

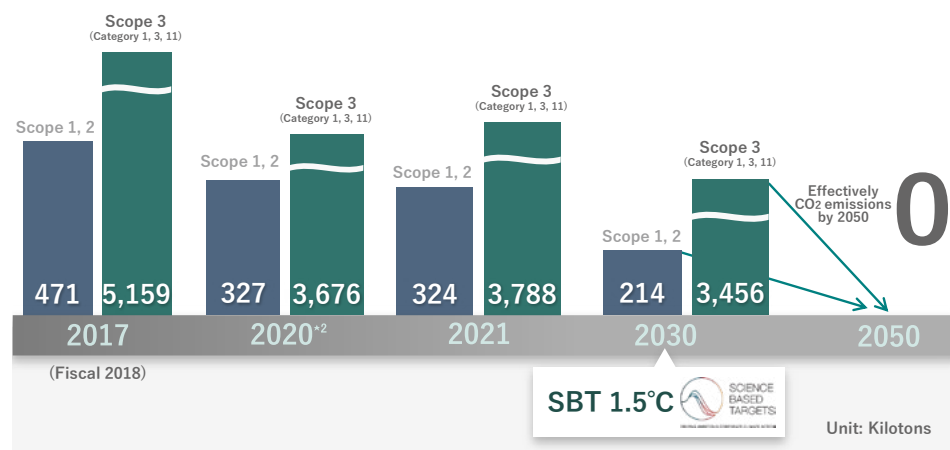
Achievements

SBT

Fiscal 2022 Results

Scope 3 CO₂ emissions increased in fiscal 2022 compared with the previous fiscal year due to an increase in shipments of mobile infrastructure equipment and an increase in the value of raw materials procured as a result of business expansion.

	Fiscal 2022 emissions	Compared with fiscal 2018
Scope 1, 2	324,000 tons	Down 31.1%
Scope 3* ¹	3,788,000 tons	Down 26.6%



*¹ Scope 3 coverage: 35% of Category 1, 100% of Category 3, 100% of Category 11

*² Scope 3 figures for fiscal 2021 (2020 above) were revised due to an error in the figures disclosed for fiscal 2022. We will work to improve the accuracy of Scope 3 disclosures.

Reduction Measures

Scope 1 and 2	Use more LED lighting, upgrade power facilities, optimize hours of air conditioner operation, install additional solar power
Scope 3 Category 1* ¹	Engage suppliers to reduce emissions, share the state of improvements at energy conservation, survey actual conditions
Scope 3 Category 11* ²	Improve energy efficiency through assessments during product development stage

*¹ Scope 3 Category 1: CO₂ emissions of purchased products and services

*² Scope 3 Category 11: CO₂ emissions of sold products

RE100*

In May 2021, NEC joined RE100, which aims for a significant increase in the use of renewable energy globally. NEC aims to use only renewable electricity by 2050. We are moving forward with activities based on a policy of installing solar power generation equipment on roofs wherever possible. We are also procuring more green electricity. In fiscal 2022, 9.5% of the electricity we used was renewable energy.



Bases and Companies with 100% Renewable Energy

Japan	NEC headquarters, NEC Cloud IaaS Data Center, and NEC Solution Innovators, Ltd. headquarters and Shinkiba Center Building
International	KMD A/S (Denmark), NEC Corporation of America (U.S.), and NEC Scandinavia AB (Sweden, Norway, and Finland)

* RE100: This initiative is based on a partnership with the CDP and The Climate Group, an international NGO. It consists of companies that aim to derive 100% of the energy they use from renewable energy.

Renewable Energy Results / Plan

FY	Renewable energy results / Plan (Solar power)
FY2020	NEC Abiko Plant: 1.2MW NEC Platforms Thai Co., Ltd.: 1.4MW
FY2021	NEC Abiko Plant: 0.3MW
FY2022	NEC Platforms Kofu Plant: 1.2MW
FY2023	NEC Platforms Nasu Plant: 0.3MW (Scheduled to start operation) NEC Abiko Plant: 2.6MW (Scheduled to start operation) NEC Platforms Kakegawa Plant: 0.7MW (Plan)
FY2024	NEC Sagami Plant: 0.4MW (Plan) NEC Fuchu Plant: 1.0MW (Plan) NEC Platforms Kakegawa Plant: 0.3MW (Plan) NEC Platforms Otsuki Plant: 0.5MW (Plan)



NEC Eco Action Plan 2025

The NEC Eco Action Plan 2025 is a five-year plan designed to enable the achievement of Course of Action for Climate Change Toward 2050 and NEC Environmental Targets 2030.

To advance environmental management, NEC has defined “priority items,” or specific action plans to achieve the targets, and “management items,” which are geared toward improving the level of activities that do not necessarily require targets and plans.

■ Priority Items

We have selected 11 priority activities based on the following three goals.

1. Reduce own risks and environmental footprint

2. Increase contributions through businesses

3. Build foundations to promote environmental management

1. Reduce own risks and environmental footprint

We aim to reduce our environmental footprint.

Themes				Indicator	Fiscal 2022 results	Fiscal 2026 targets
(1)	Reduction of CO ₂ emissions	In-house	Reduce total emissions (absolute value) (SBT)	Reduction rate of energy-derived CO ₂ emissions (absolute value) (compared with FY2018)	-31.1%	-33.6%
(2)			Expand use of renewable energy	Amount of electric power used from renewable energy	71,714MWh	78,000MWh
(3)		Supply chain	Reduce Category 1 emissions (SBT)	Reduction rate of energy-derived CO ₂ emissions from purchased goods and services (compared with FY2018)	3.0%* ¹	-6.0%
(4)			Reduce Category 11 emissions (SBT)	Improvement rate of product energy efficiency (compared with FY2014 products)	61.0%* ²	90.0%
(5)	Reduce water usage			Reduction rate (compared with FY2019)	-22.7%* ³	-3.5%
(6)	Reduce waste emissions			Reduction rate (compared with FY2019)	661.7%* ⁴	-4.8%

*1: (3) Due to an increase in the procurement of raw materials in tandem with business growth

*2: (4) Due to an increase in CO₂ emissions in accordance with the growth in shipments of mobile infrastructure equipment

*3: (5) Decreased due to measures implemented to reduce water usage, business restructuring, and employees working from home during the pandemic

*4: (6) Due to an increase in waste associated with the dismantling of structures at business sites

2. Increase contributions through businesses

We are clarifying the environmental value of existing businesses and creating solutions that are focused on environmental issues.

Themes		Fiscal 2022 results	Fiscal 2026 targets
(7)	Create a system to expand environmental value (reducing CO ₂ emissions by promoting DX among customers, etc.) and sales from environmental contribution-related business (green revenue, etc.)	Created definition of businesses that contribute to the environment	Define businesses that contribute environmental value; set targets for fiscal 2031
(8)	Manage environmental business assets and encourage eco appeal	Launched website and published 30 solutions for environmental business assets	Update environmental business assets (each year)
(9)	Create new environmental solutions and create new themes for R&D	Conducted one workshop for evaluating environmental businesses	Evaluate environmental businesses Hold workshops

3. Build foundations to promote environmental management

We strive to raise the environmental awareness of each of our employees.

Themes		Indicator		Fiscal 2022 results	Fiscal 2026 targets
(10)	Increase environmental awareness among all employees	Environmental education class completion rate	Japan	98%	95% or more
			International	90%	95% or more

■ Management Items

Areas	Themes	Management contents		Targets
Reduction of own environmental impact	Preventing global warming	1	Reduction rate of energy usage (consumption intensity)	Achieve 1% decrease year on year
		2	Reduction rate of energy usage intensity from logistics	Achieve 1% decrease year on year
	Promoting effective use of resources	3	Zero emissions	Continue to meet target
		4	Amount of paper purchased (copy paper, EDP paper)	Maintain or reduce levels from FY2006 (by subsidiary)
		5	Reuse of collected used products	Achieve reuse rate of 90% or more
	Preventing pollution (air and waste quality)	6	NOx and SOx emissions	Reduce by 1% or more compared with FY2018
		7	BOD and COD emissions	Reduce by 1% or more compared with FY2018
	Reducing chemical substance usage	8	Amount of chemical substances purchased	Reduce by 1% or more compared with FY2018
		9	VOC emissions	Reduce by 1% or more compared with FY2018
Risk countermeasures	Legal compliance (for notification, reporting, and emissions)	10	Chemical substance balance management	Achieve 100% implementation rate
		11	Chemical substance purchasing regulations	Achieve 100% implementation rate
	Compliance with RoHS rules	12	Conformance status of all products	Achieve 100% compliance
	Environmental assessments	13	Preliminary evaluation of chemical substances and new waste/assessment of manufacturing methods	Achieve 100% implementation rate
		14	Environmental assessments when constructing or removing factories and buildings	Achieve 100% implementation rate
Reduction of environmental impact of products and solutions	Hardware products	15	Percentage of devices that do not use brominated flame retardant in their plastic casing	Achieve rate of 95% or more
		16	Percentage of devices that use eco-plastics in their plastic casing	—
		17	Continued acquisition of Eco Symbol Star certification	Achieve 100% implementation rate
	Software products	18	Implementation rate of environmental assessments	Achieve 100% implementation rate
		19	Implementation rate of products subject to environmental impact evaluation	Achieve 100% implementation rate
	Hardware and software	20	Applications for Eco Symbol Star certification	—
		21	Promotion of proposals with eco-related appeal	—
Environmental communication	Transmission of environmental activities information	22	Number of publicity campaigns/activities	—
	Promoting contribution to local communities	23	Number of local community activities	—
Biodiversity	Ecosystem conservation activities on and around business sites	24	Number of measures implemented to preserve biodiversity	Conduct 10 or more activities per year