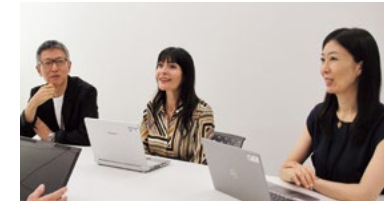


Corporate Initiatives for Sustainability Growth / Green Strategy

[Green Strategy \(Sustainability Report\)](#)

▶ A Green Strategy for Sustainable Growth

Hitachi has developed a green strategy that comprises the two pillars of “GX for CORE” and “GX for GROWTH” as it aims to become a Climate Change Innovator. Promoting GX for CORE and GX for GROWTH in tandem will accelerate the deepening of technology and know-how, allowing Hitachi to continuously improve the environmental value that it offers. Steadily executing this green strategy will accelerate the Hitachi Group’s green transformation (GX) and help contribute to the GX of customers across a range of sectors and to the GX of society as a whole.



▶ GX for CORE

Accelerating the Hitachi Group’s green transformation

Major KPIs for Green Strategy Implementation

Carbon neutrality

Business Sites (Factories and Offices) (by FY2030)
Whole value chains (by FY2050)

Eco-design

Full application for all newly developed products (by FY2024)

Resource circulation

Zero*1 waste to landfill*2 from manufacturing sites (by FY2030)

*1 Less than 0.5% *2 Wherever this is compatible with local conditions and regulations

Decarbonization

- We will introduce energy-saving equipment in production lines as well as introduce and procure renewable energy and other initiatives. We estimate that this will allow us to exceed the CO₂ emission reduction target (50%) for the Mid-term Management Plan 2024 with a 64% reduction by fiscal 2024 (fiscal 2010 baseline).
- Since fiscal 2022, we have introduced the third-party evaluation platform EcoVadis* to procurement partners, strengthening our engagement with those partners.

* A comprehensive corporate social responsibility assessment service platform. We implement evaluations that cover environment, labor & human rights, ethics, and sustainable procurement.

Resource-efficient society and harmonizing society with nature

We are conducting activities to minimize our impact on the environment.

- 357 products were identified as subject of Eco-Design (fiscal 2022).
- We achieved zero waste to landfill at 199 business sites (fiscal 2022).

We use solar power generation at a Hitachi Rail factory (Tito Scalo site, Italy)

An annual 700 MWh or more of power, which makes up 50-60% of the plant’s total energy use, comes from on-site solar panels. This has allowed us to cut 325 metric tons of CO₂ emissions per year.



▶ GX for GROWTH

Contributing to the green transformation of customers and society

Major KPIs for Green Strategy Implementation

Amount of contribution to
CO₂ emission reductions

100 million metric tons/year (FY2024)

Decarbonization

- We contribute to the reduction of CO₂ emissions of customers and society through energy transition, electrification and automation, as well as through the use of digital solutions. As of now, we expect to reach 126.1 million metric tons/year as a three-year average in FY2022-2024 (Mid-term Management Plan period).

Resource-efficient society

- Along with well-known examples like the remanufacturing of air compressors and vacuum cleaners using recyclable plastic, we have recently joined the trial of SEVEN-ELEVEN JAPAN and validate the utilization of used EV batteries.

Trial to reduce the environmental impact of a store with SEVEN-ELEVEN JAPAN (2-chome Hikonari, Misato store)

We developed a mobile storage battery (Battery Cube) with a used EV battery to make effective use of power generation from solar panels installed at the store. We expect energy management combined with in-store energy-saving equipment and air conditioning to reduce purchased power by about 60% and CO₂ emissions by about 70% compared with fiscal 2013.

