



Accelerating the introduction outside Japan

Efforts to reduce CO₂ emissions through energy saving

At COP21 in 2015, Paris Agreement was adopted as an international framework to prevent global warming. Indicating the need to limit the temperature increase by the end of the 21st century to less than 1.5 degrees Celsius, this agreement sets a target of keeping a global temperature rise from the pre-industrial level below 2 degrees Celsius.

Prevention of global warming is a significant theme for the Sumitomo Electric Group as well. As an example of our efforts for the prevention on a global scale, this report presents the energy saving activities of three of our affiliates based in Wuxi and Suzhou, China.



WIN-W
Sumitomo Electric Wintec(Wuxi) Co.,Ltd.
 Production item: Magnet wires for coils
 Number of employees: 397



SPW
Sumiden Powder Metallurgy (Wuxi) Co., Ltd.
 Production item: Sintered products
 Number of employees: 755



SPEC
Sumitomo Electric Photo-Electronics Components (Suzhou), Ltd.
 Production item: Optical devices and optical transceivers
 Number of employees: 664

China

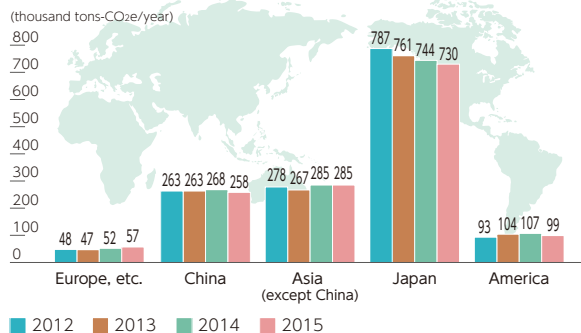
Energy saving activities are expanded across the sea to meet the targets in VISION 2017

Global development of energy saving activities

In Paris Agreement, the target is set in a way to ensure that greenhouse gas emissions are reduced to a level that can be absorbed by the global ecosystem by the second half of the 21st century.

For the Sumitomo Electric Group, prevention of global warming is linked with energy saving activities and is also a significant subject that can generate business opportunities. In the quantitative indicators specified in line with the mid-term management plan VISION 2017, we aim to reduce total greenhouse gas emissions from all of our domestic and overseas establishments by 5% from the FY2012 level. We also promote energy saving activities to meet the target of reducing energy consumption per unit of sales in manufacturing sites by 20% from the fiscal 2012 level in fiscal 2017.

Greenhouse Gas Emissions from the Global Operations of the Sumitomo Electric Group by Region

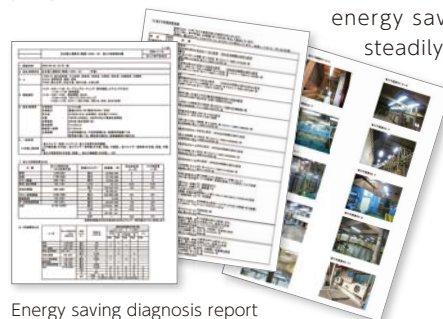


The slogan is “reduction of 4% with the effects of ideas for energy efficiency improvement”

Production activities of the Sumitomo Electric Group are growing overseas, especially in Asia. Since energy efficiency in such countries tends to be lower than that in Japan, it is an urgent task to introduce ideas obtained through energy saving activities in Japan into them. To improve the effects of our efforts, we launched the energy saving diagnosis program in 2008 and, since 2009, have conducted it in overseas establishments as well.

In the energy saving diagnosis program, we identify ideas on various aspects, such as change of the production conditions, improvement of quality and productivity and reduction of failures, under the slogan of “reduction of 4% with the effects of ideas for energy efficiency improvement,” and visit and inspect major sites to enhance their energy saving activities. Each division works together with Manufacturing Management & Engineering Unit in the program. Following pages present field reports on local

energy saving activities steadily developed in three of our Chinese affiliates.



Energy saving diagnosis report

