

# Environmental Sustainability Vision

## Environmental Sustainability Vision 2050 Updated in Nov. 2021

In recent years, corporations are expected to make long-term, sustained efforts to solve global environmental issues. The Mitsubishi Electric Group's new Environmental Sustainability Vision 2050 defines environmental protection as an even greater corporate priority and stipulates increased initiatives toward this end. It establishes Mitsubishi Electric's future course toward 2050 in the form of the Environmental Declaration, Three Environmental Action Guidelines, and Key Initiatives.

### Environmental Sustainability Vision 2050

**Environmental Declaration**

Protect the air, land, and water with our hearts and technologies to sustain a better future for all.



To solve various factors that lead to environment issues, the Mitsubishi Electric Group shall unite the wishes of each and every person, and strive to create new value for a sustainable future.

**Environmental Sustainability Vision 2050**

**Three Environmental Action Guidelines**

<b>1</b>	<b>2</b>	<b>3</b>
Apply diverse technologies in wide-ranging business areas to solve environmental issues	Challenge to develop business innovations for future generations	Publicize and share new values and lifestyles

**Key Initiatives**

- Climate Change Measures	- Long-term Activities	- Understanding Needs
- Resource Circulation	- Innovation	- Co-create and Disseminate New Values
- Live in Harmony with Nature	- Nurturing Human Resources	- Live in Harmony with the Region

## Apply Diverse Technologies in Wide-Ranging Business Areas to Solve Environmental Issues

The Mitsubishi Electric Group shall utilize diverse technological assets throughout wide-ranging business areas, and across the entire value chain, to solve various environmental issues, including climate change, resource recycling and coexisting harmoniously with nature.

### Key Activities

#### Climate Change Measures

- 1) Promoting and disseminating outstanding energy-saving products, systems, services and renewable energy businesses, together with our stakeholders, we will contribute to reducing greenhouse gases worldwide.
- 2) Respecting the global shift toward decarbonization, we will promote the reduction of greenhouse gases throughout the value chain, from development, design, procurement of raw materials and production through sales, distribution, use and disposal. Our present target is to reduce CO<sub>2</sub> emissions to net-zero by 2050.
- 3) Observing changes in the global environment, we will provide solutions that contribute to minimizing the risks of natural disasters.

#### Resource Circulation

- 1) Reducing the size and weight of products, we will consider the use of recycled materials and recyclability rate of the products and systems we produce.
- 2) Eliminating resource waste throughout the value chain, we will strive to maximize the effective use of resources.
- 3) We will work to expand the supply of safe, clean water globally, as well as to enforce water treatment that does not pollute oceans and rivers.
- 4) We will promote the effective use of water taking the water environment of each region into consideration.
- 5) We will promote resource recycling businesses globally, such as reuse, repair of products/systems and waste reduction.
- 6) We will aim to achieve 100% effective use of wastes, such as plastics, generated during manufacturing processes.

#### Live in Harmony with Nature

- 1) Throughout the Group, we will carry out activities to preserve biodiversity in the mountains, rivers, and oceans, and at all business sites, and promote the development of local environments and human resources to be passed to future generations.
- 2) We will work to control, suppress, substitute, and properly dispose of harmful substances that may affect the natural environment.