

Environmental Vision 2020

At Fuji Electric, we establish environmental visions based on our policy of contributing to society by developing our energy-related business globally, and we are united in tackling environmental issues. In addition, we recently set new targets for the reduction of greenhouse gas emissions.

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Fuji Electric's Material Issues for Environmental Management

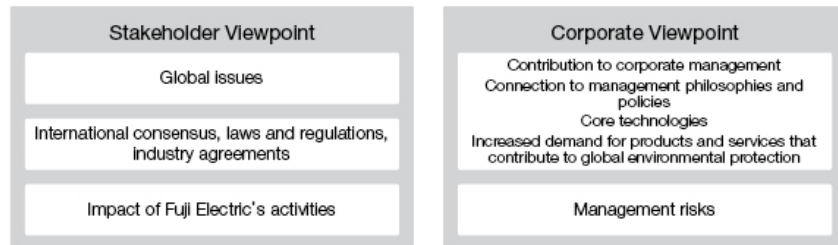
Fuji Electric brought together staff from its management planning, technology development and business divisions to identify and prioritize material issues in promoting environmental management based on our Basic Policies on Environmental Protection, from both stakeholder and corporate viewpoints.

In 2009, we established Environmental Vision 2020 to guide our medium-term activities. The vision sets forth the three important themes below, and establishes specific measures and targets for addressing them.

Material Issues Identified

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|---|--|---|
| 1 Stop Global Warming <ul style="list-style-type: none">· Reduce CO₂ emissions through products· Reduce CO₂ emissions during production | 2 Create a Recycling-Oriented Society <ul style="list-style-type: none">· Promote the 3Rs (reuse, reduce, recycle) in our products.· Reduce waste, use of energy and chemical substances· Efficient use of water resource | 3 Meet Our Corporate Social Responsibilities <ul style="list-style-type: none">· Enhance environmental awareness· Ensure Compliance |
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Viewpoints Incorporated in Identifying Material Issues



Environmental Vision 2020

Our Environmental Vision 2020, formulated in fiscal 2009, designates three important issues: stopping global warming; creating a recycling-oriented society; and meeting our corporate social responsibilities. Focusing on these issues, we aim to achieve a sustainable society by reducing the environmental impact of our manufacturing activities, while also using the electric and thermal energy technologies in which we excel to provide products and technologies.

Our main initiatives under the issue of stopping global warming are to reduce CO₂ emissions during production by 20% in fiscal 2020 compared with the fiscal 2006 level of 381,000 tons, while reducing society's CO₂ emissions by 30 million tons by expanding sales of energy-saving and energy-creating products.

The cutting-edge technology of energy management efforts realized through CO₂ emission reduction activities at our factories will be incorporated into products in order to aid customers in their own CO₂ emission reduction activities.

Meanwhile, we continue to address to two major tasks with regard to production materials as part of our efforts for creating a recycling-oriented society. The first task is to realize overall reductions in the amounts of materials and parts used and waste emitted during production activities. In order to accomplish this objective, we will incorporate the 3Rs into product designs to expand our lineup of environmentally friendly products that use fewer resources, are lighter and more compact and efficient, and allow for easy disassembly and recycling of materials. In addition, we will work to reduce the amount of defective products created during manufacturing processes through quality management activities.

The second task is to achieve zero emissions by improving recycling rates. To address this task, we strive to guarantee that waste is properly separated in order to increase the portion of waste that is recycled and thereby work to reduce the amount of waste sent to final disposal to zero.

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Environmental Management 3-Year Rolling Plan

To achieve the goals of the Environmental Vision 2020, Fuji Electric has formulated an Environmental Management 3-Year Rolling Plan, designed to promote ongoing efforts.

The objectives of the plan are to verify each year that the environmental management strategy is addressing societal changes, and to establish detailed targets in line with the Fuji Electric Basic Environmental Protection Policy in various areas, such as the enhancement of environmental management governance and the establishment of measures to address the use of chemical substances and prevent global warming. Fuji Electric will continually make revisions to the targets and action plans for each fiscal year up to 3 years in advance, and aim to achieve the goals of Environmental Vision 2020 with certainty.



Related Link

[▶ Environmental Management Targets and Achievements](#)

Establishment of New Greenhouse Gas Emission Reduction Targets

The international society is accelerating its effort to combat global warming from a long-term perspective. This trend can be seen in the adoption of the United Nations SDGs, which put forth goals for sustainable development, and the Paris Agreement, an international framework for combating climate change.

Under the Paris Agreement, countries are expected to strive to limit the rise in average temperature to less than 2.0°C above preindustrial levels.

Meanwhile, Japan's Plan for Global Warming Countermeasures targets a 26% reduction in greenhouse gas emissions from fiscal 2013 levels by fiscal 2030 and also contains a long-term target of reducing emissions by 80% from fiscal 2013 levels by fiscal 2050.

Fuji Electric is currently in the process of formulating Environmental Vision 2050, its new medium-to-long-term environment vision, based on these developments. As part of this process, we have set new greenhouse emissions reduction targets.

Fuji Electric's greenhouse gas emissions reduction targets	
2050	<ul style="list-style-type: none"> Reduce greenhouse gas emissions across the supply chain to zero Achieve a reduction in greenhouse gas emissions of more than 80% by 2050
2030	<ul style="list-style-type: none"> Reduce greenhouse gas emissions from production activities by 31% in comparison to fiscal 2013 levels Reduce society's CO₂ emissions by 50 million t-CO₂ a year through products