

Initiatives for Effective Use of Resources

Basic Approach

The MinebeaMitsumi Group recognizes that there are limits to the availability of resources used in its products, which include metals, plastics, and other raw materials, along with oil, natural gas, and other energy sources. Additionally, with regard to rare earth elements indispensable to the manufacture of electronics, since the number of countries producing and exporting the materials is limited, they are more susceptible to export restrictions.

We believe that the effective use of resources is critical to the continuation of our business activities, and to that end we are taking various measures.

Results of FY2018 Initiatives

In FY2018, principal raw materials used by the MinebeaMitsumi Group included approximately 102,966 tons of steel and 17,850 tons of resin, and the total amount of materials used increased about 2% compared with FY2017.

The amount of landfill waste generated by the Group's operations in FY2018 totaled 1,635 tons, increasing 56 tons compared to FY2017.

At our mass production plants in Thailand and China, we are recycling water inside the plants to the greatest extent possible and prevent external emissions through our "Plant Wastewater Zero System."

Water emissions from Group plants in FY2018 totaled 3,548,735 m³, an increase of 59,391 m³ compared with FY2017.

building (a three-story structure) is scheduled for completion in February 2020.



Concrete is ground up by a Galapagos crusher (September–October 2018)



Ground concrete reused as gravel (white areas) (September–October 2018)

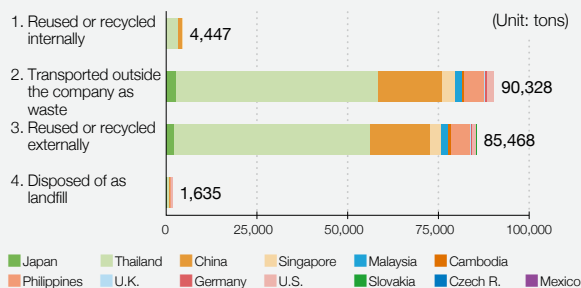
Action to Reduce Waste Plastic (Cambodia)

Waste collection, separation, and disposal are becoming a major social issue in Cambodia, which has inadequacies in its social infrastructure and education system. The Cambodia plant started initiatives to reduce plastic waste at its cafeteria, one of the first to do so in Cambodia.

Approximately 9,000 local employees undertook bottom-up measures with high environmental awareness, changing the sale of fruits at its cafeteria from using disposable plastic bags to reusable plastic plates in March 2019. This reduced plastic bag use by approximately 160,000 bags—or a weight of 312 kg—per month. Going forward, the use of bamboo straws and reusable plastic cups is also being considered, with plans to further reduce plastic waste by 100,000 units per month.

Plastic waste was also raised as an important theme at the G20 Osaka Summit (held in June 2019), and it is becoming a global social issue. MinebeaMitsumi shares the success story at Cambodia with the entire Group, and the approximately 100,000 employees unite as one to undertake waste plastic reduction.

Waste Processed (FY2018 Actual)



Plant Initiatives

Reuse of Waste Materials Generated at Reconstructed Plants (Japan: Akita Business Division)

When reconstructing a building, the Akita Business Division finely ground up the concrete used in the foundations of the old building and reused it as gravel at the site. The new

Future Issues and Goals

For FY2019, the Group's goal is to reduce the amount of waste sent to landfill by 12% per basic unit of production compared with FY2015.

In addition, we are presently conducting a survey of the current situation, and market analysis, of waste products disposed of as landfill with the aim of achieving still further reductions in the future.



Sale using plastic bags

Sale using reusable plastic plates