

NEC's activities for Carbon Neutrality

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NEC Corporation

Purpose

NEC 2030 VISION

Environment

Living harmoniously with
the earth to secure the future

Society

Nurturing prosperous cities with inclusive and harmonious societies
Creating sustainable societies by shaping new industries and
workstyles
Sharing hopes that transcend time, space, and generational
boundaries

Life

Bringing people together and filling
each day with inspiration

Commitment to environmental targets



RE 100

**BUSINESS
AMBITION FOR 1.5°C**



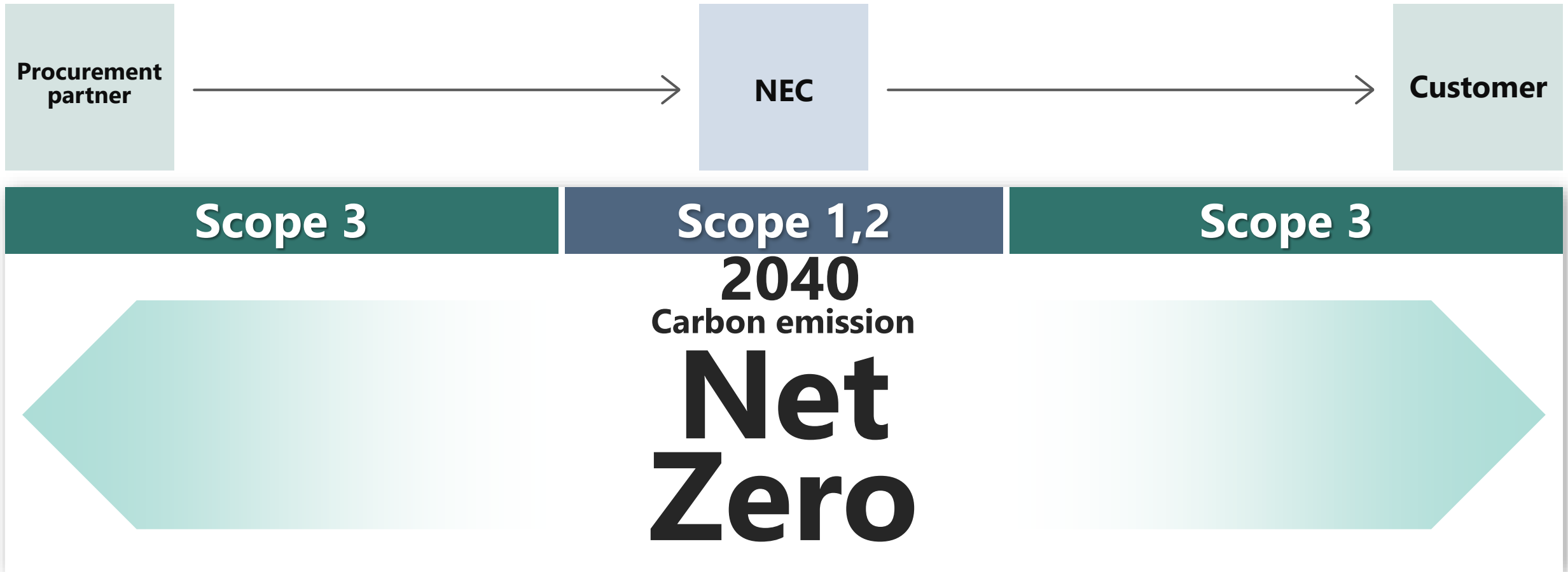
Disclosure of environment- related information



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Reduce CO₂ emissions of entire supply chain to net zero



Scope 1: Direct greenhouse gas emissions from sources owned or managed by the business operator

Scope 2: Indirect greenhouse gas emissions from the use of electricity, vapor, and heat

Scope 3: Indirect greenhouse gas emissions from the entire corporate group (supply chain) excluding those of Scopes 1 and 2

— Scopes 1 and 2 :

Introducing & procurement of renewable energy

● : 1 MW or more
■ : 10 kW or more

Solar Power Generation

NEC Nasu factory
0.3-MW in FY 2021

NEC Fuchu factory
1.0-MW in FY 2023

NEC Otsuki factory
0.5-MW in FY 2024

NEC Kofu factory
1.2-MW in August 2021

NEC Kakegawa factory
0.7-MW in FY 2022
0.3-MW in FY 2023

NEC Sagamihara factory
0.4-MW solar power plant planned
to be introduced in FY2023

NEC Abiko factory
Total ⇒ 4.1MW
1.2-MW in FY 2019
0.3-MW in FY 2020
1.8-MW in FY 2021
0.8-MW in FY 2022



Solar panels installed at the Abiko Plant

Green Electricity

OCC Cable factory

Power Company



Transmit excessive power among the plants

Select renewable energy sources

Scope 3 : Efforts to reduce CO₂ emissions from the supply chain

Procurement
partner

NEC

Customer

Scope 3

Category 1: Purchased products and services

Boost engagement to encourage suppliers to reduce CO₂ emissions

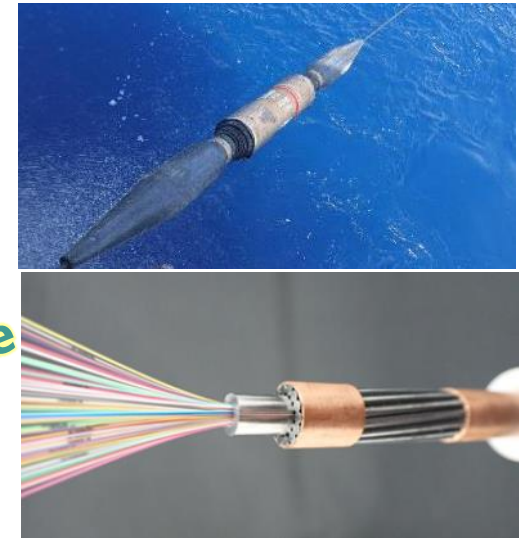
1. Announced NEC's action policy and plan to all suppliers
2. [Supplier survey to know their current status](#)
3. Set a CO₂ emission reduction target by suppliers
4. Achieve CO₂ emission Net Zero in 2040 with suppliers

Scope 3

Category 11: Use of sold products

Supply energy efficient products and solutions

- Energy saving repeater
- Small diameter cable
- MultiCore Fiber Cable



Lower CO₂ emission per cable

\Orchestrating a brighter world

NEC