

# Advancing Our Environmental Vision and Long-Term Environmental Targets

## Hitachi's Approach

Hitachi's Corporate Credo is to "contribute to society through the development of superior, original technology and products." We seek solutions to environmental issues, which are of serious concern to society, through our business operations and promote environmental management from a long-term perspective. Meeting society's expectations with innovations that mitigate environmental issues also presents major business opportunities.

Guided by our Environmental Vision defining our future environmental goals, in September 2016 we announced a set of long-term environmental targets called Hitachi Environmental Innovation 2050 aimed at achieving a low-carbon society, a resource efficient society, and a harmonized society with nature. To achieve these targets looking toward 2030 and 2050, we promote Group-wide environmental activities in line with our Environmental Action Plan that is updated every three years.

We will make steady efforts to achieve the targets set forth in Hitachi Environmental Innovation 2050 to help resolve environmental issues and to conduct environmental management in a manner that meets the expectations of society.



### Our Impact on Society

GHG emissions throughout value chain

141.49 Mt-CO<sub>2</sub>e



### Our Performance

Reduced CO<sub>2</sub> emissions from products/services

34 % (base: FY 2010)

# The Environmental Vision and Hitachi Environmental Innovation 2050

Policy

As climate change, resource depletion, ecosystem destruction, and other environmental issues grow more serious, the responsibilities and contributions of companies are growing, given the increasing demands and expectations for reductions in the environmental burden of their business activities.

The 2013 *Fifth Assessment Report* of the Intergovernmental Panel on Climate Change (IPCC) concluded that limiting global warming “below 2°C relative to pre-industrial levels” would require “40 to 70% global anthropogenic GHG emissions reductions by 2050 compared to 2010.” The IPCC’s 2018 *Special Report on Global Warming of 1.5°C*, moreover, emphasized that many of the consequences of climate change can be averted if the increase in temperature is maintained below 1.5°C. The 24th Conference of the Parties to the United Nations Framework Convention on Climate Change (COP24) held in December 2018 adopted guidelines for the implementation of the Paris Agreement, which entered into force in 2016. And in addition to climate change, such environmental issues as those involving the water supply, resources, and the ecosystem are being debated around the world.

In response to global demands for a reduced environmental burden, we created a management strategy called the Environmental Vision, which declares, “Hitachi will resolve environmental issues and achieve both a higher quality of life and a sustainable society through its Social Innovation Business in collaborative creation with its stakeholders.” We have clearly stated our aim to achieve a low-carbon society, a resource efficient society, and a harmonized society with nature—the components of a sustainable society—in accordance with this Vision. To guide our efforts toward 2030 and 2050, in September 2016 we established long-term environmental targets called Hitachi Environmental Innovation 2050. We are steadily promoting environmental activities to achieve these long-term goals in line with our Environmental Action Plan, which is updated every three years. Currently, we are further strengthening our environmental activities in working toward the targets of the Environmental Action Plan for 2021 (covering fiscal 2019–21), formulated in line with the 2021 Mid-term Management Plan.

Our environmental strategy, centered on the Environmental Vision and our long-term environmental targets, is deliberated by the Executive Sustainability Committee, chaired by the president and CEO, and advanced by the Hitachi Group as a whole.

## Environmental Vision

**Hitachi will resolve environmental issues and achieve both a higher quality of life and a sustainable society through its Social Innovation Business in collaborative creation with its stakeholders.**

The aim of Hitachi’s environmental management

**Low-Carbon Society**  
Climate Change Mitigation/Adaptation

**Resource Efficient Society**  
Saving and Recycling Resources

**Harmonized Society with Nature**  
Preservation of Ecosystems

## Long-term Environmental Targets

Hitachi’s resolution looking toward 2050 and 2030

# Hitachi Environmental Innovation 2050

For a low-carbon society

Through the value chain CO<sub>2</sub> emissions

FY 2050

80% reduction

FY 2030

50% reduction

(compared to FY 2010)

For a resource efficient society

Build a society that uses water and other resources efficiently with customers and society

Efficiency in use of water/resources

FY 2050

50% improvement

(compared to FY 2010 in the Hitachi Group)

For a harmonized society with nature

Impact on natural capital

Minimized

## Environmental Action Plan

Set environmental action items and targets every 3 years in order to achieve the long-term environmental targets

