

# Environmental Management

## Basic Approach

The MinebeaMitsumi Group has established an environmental management system based on the MinebeaMitsumi Group Environmental Policy, and all Group companies are striving to contribute to the protection of the earth's environment and the sustainable development of human kind.

As examples of specific initiatives in this regard, we adopted highly energy-efficient equipment and processes and plan to reduce total Group CO<sub>2</sub> emissions per basic unit of output by 15% by FY2020 compared with the baseline year of FY2015.

In FY2017, we set a target of reducing CO<sub>2</sub> emissions per basic unit of production by 6% compared with the baseline year of FY2015, but unfortunately, the reduction was only 1%. We believe that the decrease was limited because CO<sub>2</sub> emissions rose in conjunction with the business integration and the scope of effects on production from exchange rates was greater than the results of measures to reduce emissions.

We are also strengthening initiatives to minimize waste materials and wastewater from our plants in order to effectively utilize raw materials and water resources. We also make contributions to the environment through our products, including the active development of communications control technologies, sensors and new materials which are central to energy management in highly efficient motors, lighting, and energy conversion devices, as well as "smart" buildings, plants, and urban residential environments.

## Environmental Management System

### Environmental Management Structure

In order to carry out the MinebeaMitsumi Group Environmental Policy, the MinebeaMitsumi Group has an environmental management structure headed by the Board of Directors and the President and Chief Executive Officer. We also have an Environment Management Committee, a promotion organization composed mostly of executive officers, and a Group Environmental Protection Committee, which is staffed by working-level members. This structure enables rapid implementation of environmental policy. Each work site also has a Plant General Manager of Environmental Management and a Manager of Environmental Management who promote specific environmental conservation measures at plants and offices.

### ISO 14001 Certification

The MinebeaMitsumi Group is promoting the acquisition of ISO 14001 certification at each of its major sites worldwide. For newly constructed and recently acquired plants, we have begun environmental management activities based on the certification acquisition plans. Mitsumi Electric, which was added to the Group in January 2017, also acquired ISO 14001 certification at all of its plants in Japan and overseas.

Furthermore, in response to the September 2015 edition of the ISO 14001 standard, all plants and offices plan to complete the transition to certification under the 2015 standards by September 2018.



On-site ISO 14001 audit (Cambodia Plant)

## Environmental Education

### Basic Approach and FY2017 Initiatives (Japan)

The MinebeaMitsumi Group provides fundamental environmental management education to all new employees, midcareer hires, trainees, returnees from overseas assignments, and other employees in order to raise the environmental consciousness of each employee.

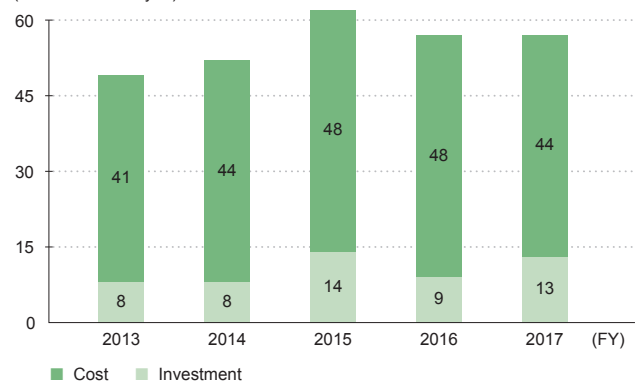
Additionally, all employees received environmental management education covering the MinebeaMitsumi Group Environmental Policy, along with each site's environmental targets and action plans. Educational programs also covered waste separation and training drills for responding to emergencies.

## MinebeaMitsumi's Environmental Accounting

The MinebeaMitsumi Group conducts environmental accounting to confirm its costs for environmental protection activities. The Japanese Ministry of the Environment's Environmental Accounting Guidelines 2005 is used as a reference. The MinebeaMitsumi Group's environmental conservation costs totaled 5,694 million yen in FY2017, approximately the same amount as in FY2016.

### Environmental Protection Costs, FY2013–FY2017

(Unit: 100 million yen)



Initiatives to Protect Biodiversity

Basic Approach

In the MinebeaMitsumi Group Environmental Policy, the item “contribution to the international community” states that we recognize that our business activities may have an effect on biodiversity and ecosystems, and that we will work to conserve nature.

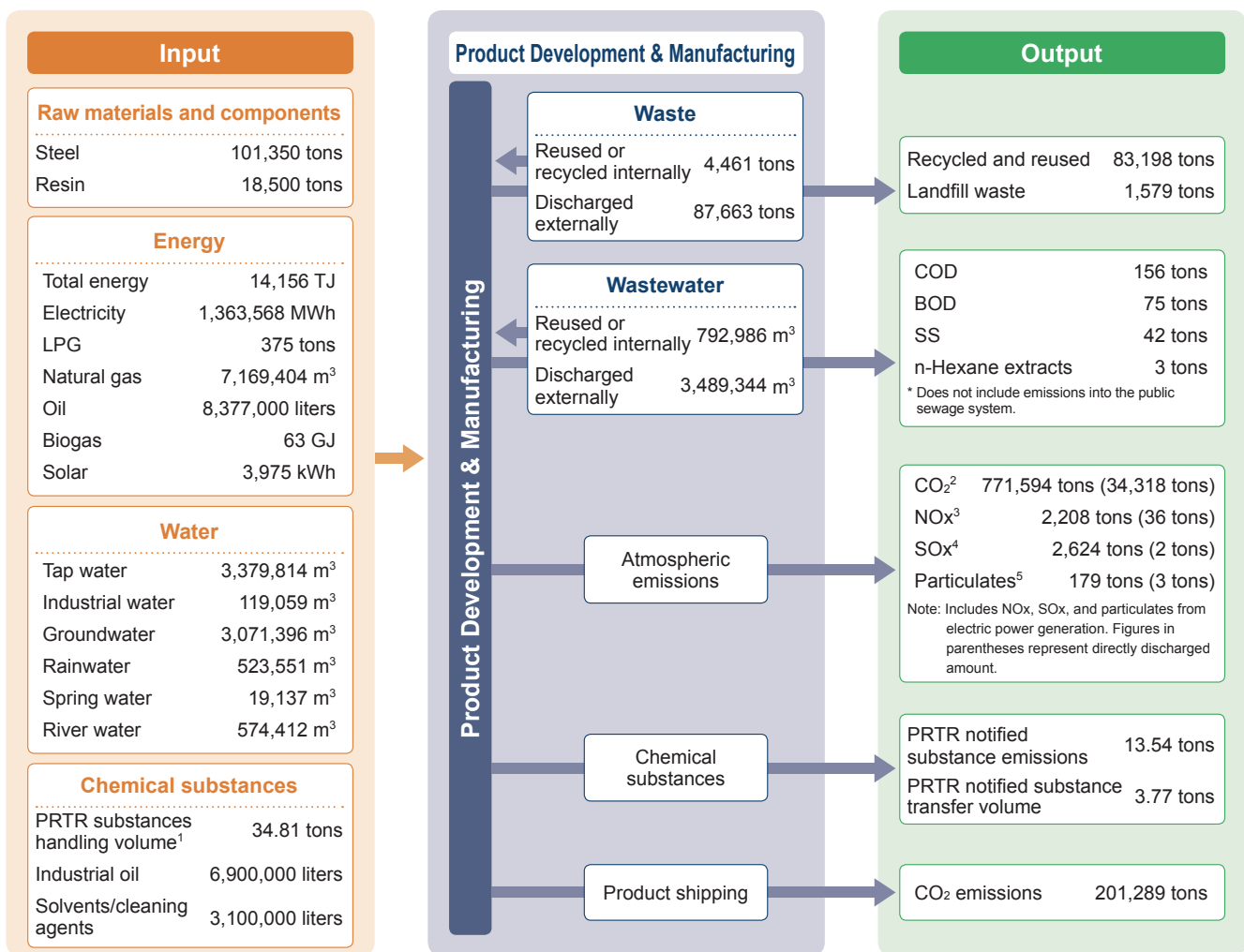
MinebeaMitsumi’s Environmental Impact

The MinebeaMitsumi Group has plants in 17 countries around the world, manufacturing and selling a range of products including bearings—our main product—as well as machined components, electronic devices, and rotary components. When environmental impact is viewed in terms of the ratio of total production by region to sales, Asia (excluding Japan) is estimated to account for approximately 80% of the MinebeaMitsumi Group’s consumption and output.

In FY2017, total energy increased by approximately 5%, and industrial oil consumption increased by approximately 1%, while consumption of solvents and cleaning agents decreased by approximately 22%.

The Group’s environmental impact for FY2017 is summarized below.

Input and Output (FY2017 Actual)



1. PRTR chemicals: Substances included in the PRTR law (The Chemical Substance Control Law/Domestic Japanese Law), for which companies must register and report volumes released and transferred. The figures shown are those reported to authorities.  
 2. CO<sub>2</sub>: Carbon dioxide  
 3. NO<sub>x</sub>: Nitrogen oxides  
 4. SO<sub>x</sub>: Sulfur oxides  
 5. Particulates: Microscopic solid matter contained in exhaust gas generated through combustion, heating, or chemical reaction