

Reducing Waste in Business Activities

In accordance with its Basic Environmental Protection Policy and Environmental Vision 2050, Fuji Electric is promoting the 3Rs (reduce, reuse, recycle) across the supply chain in order to contribute to the realization of a recycling-oriented society. Waste reduction initiatives are one facet of this undertaking.

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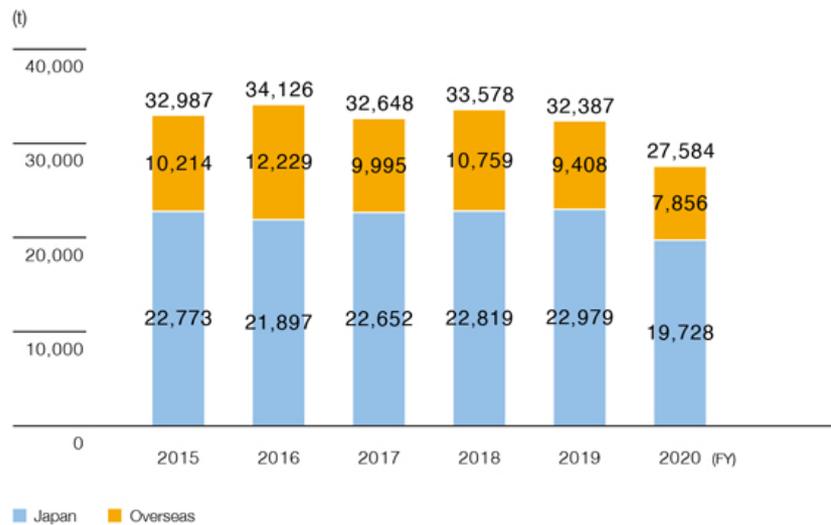
Fuji Electric strives to reduce total waste volumes, promote recycling, and decrease the amount of waste sent to landfills. To this end, we are creating increasingly compact and lightweight products, employing designs that do not include regulated substances, and working to decrease the number of defective products at the manufacturing stage through quality management initiatives. In these efforts, the Company targets zero emissions, defined as a final waste ratio (amount sent to landfills as a percentage of total waste generated) of 1% or less.

In Japan, we have achieved zero emissions continuously since fiscal 2004 through the efficient use of resources (reduce, reuse, recycle). In fiscal 2020 we generated large volumes of slag owing to an overhaul of our smelting furnace, which in turn led to an increase in the amount of landfill waste. Accordingly, our final waste ratio (Japan only) was 0.62%, higher than our target of 0.5%. In fiscal 2021 we expect to achieve this target because we have decided on a course of action to recycle the slag we generate.

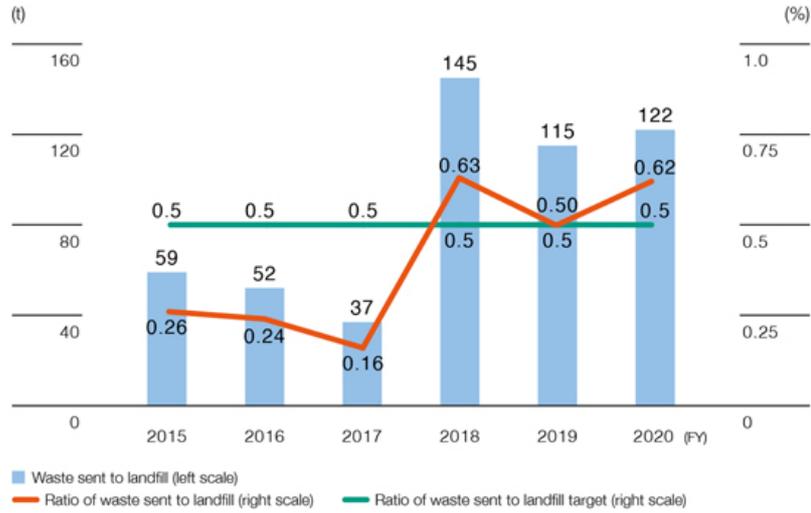
Overseas, we have made progress on recycling year by year and as a result, our final waste ratio has dropped. In fiscal 2020, however, due to the impact of COVID-19, recycling operators temporarily ceased operations, which meant that inorganic sludge normally recycled into raw material for cement had to be sent to landfills. As a result, our final waste ratio of 4.7% fell short of our 3.0% target. We note that our sludge recycling operations have now returned to pre-pandemic levels.

In fiscal 2020 our Company-wide final waste ratio came to 1.8%, thus meeting our 2.0% target. Going forward, we will continue to work towards achieving a Company-wide final waste ratio of less than 1% by the year 2030.

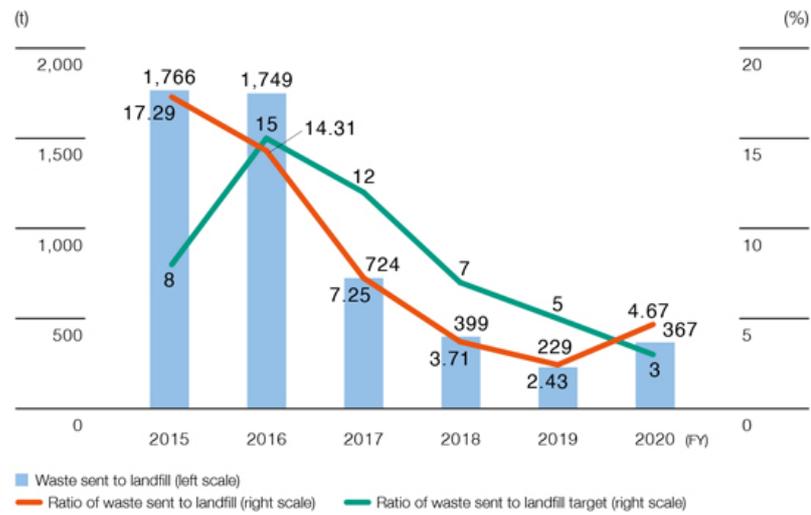
Amount of Industrial Waste



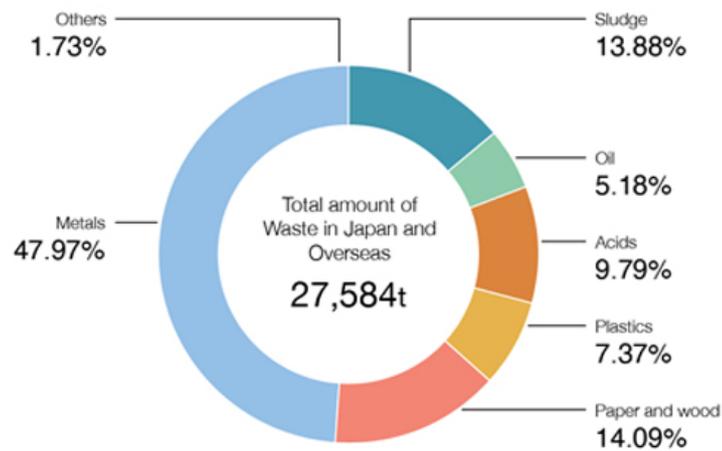
Amount and Ratio of Waste Sent to Landfill in Japan



Amount and Ratio of Waste Sent to Landfill Overseas



Composition of Waste Generated in FY2020



Composition of Waste Sent to Landfill in FY2020

