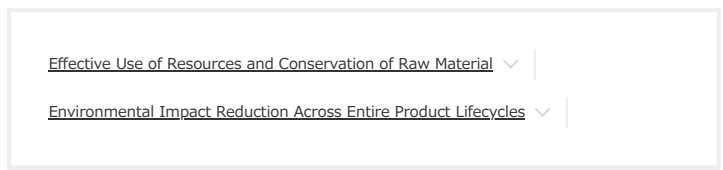


# Initiatives for Reducing Environmental Impact of Products

Based on item 3 of Fuji Electric's Basic Environmental Protection Policy—reduction of environmental burden in business activities—we are implementing initiatives to reduce the environment impact of our production activities. As part of these activities, we are promoting the 3Rs (reduce, reuse, recycle) and pursuing reductions to environmental impacts across the entirety of product lifecycles.



## Effective Use of Resources and Conservation of Raw materials

Fuji Electric's efforts for achieving the efficient use of resources and reductions in use of raw materials entail implementing improvement measures through the methods deemed most effective based on the characteristics of a given factory as part of each factory's efforts for improving environmental conditions based on ISO 14001. The effectiveness of these efforts is verified through assessment by external organizations based on ISO 14001.

To this end, environmental improvement teams, such as those described below, are assembled to set targets and advance initiatives for accomplishing these targets based on ISO 14001.

Design divisions assembled the Product Assessment Subcommittee which examines measures for making applicable products more compact, lighter, and longer lasting as well as for minimizing use of difficult to recycle plastics and eliminating use of hazardous chemical substances.

Manufacturing Divisions assembled the Manufacturing Subcommittee which engages in activities based on the themes of efficiently using raw materials, preventing defective products, reusing and reducing packing materials, and increasing recycling rates through exhaustive waste sorting.

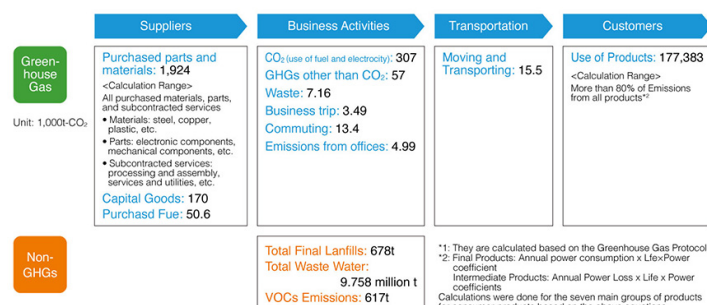
Fuji Electric will continue to pursue improvements through such activities by factories going forward.

## Environmental Impact Reduction Across Entire Product Lifecycles

In accordance with environmental vision 2050, we aim to achieve a recycling-oriented society. In order to achieve it, we design the products to realize the 3R(Reduce, Reuse, Recycle) based on environment-conscious design basis Fuji Electric aims to reduce environment impacts across entire product lifecycles to contribute the customers to solving the environmental issues.

### Main Environmental Impacts\*1 in the Supply Chain in FY2021

From fiscal 2021 a scope of calculation has been expanded in relation to the extent of the impacts attributed to client use of our products.



<b>Contribution to SDGs</b>
<b>ESG Material Issues</b>
<b>Environmental Vision</b>
<b>Environment</b>
Polices, Environmental Vision 2050  Basic Polices on Environmental Protection  Message from the Environmental Officer  Environmental Vision 2050  Approach to Disclosing Climate-related Information In Accordance with TCFD Recommendations  Environmental Management  Environmental Management Organizational Framework  Environmental Management Initiatives  Environmental Achievements  Environmental Management Targets and Achievements  Interplay between Business Activities and Environmental Impact  Environmental Accounting  Environmental data  Third-Party verification  Achieve a Decarbonized Society  Action Plan to Reduce Greenhouse Gas Emissions  Reducing Greenhouse Gas Emissions During Production  Reducing Society's CO <sub>2</sub> Emissions through Products  Target for Reducing Greenhouse Emissions Across the Supply Chain  Recycling-Oriented Society  Reducing Waste in Business Activities  Efficient Use of Water Resources
<b>Initiatives for Reducing Environmental Impact of Products</b>
Society that is in Harmony with Nature  Managing Chemical Substances  Preserving Biodiversity
<b>Society</b>
<b>Governance</b>
<b>ESG Index</b>
<b>Comparison with ISO26000</b>
<b>External Evaluation</b>
<b>Activity Archives</b>
<b>Participation in initiatives</b>

**Case Example: Plastic Recycling Initiatives**

At Hoi Plastics, a subsidiary engaged in the injection molding and processing of plastic products, remnants left over from plastic molding are sorted by material type, turned into pellets by a materials manufacturer, and then recycled into resin material. Some discarded pieces of plastic are also reused in other products after being shredded (the amount reused is managed with reference to a designated percentage). Approximately 140 tons were recycled in 2020.



processing of plastic products

**Fuji Electric Eco-Product Certification System**

Fuji Electric is developing eco-friendly products, which enhance energy efficiency and reduce the use of chemical substances, and environmental contribution products, which help reduce society's overall impact on the environment. We are continuing to promote the spread of these products.

In this initiative, Fuji Electric has established a common Fuji Electric Eco-Product Certification System in July 2011. We evaluate the degree of product eco-friendliness on a Company-wide platform. Products meeting fixed criteria are certified as "eco-products," while those that are at the top of the industry for environmental benefit and contribution, and which are recognized outside the Company at the national level for environmental superiority are labeled "super eco-products."

In 2016, the sales of the eco-products increased to 75.5% of all sold products and overcome the target and we quit totaling the sales amount of ecoproducts. Now we continue to improve the Eco-Product Certification System.



Eco-Product Definitions	
<b>Eco-Friendly Products</b>	Products that have a reduced environmental impact over the entire product lifecycle. These products are superior to traditional products in at least four of six standard areas, including energy conservation, resource conservation, and recyclability.
<b>Environmental Contribution Products</b>	Products that contribute to environmental preservation during use. Products that contribute to the environment by utilizing natural energy or information and communication technology.