128.1	123.6	122.3	125.5
entry-level salary to regional minimum	Ibaraki	sites of NOK and	%	-	-	116.4	115.5	119.3
wage	Kumamoto	MEKTEC	%	133.7	129.2	124.3	122.5	125.9
Employee gender	All employees		%	_		71.8	74.2	77.3
wage gap (percentage for	Of which regular employees	Non-consolidated	%	_	_	75.3	77.0	80.4
female if men=100)	Of which part-time and fixed-term employees		%	_	_	55.4	65.6	65.5
Investment in Hum	nan Capital							
	Total number of participants		persons	1,027	1,524	8,383	1,650	33,386
	Total training hours		hours	15,763	17,512	22,940	19,145	122,835
	Total training cost	Major domestic group companies	thousands of yen	_	_	_	72,108	324,892
	Average training hours per person		hours/ persons	_	_	_	4.0	28.3
	Average training cost per person		yen/persons	_	_	_	14,895	74,774
Human resource development	Average training days per person		day/persons	_	_	_	_	3.5
programs*1	Total number of participants		persons	_	_	_	_	115,982
	Total training hours		hours	_	_	_	-	664,549
	Total training cost		thousands of yen	_	-	_	_	791,514
	Average training hours per person	Consolidated	hours/ persons	_	_	_	_	17.4
	Average training cost per person		yen/persons	_	_	_	_	20,776
	Average training days per person		day/persons	_	_	_	_	2.2
Investment in	Total number of people		persons	_	_	_	18,004	5,506
human resource	Total hours	Consolidated	hours	_	_	_	786,347	27,364
development	Total training expenses		thousands of yen	_	_	_	405,251	169,333

<sup>\*1</sup> Excludes training related to organizational development, leadership development, and leader development from the human resource development programs listed on page 25.
\*2 Includes training related to organizational development, leadership development, and leader development. Changes to the scope of data collection starting in FY2024

	Ite		Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Diversity									
2.1.0.0.0,			Major domestic group companies	%	0.5	0.3	1.7	2.3	2.3
Percentage of manage	tage of management positions held by women		Overseas group companies	%	30	35.7	32.1	30.9	41.1
ercentage of manage	incirc k	bosicions field by Worfleri	Consolidated	%			26.9	18.2	28.6
Parcantaga of uppar m	20200	nent positions held by women	Consolidated	%	_	_	20.9	15.9	15
		nent positions held by women	Consolidated	96	_	_	_	19.0	31.1
Percentage of lower ma			Consolidated	90	_		_	19.0	31.1
generating functions (			Consolidated	%	_	_	_	19.9	16.5
Proportion of women i			Consolidated	%	_	_	_	_	18.7
. roportion or morners		Mid-career employees		%	9.8	9.8	11.3	12.8	11.1
Ratio of mid-career an	d	Foreign-national employees	Non-consolidated	%	0.3	0.3	0.3	0.3	0.4
foreign-national emplo		Mid-career employees	Major domostic aroun	%	0.5	0.5	12.3	13.3	13
n managerial position	5	Foreign-national employees	Major domestic group companies	%			0.3	0.3	0.3
Parcantago of woman	acnirin	ig to careers in leadership	companies						
and professional positi		ig to careers in leadership	Non-consolidated	%	_	_	20	23	24
Development personn			Major domestic group companies	persons	_	_	692	718	694
Human Resource an		fare System	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		l				
		Male	Non-consolidated (Leave-taking rate)	persons (%)	2	5	24 (21.8)	46 (40.0)	18 (15 N)
Number of employees took childcare leave	VVIIO	Female	Non-consolidated	persons	47	30	32	34	31
	ofto-	Male	Non-consolidated	persons %	4/	100	100	100	100
Rate of return-to-work childcare leave	aiter	Female	Non-consolidated	90 96		100	100	100	100
Number of employees v took nursing care leave	/ho	Male	Non-consolidated	persons	1	1	2	1	0
		Female		persons	0	0	0	0	0
Number of persons		Male 	Non-consolidated	persons	212	221	183	191	200
reemployed		Female		persons	10	12	12	15	15
Employment rate of di	sabled	persons	Non-consolidated	%	2.03	2.15	2.56	2.71	2.7
		pe. 501.5	Consolidated	%	_		0.71	0.75	0.84
Hours worked per employee/Average number		Actual total hours worked		hours/	1,953.0	2,006.8	1,997.30	1,972.4	1,955.9
				persons hours/	<u> </u>				
of days of annual paid		Overtime worked (on an annual basis)	Non-consolidated	persons	117	183.2	180.7	162.5	146.5
taken		Average number of days of		· · · · · · · · · · · · · · · · · · ·	115	1.0	1.0	170	170
		annual paid leave taken		day/persons	14.5	16	16.9	17.8	17.8
Number of labor-manage	ement	Number of Central Labor	Major domestic group	Unit	17	16	17	18	17
conferences held		Management Councils held	companies						
Number of Labor Stan			Major domestic group companies	cases	_		_	0	0
Occupational Safety	and H	lealthcare							
			Manufacturing industry*3	_	1.21	1.31	1.25	1.29	1.3
Lost-time injury freque	na.	Employees	(calendar year)						
rate*1	ПСУ	Employees	Major domestic group companies	_	0.24	0.25	0.23	0.27	0.13
			Consolidated	_	0.85	0.37	0.23	0.37	0.54
		Contract employees	_	_	0	0.22	0.83	0.59	0
Severity rate*2			Manufacturing industry*3(calendar year)	_	0.070	0.060			0.06
Jevenity rate			Major domestic group companies	_	0.005	0.005	0.004	0.003	0.01
Number of deaths due		Employees	Consolidated	persons	0	0	0	0	0
to occupational accidents		Contract employees*4	Consolidated	Number of people (total)	0 (1,805)	0 (2,135)	0 (1,704)	0 (1,677)	0 (8,199)
		lfety, health, and wellness	Major domestic group	persons	161	150	141	170	161
Safety and Health	• • • • • • • • • • • • • • • • • • • •	aining for line managers	companies	persons	101	130	171	170	
Training	RST t	raining for business personnel	Non-consolidated	persons	_	_	_	_	124
3		quipment safety training	Non-consolidated	persons	146	102	274	639	328
	No. of units undergoing facility safety improvements		Non-consolidated	Units	994	646	194	215	246
		Investment in facilities and equipment for safety measures			68	170	270	413	460
No. of units undergoin	d equip			cases	850	715	552	443	456
No. of units undergoin Investment in facilities ar			Major domestic group companies	cases					
No. of units undergoin Investment in facilities ar Number of health cons	ultatio	on calls	Major domestic group companies	cases					
No. of units undergoin investment in facilities ar Number of health cons	ultatio	on calls			_	02 Z	91 5	90.4	90.0
No. of units undergoin Investment in facilities ar Number of health cons Supply Chain Manag	emen	on calls <b>t</b>	Japan	%		93.3 84.3	+	90.4 89.7	
No. of units undergoin Investment in facilities ar Number of health cons Supply Chain Manag	emen	on calls	Japan China	% %	_	84.3	84.7	89.7	90.9 89.9
No. of units undergoin investment in facilities ar Number of health cons Supply Chain Manag	emen ocurem	n calls  t  ent ratio by region(by value)	Japan	%			84.7		

<sup>\*1</sup> Number of casualties and rate of lost-time injuries and accidents per million working hours
\*2 Severity of injuries represented by the total number of workdays lost per 1,000 working hours
\*3 Ministry of Health, Labour and Welfare 2023 Occupational Accident Trend Survey
\*4 Including contractors

## Governance

## **Corporate Governance**

### **Basic Concept**

The NOK Group is not only committed to fostering economic and social development through fair competition and value creation, but also to instilling pride in all stakeholders, enabling them to pursue their shared dreams. We aim to be a valuable presence in society at large. To achieve stable, long-term growth and secure consistent profitability, we are actively implementing our management plans. Consequently, the NOK Group considers the continuous enhancement of our corporate governance system as one of our key management priorities, and is dedicated to this endeavor.

## **Corporate Governance System**

In order to develop and provide customer-oriented products and services in a fast-changing business environment shaped by new technologies and shifting user needs, we must design and offer products and services with the customer in mind. To achieve this, we need efficient and agile business execution based on quick decisions. Furthermore, to better delineate the roles of oversight and execution, we have adopted a Company with an Audit & Supervisory Committee system. This allows the Board of Directors to focus solely on decision-making of key management policies and plans, and supervising business execution. We delegate some key business decisions to executive directors and further

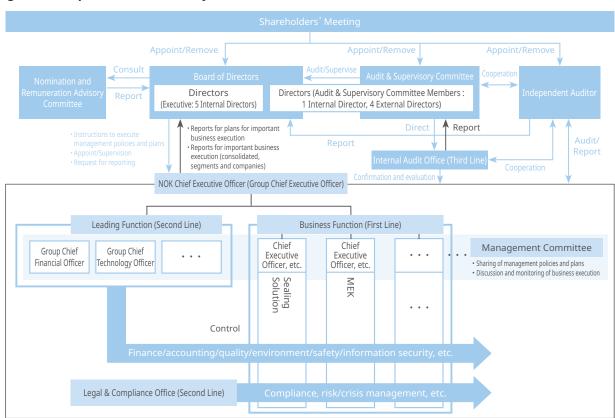
delegate authority for execution to executive officers. This ensures a clear separation of oversight and execution and allows for quick decision-making. Our Audit & Supervisory Committee, composed of a majority of external directors, oversees business execution from a neutral standpoint. This ensures a governance system that balances flexible business execution with effective monitoring.

To enhance the objectivity and transparency of executive nominations and remuneration, and to address other key management issues, we have established a Nomination and Remuneration Advisory Committee. This committee serves as an advisory body to the Board of Directors. The Nomination and Remuneration Advisory Committee consists of a chair and a majority of independent external directors. It regularly reviews and advises on crucial matters such as executive nominations and compensation, providing appropriate guidance to the Board of Directors.

As of June 30th 2025, the Board of Directors comprises ten members (four of whom are external directors). The President and CEO serves as the Chair.

The Audit & Supervisory Committee consists of five directors (including four outside directors) who are Audit & Supervisory Committee members, and is chaired by a full-time Audit & Supervisory Committee member. The Nomination and Compensation Advisory Committee is composed of a majority of independent outside directors,

## **Diagram of Corporate Governance System**



and its operating rules stipulate that the chairperson of the committee is selected from among the independent outside directors by resolution of the committee.

On the other hand, in the execution of our business operations, we have established a system to realize prompt

decision-making and efficient management for the entire group by appointing executive officers, including CxOs such as CEO, CFO, and CTO, who are required as a manufacturing corporate group, and by appropriately delegating authority and organizing the authority of duties.

### **Steps to Enhance Corporate Governance**

2004	Apr.	Established the Corporate Risk Management Office	Prevent and minimize negative impacts on business continuity
	Jul.	Established the Accounting and Audit Division	Established as the Internal Audit Unit
2006	May.	Established the Basic Policy for the Internal Control System	Formulate basic policies for the internal control system
		Enacted the NOK Charter of Corporate Behavior	Enacted and declared Management Principles, Management Policies, and Principles of Corporate Behavior
	Aug.	Enacted the Behavioral Guidelines on Employee Compliance	Enacted and disseminated guidelines on matters for employees to comply with
		Compliance Rules established	Provisions on the handling of compliance with laws and regulations and company rules and regulations
2007	Mar.	Established the Risk Management Rules	Provisions on responses to the occurrence of business risks and emergencies
	Oct.	Established the Internal Control Subsidiary Management Rules	Prescribes instructions to subsidiaries and compliance by subsidiaries
		Established the Internal Control Rules for Financial Reporting	Prescribes methods for developing and evaluating internal controls over financial reporting
2008	Jan.	Established the Internal Control Audit Committee	Audit and maintain the state of the internal control system
2009	Jun.	Introduced the Executive Officer System	Separate management oversight and executive functions, and establish an agile management framework
		Changed the term of office of directors to one year	Separate management oversight and executive functions, and establish an agile management framework
		Revised the executive compensation system	Introduce a long-term performance-based and performance-linked compensation system
2013	Jul.	Established internal control rules	Consolidate Internal Control Subsidiary Management Rules and other internal control-related rules
2015	Jun.	Established the Risk Management Committee	Minimize risk probability and losses through cross-organizational verification and evaluation
		One external director took office	Strengthen the management oversight function
2016	Apr.	Installed a whistle-blowing system (that covers domestic Group Companies)	Created a whistle-blowing framework by establishing the Whistle-Blowing Hotline (in and outside the Company)
	May.	Started assessing the effectiveness of the Board of Directors	Improve the effectiveness of the Board of Directors
	Jun.	Increased the number of external directors to two	Strengthen the management oversight function
	Oct.	Established the CSR Committee	Raise the awareness of CSR throughout the Company and promote effective CSR activities
		Established the Central BCM Committee	Increase the effectiveness of the business continuity plan and help to improve corporate value
2017	Jan.	Seal Segment BCM Committee established	Build and maintain the BCM within the segment as a sub-organization of the Central BCM Committee
	Mar.	Electronic Segment BCM Committee established	Build and maintain the BCM within the segment as a sub-organization of the Central BCM Committee
2019	Jan.	Established the Business Continuity Management Rules	Provides a business continuity management system
	Jul.	Established the Management Oversight Council (composed of the President and Representative Director, external directors and auditors)	Check, assess, and advise on key management issues and serious risks
2020	Oct.	Expanded the internal reporting system (China Group companies excluding Taiwan and Hong Kong)	Strengthen the reporting framework by expanding the establishment of some whistle- blowing desks at overseas bases
2021	May.	Established the ESG Committee	Promote the Company's continued sustainable growth and the implementation of responsible initiatives
2022	Mar.	Expanded and introduced a whistle-blowing system (Asian Group Companies outside mainland China)	Strengthen the reporting framework by expanding the establishment of some whistle- blowing desks at overseas bases
	Jun.	Established the Internal Audit Department	Established a specialized department for internal control audits
		Formulated whistle-blowing regulations	Formulated regulations in compliance with the revised Whistleblower Protection Act
2023	Apr.	Formulated NOK Group Anti-Bribery and Anti-Corruption Policy	Took actions and reinforced framework for bribery and corruption prevention
		Formulated basic rules for bribery and corruption prevention	
	Jul.	Changed our Risk Management Committee Structure	Strengthened our systems to address risks throughout the Group
	Oct.	Established the Sustainability Committee	Promoted sustainability initiatives across the Group
2024	Jun.	Established a governance system that combines flexible business execution and monitoring	Established a governance system that combines flexible business execution and monitoring
		Established Internal Audit Office	Established an Internal Audit Department under the direct control of the President, independent of business execution divisions
		Established Nomination and Remuneration Advisory Committee (composed of a representative director and external director and chaired by an external director)	Confirmation, evaluation, and advice on important issues and serious risks related to company management, such as nomination and remuneration of officers
2025	Apr.	Legal & Compliance Office established	To ensure fairness, the organization was established as an entity that does not belong to either the Leading Function or the Business Function.

#### **Remuneration of Directors**

The Company has established the following basic policy for determining the details of remuneration for directors.

Based on this policy, we determine remuneration within the total amount approved by the General Meeting of Shareholders. The Board of Directors decides remuneration for directors who are not Audit & Supervisory Committee members. Directors who are Audit & Supervisory Committee members decide their own remuneration through discussions among themselves.

### **Basic Policy**

We believe in using remuneration to motivate the management team, including directors of our core companies, to achieve their goals. Through this approach, we aim to enhance corporate value over the medium to long term and increase stakeholder satisfaction. To this end, we have in place a stock-based remuneration plan for the management of the NOK Group's core companies, in which the amount varies according to the level of

achievement of KPIs related to the priority implementation measures in the NOK Group's medium-term management plan. Together with monetary remuneration, which varies according to the degree to which performance targets are achieved in a single fiscal year, the goal is to increase corporate value over the medium to long term and to enhance stakeholder satisfaction.

(As of June 30, 2025)

Composition of the						/External
Directors						External
Directors	persons	10	9	1	6	4
Executive Officer*	persons	13	12	1	13	0

 $<sup>^{\</sup>ast}$  Figures for executive officers do not include those concurrently serving as directors.

#### **Board of Directors and Skills Matrix**

			Skills possessed								
Officers											Sustainability
	Masao Tsuru	Male	5	0	0						
Directors who are not	Chikashi Takeda	Male	0	0				0			
Audit & Supervisory Committee members	Akira Watanabe	Male	12		0					0	
	Junichi Orita	Male	4	0		0					
	Yuki Sato	Male	1				0		0		
	Hideki Watanabe*1	Male	5			0		0			
Directors who are	Makoto Fujioka	Male	9	0							0
Audit & Supervisory Committee members	Naoki Shimada	Male	3	0	0						
	Motoko Imada	female	1	0					0		
	Atsushi Kajitani*1	Male	9	0						0	

<sup>\*1</sup> For Mr. Hideki Watanabe and Mr. Atsushi Kajitani, directors who are Audit & Supervisory Committee members, the number of years of service shown includes the period during which they were auditors.

<sup>\*2</sup>The above list shows up to two areas specifically expected of each person, and does not indicate all areas of their knowledge or experience.

						FY2023
	Representative Director		2	2	2	2
Composition of Management Oversight Council (advisory body for	Directors	persons	0	0	0	0
nominations, remuneration, etc.)	External Directors	persons	2	2	3	3
riorimidatoris, remaneration, etc.,	External Auditors	persons	1	1	_	_
Management Oversight Council (advisory body for nominations,	Number of Management Oversight Council meetings held	sessions	2	2	2	2
remuneration, etc.)	Average attendance rate	%	100	100	100	100
	Directors	persons	9	9	9	9
Composition of Board of Directors	Of which, the number of external directors	persons	2	2	3	3
	Of which, the number of female directors	persons	0	0	0	0
Comment to the state of the sta	Auditors	persons	5	5	5	5
Composition of Board of Statutory Auditors	Of which, the number of external auditors	persons	3	3	3	3
Additors	Of which, the number of female auditors	persons	0	0	0	0
Board of Directors	Number of board of directors' meetings held (held on paper)		14(2)	12 (0)	13(1)	14(1)
	Average attendance rate	%	100	99.1	100	98.2
Poard of Statuton, Auditors	Number of board of statutory auditors' meetings held	sessions	12	11	11	12
Board of Statutory Auditors	Average attendance rate	%	98.3	100	98.2	100

			FY2024
Composition of the	Representative Director	persons	1
Nomination and	Directors	persons	0
Remuneration Advisory Committee	External Directors	persons	4
Nomination and	Number of times held	sessions	5
Remuneration Advisory Committee	Average attendance rate	%	100
	Directors	persons	9
Composition of Board of Directors	Of which, the number of external directors	persons	4
of Directors	Of which, the number of female directors	persons	1
C	Director (Audit & Supervisory Committee Member)	persons	5
Composition of the Audit & Supervisory Committee	Of which, the number of external directors	persons	4
Committee	Of which, the number of female directors	persons	1
Board of Directors	Number of board of directors' meetings held (held on paper)	sessions	12(0)
	Average attendance rate	%	100
Audit & Supervisory	Number of times held	sessions	7
Committee	Average attendance rate	%	100

Iter			
Remuneration for Directors (excluding	Directors	Yen, millions	355
Audit & Supervisory Committee Members)	Of which, the number of external directors	Yen, millions	7
Remuneration for Directors (Audit &	Auditors	Yen, millions	48
Supervisory Committee Members)	Of which, the number of external auditors	Yen, millions	30
Remuneration for Corporate Auditors	Auditors	Yen, millions	20
	Of which, the number of external auditors	Yen, millions	7

## Compliance

### **Basic Concept**

The NOK Group established the Compliance Rules in 2006, based on the NOK Charter of Corporate Behavior, which stipulates compliance with laws and regulations as well as the Company's various rules and regulations. The Company established the Behavioral Guidelines on Employee Compliance as a guide for specific details of the regulations. This document specifies the items that employees must comply with in their business activities, and we ensure that all Group employees familiarize themselves with the Guidelines. If any compliance violations are discovered, those involved will face

disciplinary action under Company Rules. Their actions will also affect their performance evaluations.

# **Behavioral Guidelines Concerning Employee Compliance**

Please refer to the NOK corporate website for details. https://www.nokgrp.com/en/sustainability/esg\_ strategy/#5

#### **Promotion System**

The Risk Management Committee, chaired by the Group CEO, decides compliance policies.

It also reviews compliance-related events and issues. Based on these policies and outcomes, the Compliance Promotion Subcommittee, as part of the Risk Management Committee, works to prevent legal risks globally across the Group. It promotes compliance measures and considers steps to prevent repeat legal violations, striving for

### **Training Activities**

The NOK Group has designated every October as Compliance Promotion Month. During this period, we conduct a compliance awareness survey for all employees in Japan and oversees. We aim to regularly instill and reinforce company compliance policies. The Company also provides compliance training as part of the training for new employees and newly appointed managers. We have

thorough compliance. Furthermore, to strengthen compliance across the Group, each department in charge of specific laws and regulations promotes compliance activities in their area of responsibility, based on the Compliance Rules. These departments also serve as contact points for reporting and consulting on the relevant laws and regulations or on internal rules and internal regulations.

created educational materials for all employees titled "Introduction to Compliance" (in Japanese, English, Chinese, and Thai, Vietnamese, Indonesian and Portuguese) and regularly distribute articles titled "Encouraging Compliance" to continuously promote awareness about compliance.

Compliance education			
Training for new employees	When joining the Company (April)	New employees	Acquisition of basic compliance knowledge
Organizational Management Training	When appointed (twice a year)	Newly appointed managers	Acquisition of compliance knowledge necessary for labor management
Management training for seconded employees	When seconded (once a year)	Newly seconded officers	Acquisition of internal control and compliance knowledge
Group legal training	Once a year	Group company officials	Acquisition of compliance knowledge required for work
Compliance Promotion Month	Every October	All group officers and employees	Compliance awareness surveys, comprehension tests, etc. Education via compliance primers and educational databases
Distribution of compliance articles	Four times a year	All group officers and employees	Acquisition of knowledge on laws and regulations by theme and improvement of compliance awareness

## **Reporting Desk and Whistle-Blowing Hotline**

The NOK Group has established the NOK Group Reporting and Consultation Desk and Whistle-Blowing Hotline to detect and correct illegal conduct that violates the Compliance Rules at an early stage. NOK Group employees can contact the Reporting and Consultation Desk if they notice an illegal act or violation or if they are unsure whether an action counts as an illegal act or violation. If the violation continues even after the report to the Reporting and Consultation Desk or if it is difficult to report there, we have established a system whereby employees can contact the Whistle-Blowing Hotline. The Whistle-Blowing Hotline consists of the internal contact (Legal Affairs Department) and independent lawyers. Reports can be made anonymously, if they are objective and specific. Moreover whistleblowers are protected from retaliation under the Whistle-Blowing Rules. Whenever a report or consultation is received, the Company takes appropriate action, such as investigating and correcting the situation in question. Informants are promptly notified of the results investigations in a manner that takes into consideration the credibility, integrity, and privacy of the informant and persons cooperating in the investigation. Following the completion of an investigation, we take steps to confirm that neither the informant nor cooperating parties have been subject to retaliatory treatment.

We provide regular training to all NOK Group employees, with a view to raising awareness of our whistle-blower system and promoting understanding of the Whistle-Blower Protection Act.

Regarding overseas sites, a Whistle-Blowing Hotline has been set up (in and outside of the Company) at 12 Group companies in China. Furthermore, we have expanded and established whistle-blowing hotlines at 32 Group companies in the rest of Asia to strengthen our whistle-blower system.

#### **Prevention of Corruption and Bribery**

The NOK Group declares in the NOK Charter of Corporate Behavior that it will maintain "fair, transparent, and free competition, appropriate business transactions, and sound and normal relations with political and administrative

authorities,"and that corruption and bribery are prohibited. As a signatory to the United Nations Global Compact, the NOK Group respects the Ten Principles of the United Nations Global Compact and has established the NOK Group Policy on Prevention of Corruption and Bribery to further promote measures to prevent corruption and bribery. In the event of a violation of the Group's anticorruption policy, the Risk Management Committee is primarily tasked with taking response measures. Our Whistle-Blowing Hotline also accepts information on violations of anti-corruption rules. The Internal Audit Department also conducts anti-corruption audits of all domestic and international divisions and Group subsidiaries. Based on the results of each audit, it identifies any anti-corruption risks in the business and reports its findings to the Audit & Supervisory Committee and to the Board of Directors.

# NOK Group Policy on Prevention of Corruption and Bribery

Please refer to the NOK corporate website for details. https://www.nokgrp.com/en/sustainability/esg\_ strategy/#6

### **Anti-Corruption Initiatives**

In accordance with the Basic Regulations for the Prevention of Corruption and Bribery, the Company prohibits, in principle, the provision of benefits, donations, and grants to domestic and foreign public officials and others. In addition, we have established "Guidelines Concerning Provision of Benefits to Public Officials, etc." and "Guidelines Concerning Donations and Grants to Public Officials, etc." to ensure the prevention of corruption by requiring that any exceptional donations or contributions be subject to prior approval procedures.

## Initiatives related to the appointment of agents, consultants, etc.

The appointment (and continued appointment) of agents, consultants, etc. is subject to approval by the head of the legal division after due diligence in accordance with the "Guidelines for the Appointment of Agents, Consultants, etc. for Public Officials, etc." based on the Basic Regulations for the Prevention of Corruption and Bribery. In the event that the Company becomes aware of corrupt practices or suspected corrupt practices by agents, consultants, etc., a system is in place to take prompt and appropriate action in accordance with the Risk Management Regulations.

Item	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Serious legal violations	Consolidated	cases	0	0	0	0	0
Amount of fines for legal violations	Consolidated	yen	0	0	0	0	0
Anti-corruption violations	Consolidated	cases	0	0	0	0	0
Amount of fines for anti-corruption violations	Consolidated	yen	0	0	0	0	0
Violations of the Code of Conduct other than above	Consolidated	cases	8	4	4	10	5
Number of cases relating to human rights violations and harassment	Consolidated	cases	0	1	2	3	1
Number of cases relating to privacy (including customer personal information)	Consolidated	cases	0	0	0	0	0
Number of information leaks (excluding the above)	Consolidated	cases	_	_	_	_	0
Number of cases relating to conflicts of interest	Consolidated	cases	0	0	0	0	0
Number of cases relating to insider trading	Consolidated	cases	0	0	0	0	0
Others	Consolidated	cases	8	3	2	7	4

Spending on political organizations	Scope of coverage	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Lobbying activities	Consolidated	yen	0	0	0	0	0
Political activities	Consolidated	yen	0	0	0	0	0
Other political contributions	Consolidated	yen	0	0	0	0	0

Amount of payments to major industry groups (membership fees)	Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Japan Business Federation	yen	_	_	_	3,300,000	3,470,000
Japan Auto Parts Industries Association	yen	_	_	_	3,900,000	3,900,000
Tokyo Chamber of Commerce and Industry	yen	_	_	_	1,120,000	1,120,000

## Risk Management

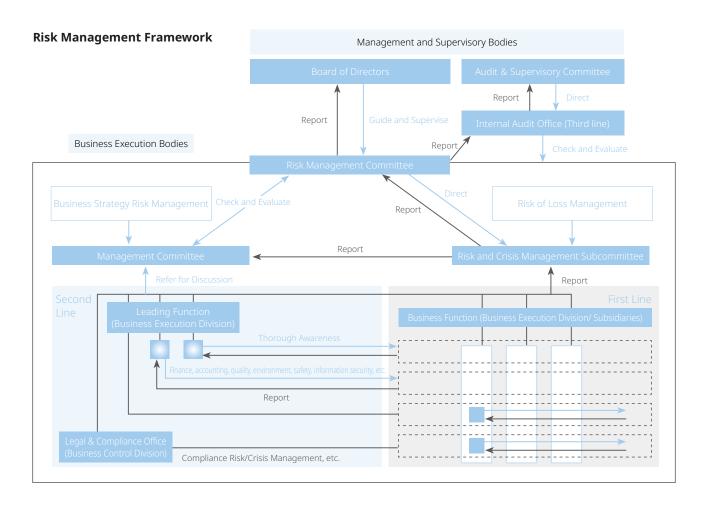
#### **Basic Concept**

NOK's Risk Management Regulations stipulate the basic policy and management framework for risk management across the entire Group. Based on these regulations, we have established a Risk Management Committee chaired by the Group CEO to promote risk management for the Group. There are two types of business risks that may affect the management of the Company: business strategy risk, in which we maximize returns while balancing risks to enhance corporate value; and the risk of loss, in which we seek to prevent or minimize the probability of losses occurring to maintain corporate value. For business strategy risks, the Risk Management Committee meets three times a year to identify such risks in group company operations and new ventures. These risks are discussed every month in the Committee's management strategy meetings and in sub-committee meetings dedicated to specific topics so that returns can be maximized in a timely and appropriate manner. For risk of loss, the Risk Management Committee has a subcommittee called the Risk and Crisis Management Subcommittee. This subcommittee meets twice a year to identify and analyze such risks across the group. It then quantifies these risks by

evaluating their frequency of occurrence and scale of damage assesses their importance and urgency, and ranks them in order of priority. Finally, it reviews required actions and countermeasures.

### **Risk Management Framework**

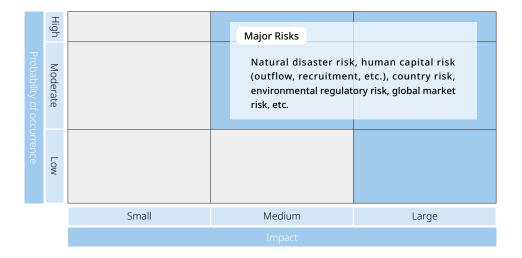
To strengthen the company-wide risk management framework, we utilize a coordinated three-line model. First, the risk owners in each business execution division are responsible for day-to-day risk management (first line), and the Leading Function, which is the division responsible for operational control, promotes company-wide risk management (second line). The Internal Audit Office then monitors the promotion status and systems from an independent perspective (third line) to ensure an effective risk management system. Discussions at the Risk Management Committee are reported to the Audit & Supervisory Committee (including outside directors), which is composed of directors who do not engage in business execution. Through this process, we obtain opinions on risk management methods and areas for improvement, which are then utilized in risk management measures.



## **Major Risks and Countermeasures**

Risk reviews are conducted through interviews with risk

owners to classify and evaluate risks in terms of probability of occurrence and impact.



Major Risks		
Contents	Declining birthrate and aging population in Japan have reduced the number of hires in the manufacturing industry	Products manufactured and sold by the NOK Group are in violation of regulations on environmentally hazardous substances, emissions of environmentally hazardous substances from manufacturing sites
Probability of occurrence	Medium	Medium
Impact	Large	Large
Effect	Impact on maintenance of production bases due to decrease in number of domestic hires     Potential loss of competitiveness due to reduced production	Increase in operating costs due to regulatory compliance     Environmental pollution and health hazards due to environmental accidents     Fines, lawsuits, and damage to corporate image due to regulatory violations
Countermeasures	Visualize the human capital portfolio of existing employees. Develop recruiting strategies and promote effective recruiting activities	Continuous monitoring of global trends, etc. Visualize environmental regulatory risks across the entire group and establish a management system

## **Emerging risk**

Significant emerging risks with effects over the medium to long term (3-5 years) are regularly reviewed, identified and

managed. While these risks are unlikely to have a significant immediate impact on the business, the potential impact is unknown, and mitigation measures are in place.

	Country risk	Decarbonization Regulation Risk
Contents	Impact on business and expatriate employees due to natural disasters, political instability, trade friction, etc. in countries and regions where NOK Group bases are located	Global decarbonization trend has led to enactment and tightening of decarbonization regulations in many countries, increasing operating costs
Business Impact	Decrease in sales, shutdown, damage to employees or accompany family members.	Since approximately 90% of the NOK Group's CO <sub>2</sub> emissions are derived from electricity, the imposition of a carbon tax on electricity costs will increase operating costs.
Mitigation measures	Thorough information gathering, establishment of a locally complete production and sales system, securing alternative materials, and introduction of a system to monitor overseas assignments and business trips in real time.	Promote the use of CN fuels and expansion of renewable energy, as well as decarbonization in manufacturing through the development of a CN roadmap

### **Risk Management Initiatives**

#### **Risk Management Process Audits**

The status of risk management processes, including risk identification (methods and results), risk assessment (materiality assessment), and responses to and results of responses to material risks, (including the results of those responses), is reported once a year to the to the Audit & Supervisory Committee (which includes four outside directors). Furthermore, with regard to internal audits, functional audit items are selected based on the status of operational risk management and the occurrence of new risks shared by each division to the Internal Audit Office. Audit results are regularly reported to the Audit & Supervisory Committee and are used to improve the risk management system.

#### **Risk Management Training**

To strengthen risk management throughout the Group, we

conduct e-learning on compliance for all employees. In addition, guidelines are distributed to new directors, both internal and external, to improve their understanding of and ability to deal with risk management.

#### **Product Risk Assessment**

We conduct risk assessments of our products. When new chemical substances are used, we evaluate their safety, hazardousness, environmental impact, legal compliance, etc., and establish our own management categories for each substance, such as prohibition, reduction, and control, to build an appropriate management system to prevent contamination with substances that have an environmental impact. This prevents environmentally hazardous substances from entering or leaking into our products and manages product risks such as environmental and health hazards and regulatory nonconformity.

#### Crisis and Risk Categories That May Significantly Impact Company Management

Risks of loss are categorized as follows based on the type of crisis that may significantly impact company management and its cause.

Types of crises	Causes	Risk categories	
	Fire, explosion		
	Natural disasters (earthquakes, floods, volcanic eruptions, etc)		
	Illness (COVID-19, H1N1 influenza, SARS, etc.)	• Disaster risk	
Shutdown of operations	Suspension of materials supplies	<ul> <li>Credit risk</li> </ul>	
	Cyberattacks	<ul> <li>Country risk</li> </ul>	
	Unlawful obstruction of business		
	Disruption of critical infrastructure		
	Judicial risk (crime, profit sharing, etc.)		
	Taxation (violation of tax laws, etc.)	• Legal risk • Credit risk	
Legal violations, etc.	Companies Act, Financial Instruments and Exchange Act		
Legal violations, etc.	(shareholder derivative lawsuits, etc.)		
	Environment (pollution, etc.)		
	Labor laws (violation of Labor Standards Act, harassment, etc.)		
	Industrial accidents		
Examples and path continue injury or the	Traffic accidents	• Disaster risk	
Employee death, serious injury, or the possibility thereof	Natural disasters (earthquakes, floods, volcanic eruptions, etc)	Country risk	
possibility thereof	Fire, explosion	Country risk	
	Overseas armed conflict, riots, terrorism, kidnapping, etc.		
Lawsuits		• Legal risk	
Other matters that might significantly affect the	Loss, leakage of key confidential information	• Credit risk	
Other matters that might significantly affect the Company's operations	Serious quality issues	Credit risk	
Company's operations	Other	<ul> <li>Types of Risk</li> </ul>	

#### **Business Risks**

Business risk

Investment risk

Market risk

#### 1. Business strategy risk

#### (1) Dependence on customer performance

The bulk of the Group's business is the manufacture and sale of seal products and electronic products. In these fields, our major clients are leading domestic and foreign manufacturers of automobiles, construction machinery, and electronic devices. Sales to such client companies may be affected by factors beyond the Group's control, such as the companies' business performance and unforeseen changes in contracts. A decline in sales to such customers may affect the Group's operating results and financial position. The Group aims for a balanced customer portfolio and strives to minimize the risk of sales declines to client companies.

#### (2) Alliances with other companies

The Group engages in various alliances with other companies in developing its business. However, the Group's operating results and financial position may be affected by factors beyond its control, such as the dissolution of such alliances due to the peculiar circumstances of alliance partners.

In particular, since 1960, the Company has been in a capital and technical alliance with Freudenberg in Germany. Freudenberg (including its group companies) has played an important role as a partner company in the business development of our Group.

Freudenberg is currently our largest shareholder, holding 25.1% of outstanding shares of the Company through its investment arm, Freudenberg S.E. The Group recognizes that its alliance with Freudenberg will remain stable going forward. However, should there be a change in the relationship with Freudenberg or Freudenberg's business strategy or some other change, this may affect the business of the Group.

#### (1) Impact of changes in demand trends

Oil seals and other mainstay products of the Group are primarily used in internal combustion engines. Fuel cell and electric vehicles have also entered the automotive market in recent years. Anticipating the future spread of such vehicles, the Group is also promoting R&D into new products that can be installed in the vehicles. At present, however, it is difficult to foresee the impact that the spread of fuel cell and electric vehicles will have on the Group's operating results and financial position.

Moreover, as the trend toward the commoditization of automobiles, construction equipment, electronic device products, and office equipment grows, the number of local manufacturers in emerging countries has increased. Going forward, mounting competition may cause prices to decline, which may affect the Group's operating results and financial position.

#### (1) Impact of exchange rate fluctuations

With overseas sales accounting for roughly 70% of Group consolidated net sales in the fiscal year under review, exchange rate movements in various regions may affect the Group's operating results and financial position. For this reason, we hedge risks by means of foreign exchange forward contracts. However, as such contracts do not necessarily avoid exchange rate risks entirely, exchange-rate fluctuations may have an impact on the Group's operating results and financial position.

### (2) Impact of interest rate fluctuations

The Group raises funds in consideration of the need for funds, the means of funding, and financial conditions. Fluctuations in interest rates on funding stemming from changes in financial conditions may affect the Group's operating results and financial position.

#### (3) Impact of stock market trends

Domestic and overseas stock market trends affect the valuation of investment securities held by the Company and the investment status of the Group's pension assets. A downturn in the stock market could subject investment securities to valuation losses, cause a decrease in pension assets, and increase the Company's burden.

#### (4) Fluctuations in raw materials costs

The costs of steel sheets, synthetic rubber, copper foil, resin films, gold, and other products that are the main raw materials for Group products fluctuate in line with supply and demand. As these fluctuations in raw materials costs are not always immediately reflected in product prices, they may affect the Group's operating results and financial position. Given such fluctuations in raw materials costs, the Group is seeking a broad range of business partners in Japan and worldwide to ensure a stable, continuous supply of raw materials.

#### 2. Risk of loss

#### (1) Impact of legal regulations

The Group is subject to various laws and regulations in the various countries where it operates. We are working to develop internal regulations and manuals that conform to such laws and regulations, foster and thoroughly instill awareness of compliance through various types of education, and build a framework for collaboration with outside experts. However, if such laws and regulations are revised or made more stringent going forward, the additional costs incurred in complying with new regulations may affect the Group's operating results and financial position.

#### (2) Risks related to lawsuits and other legal proceedings

When doing business in various countries, the Group establishes frameworks for Group internal control and collaboration with outside experts and hedges risks by taking out various types of insurance. However, we may become a party to lawsuits, regulatory action, or other legal proceedings. If fines or restrictions on business execution are exacted on the Group as a result of such proceedings, this may affect the Group's operating results and financial position.

#### (3) Impact of intellectual property infringement

The Group guards its proprietary technology by obtaining patent rights and other intellectual property rights, and is also attentive to preventing infringement on the intellectual property rights of third parties. However, if the inability to adequately guard the Group's intellectual property rights due to factors such as disparities in country circumstances results in lower sales or in litigation costs, or if Group products unintentionally infringe on the intellectual property rights of other companies, resulting in the need to suspend sales or pay remuneration, this may affect the Group's operating results and financial position.

#### (4) Impact of environmental regulations

The Group complies with environmental laws and regulations at its various sites and takes necessary measures to address the environmental demands of customers. In the future, however, laws and regulations or customer demands may become more stringent, the Group may bear additional environmental responsibilities, and business activities may be restricted. If responding to such developments incurs a sizable cost, this may affect the Group's operating results and financial position.

# risk

### (1) Political and economic conditions

The Group operates in Japan, North America, Europe, China, and other Asian countries. Therefore, shifts in political and economic conditions in the countries and regions where the Group manufactures and sells products may affect the Group's operating results and financial position.

#### 2 Risk of loss

#### (1) Natural disasters, etc.

The Group's production and distribution activities may be hindered by earthquakes, typhoons, floods, volcanic eruptions, and other natural disasters, fires and other accidents. To prepare against such eventualities, we are striving to minimize business continuity risks by decentralizing production sites and putting safety measures in place. We also hedge risks by means of various types of insurance. However, it may not be possible to entirely prevent or mitigate the occurrence of such events, which may affect the Group's operating results and financial position.

#### (2) Infectious diseases, etc.

To prepare against situations in which an outbreak of infectious disease or other pandemic hinders production and transportation activities, the Group is striving to minimize business continuity risks by decentralizing production sites and putting safety measures in place.

In particular, we have taken various measures to minimize the impact of COVID-19 since its global outbreak in 2020. Measures include drafting a response manual, allowing employees to work remotely and follow staggered working hours, and using remote working tools to create an environment where work can continue. There are signs that the pandemic is subsiding, as countries reassess their handling of the disease. However, if there is a resurgence in new infections or the pandemic is prolonged, the economic or business environment of the Group may deteriorate, which may affect the Group's operating results and financial position. In the event of the spread of infectious diseases, the economic or business environment surrounding our group will deteriorate, which may affect our group's performance and financial position.

#### (1) Impact of information leaks

In the conduct of business, the Group comes into possession of technical information, personal information, and other confidential information. We have established an internal framework and procedures to prevent leaks of such information. However, in the event that information is leaked due to unforeseen circumstances, this may affect the Group's operating results and financial position.

#### (2) Impact of cyberattacks, etc.

Credit risk

The Group makes use of outside organizations and other resources to investigate and implement preventive measures against operational shutdowns, loss of key data, and information leaks due to malicious cyberattacks. However, cyberattacks using unknown methods may affect operations.

#### (3) Impact of product quality issues

The Group manufactures products in accordance with globally recognized quality control standards at its various production sites. However, entirely eliminating product quality defects due to unpredictable causes is difficult. In the event of a product defect that leads to a large-scale recall or product liability, the significant cost of the response and the loss of social credibility may affect the Group's operating results and financial position.

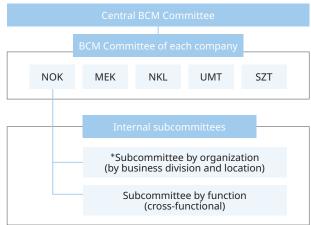
### **Responding to Disaster Risk**

#### Business Continuity Management (BCM) System

Regarding business risks and emergencies, NOK defines natural disasters, fires, explosions, serious accidents and epidemics of infectious disease as "events that interfere with business continuity." The company has established the Business Continuity Management System to ensure business continuity and to promote business continuity activities consistently and effectively should such an event occur.

Specifically, the NOK Group BCM Committee was established as a standing committee to promote business continuity management activities. The management framework consists of the BCM Committee, which is responsible for formulating, maintaining, and updating the business continuity plan (BCP), securing the budget and resources to implement it, implementing preventative measures, conducting education and training, conducting inspections, and engaging in ongoing activities. In the event of an emergency, the Company must immediately set up an emergency response headquarters at the head office and on-site response headquarters at local business establishments. Depending on the situation, relevant departments and divisions will work together to deal with the situation promptly and appropriately.

### < Composition of BCM Committee >



<sup>\*</sup>A subcommittee is established in each segment's BCM Committee

## Planning and Promoting Business Continuity Plans (BCP)

NOK will proceed with business continuity measures based on the following basic policy.

- 1. Give top priority to the protection, rescue and safety of human life.
- 2. As a member of the local community, actively cooperate with the recovery of the whole region.
- 3. Minimize the impact on customers and other

stakeholders, and fulfill responsibilities as a business operator.

Each business site, including domestic and overseas Group Companies, has a plan that outlines policies, systems, and procedures to ensure that important business operations are not interrupted or, if they occur, to be restored as quickly as possible if an unforeseen event should occur. At the same time, the Company verifies the plan's effectiveness through training and responding to identified issues. It also continues to implement measures to minimize damage, improve emergency communication methods and reporting systems, and reinforce the earthquake resistance of our IT infrastructure. We are also working with suppliers to strengthen the business continuity of our supply chain BCM.

## ESG Assessment for New Businesses and Projects

We recognize that when planning new businesses or projects, we need comprehensive evaluations that include ESG perspectives. Besides financial and tax assessments, we look into the corporate culture and business model. We also conduct due diligence focused on ESG factors: climate change, human rights, labor problems, workplace safety and health, compliance, and anti-corruption. We move ahead only after confirming there are no issues.

## Information Security Measures, Cyber Security Strategy

The NOK Group views the leakage of customer and personal information, as well as the threat of advanced cyberattacks, as significant risks. The Risk Management Committee, chaired by the Group CEO and vice-chaired by the Group CFO, consists of members of senior management. It addresses these risks as top management priorities. Based on the results of deliberations and policy, we implement countermeasures through a specialized department (the IT Division led by the Group CIO).

Following the establishment of the NOK Group Information Security Policy, the Central Information Security Committee (led by the Group CIO) and the information committees within each division and Group company systematically implement response measures within their respective organizations. We will continue to apply the PDCA cycle to maintain and improve our information security measures.

In addition, we will actively participate in efforts to strengthen information security across the entire supply chain, including initiatives outside the Group, such as those led by industry organizations.

#### **Information Security Incident Response**

Information security measures and management practices are outlined in the Information Security Management

Regulations, which also define our response procedures in the event of a security incident. In the event of an information security incident, we will promptly report and escalate the incident in accordance with the Information Security Incident Response Standards and will work to contain the impact and ensure a swift recovery. We also conduct annual incident response drills to verify their effectiveness and to enhance our response capabilities. NOK identifies IT service outages caused by cyberattacks as a significant risk to business continuity, and incorporates this thinking into its annual management plans and countermeasures.

#### **Internal Audit**

The Internal Audit Office, which is independent of the business execution divisions, conducts an annual internal control audit of IT and information security.

#### Cyber-attack response and education

The NOKG-CSIRT (Computer Security Incident Response Team) was formed in FY2023 to strengthen cybersecurity measures. It has been developing policies and strategies based on the NIST CSF\*. As for specific implementation items, penetration tests are conducted periodically by an external organization that provides services in compliance with the "Information Security Service Standards" established by the Ministry of Economy, Trade and Industry. The Company also runs vulnerability diagnostics, scoring and responding to vulnerabilities identified. In addition, continuous vulnerability monitoring is conducted by Attack Surface Management to strengthen security.

We also believe it is important for each employee to improve his or her security awareness and skills, and we provide security training. At least once a year, targeted attack e-mail drills are conducted to familiarize employees with how to identify suspicious e-mails that may be the result of cyber-attacks and what to do when they receive them. We also regularly disseminate information on IT knowledge and security information, such as virus countermeasures and telework information management, to raise awareness.

\* The National Institute of Standards and Technology Cybersecurity Framework

## **Protection of Intellectual Property**

The NOK Group has summarized key points regarding intellectual property-related laws in the Behavioral Guidelines on Employee Compliance and works to ensure that all employees are aware of these points. In this way, the Group seeks to apply for and acquire intellectual property rights for our own inventions, as well as respects the intellectual property rights of other companies and strives to prevent infringements of others'rights by researching and identifying the patents belonging to other

companies. We have also set up an Anti-Counterfeit Committee to protect NOK brands and are working to confront counterfeiting overseas. In China, we are detecting plants that manufacture counterfeit products and removing pages selling counterfeit products from online sales sites.

#### **Anti-counterfeit Measures**

Item		Unit	FY2020	FY2021	FY2022	FY2023	FY2024
Exposing counterfeit product manufacturing sites		cases	3	9	8	6	6
Deleting online sales sites		cases	664	5,093	5,284	4,417	4,085
	Domestic	cases	1,267	1,265	1,202	1,379	1,311
Patents held (non-consolidated)	Overseas	cases	1,433	1,729	1,728	1,959	1,841
(non consolidated)	Total	cases	2,700	2,994	2,930	3,338	3,152
Patents held (NOK Group)	Domestic	cases	1,768	1,170	1,666	1,766	1,781
	Overseas	cases	2,112	2,674	2,683	2,772	2,820
	Total	cases	3,880	3,844	4,349	4,538	4,601

## **Tax Policy**

Please refer to the NOK corporate website for details. https://www.nokgrp.com/en/sustainability/esg\_strategy/#8

## Business Overview by Country/Region (FY2023, consolidated)

(100 million yen)

	Number of employees (persons)	Earnings	Earnings before interest tax	Income taxes payable	Income taxes paid
Japan	10,683	4,955.5	512.1	137.2	94.6
China	11,005	5,507.7	101.7	23.9	22.5
Thailand	6,669	1,058.0	80.6	19.3	15.2
Singapore	323	519.3	77.3	5.1	3.9
Taiwan	1,447	390.9	-6.8	0.2	0.2
Vietnam	4,760	360.9	-23.8	2.3	1.9
Rest of Asia	2,027	263.8	6.0	2.9	2.3
Europe, the United States, other	1,183	860.8	-37.3	9.6	9.9

## **Engaging in Initiatives**

### **United Nations Global Compact (UNGC)**

In April 2021, the NOK Group signed the United Nations Global Compact and joined the Global Compact Network Japan (GCNJ). We have participated in a number of study

groups organized by the GCNJ, including those on SDGs, reporting, environmental management, anticorruption, ESG, humanrights due diligence, WEP and the circular economy. We will continue to work toward realizing a sustainable society.



# Task Force on Climate-related Financial Disclosures (TCFD)

In April 2022, the NOK Group embraced the TCFD recommendations, championing this international framework for promoting transparency and accountability in climate change initiatives and policies.



### **Japan Climate Initiative**

The NOK Group joined the Japan Climate Initiative (JCI) in April 2022, joining with a powerful network of likeminded organizations dedicated to tackling climate change through collaboration and innovation.



## **Keidanren Initiative for Biodiversity Conservation**

The Keidanren Biodiversity Declaration Initiative is comprised of companies which are engaged in working on some of the seven items listed in the Keidanren Biodiversity Declaration and Action Guidelines (revised edition) and of companies which support the overall objectives of the initiative. The NOK Group endorsed the Keidanren Biodiversity Declaration Initiative in December 2019 and is tackling the relevant issues in a variety of ways.

## Challenge Zero project by Japan Business Federation

Challenge Zero is a groundbreaking initiative spearheaded by the Japan Business Federation, with the ambitious goal of achieving a decarbonized society and net-zero emissions by the latter half of this century. Companies are invited to submit their innovative challenge themes for realizing a decarbonized society, with the project actively promoting and showcasing these efforts. In February 2020, NOK endorsed the Challenge Zero declaration and has put forth a challenge focused on advancing towards a hydrogen society through the development of advanced components for increased fuel cell adoption.

#### The Ministry of the Environment's Water Project

The Water Project aims to realize a sustainable society by reexamining the relationship between people and water and promoting the utilization and conservation of a healthy water environment through diverse

partnerships between industry, government, academia, and the community. The NOK Group endorsed this initiative in July 2024.



#### The Ministry of the Environment's 30by30 Target

The 30by30 Target refers to conserving at least 30% of land and sea as healthy ecosystems by 2030. The 30by30 Alliance for Biodiversity was established by a group of companies, local governments, and organizations to expand and advance efforts involving

these protected areas in Japan (currently, approximately 20% of land and 13% of marine areas). The NOK Group joined this initiative in April 2025.

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