

Initiatives against Environmental Pollution



Mitsui & Co. bases its environmental policy on compliance with environment-related laws and regulations. In particular, we engage in initiatives that lead to the reduction of water and soil contamination and the reduction of the quantity of chemical substances released into the atmosphere, with the aim of reducing or preventing pollution.

Initiatives by Mitsui & Co.

Activity

SDGs: 3.9, 6.3, 12.4, 14.1

Aim	Initiatives
Prevention of atmospheric pollution through the detoxification of exhaust gas	As a distributor, Mitsui & Co. Plastics, one of our consolidated subsidiaries, is building and expanding a nationwide network of sales and logistics locations and infrastructure for AdBlue®, which converts the nitrogen oxides contained in exhaust gases from trucks and buses into harmless water and nitrogen.
Water treatment	Proper treatment of water used at mining operations has been effectively carried out.
Reduction of atmospheric pollution from transportation vessels	We are updating our fleet, including increased orders for vessels with substantially lower SOx and NOx emissions.
Reduction of soil pollution through the optimization of fertilizer usage quantities	We are stabilizing soil quality and reducing soil pollution by using digital technology to ensure the appropriate application of fertilizers. Examples include the use of satellite images to analyze vegetation and monitor farmland topography, the use of yield trends and soil analysis results in digital mapping and fertility analysis, automatic fertilizer application from tractors, and timely system-based monitoring of fertilizer applications.

Participation in Ocean Pollution Prevention Initiatives, Clean Ocean Material Alliance (CLOMA)

CLOMA was established in January 2019 to find solutions to the emerging global challenge of marine plastic debris through the sustainable use of plastic products, the development and introduction of alternative materials, and the acceleration of innovation. Mitsui is one of the 26 secretary companies. As of August 9, 2019, 250 companies and organizations have joined CLOMA, including Mitsui's consolidated subsidiaries namely Mitsui & Co. Plastics Ltd., Mitsui Bussan Chemicals Co., Ltd., and Mitsui Bussan Packaging Co., Ltd.

Participation in a Circular Economy for Flexible Packaging (Ceflex)

Ceflex is the collaborative initiative of a European consortium to develop and apply robust design guidelines for implementing a circular economy for flexible packaging and measures for collecting, sorting and recycling. Mitsui is one of more than 120 companies participating in the consortium, where the companies represent the entire value chain of flexible packaging.

Initiatives to Reduce and Prevent Pollution—Actions Relating to Radioactive Substances

A wholly owned subsidiary of Mitsui in the United States purchases and sells uranium concentrate. However, the scale of business is extremely limited in terms of value and quantities handled when seen in the context of Mitsui's overall business operations, and furthermore, the materials are not physically relocated and do not leave the storage facility. The storage contractor to which the materials are entrusted has been licensed by the U.S. Nuclear Regulatory Commission (NRC) to handle radioactive materials and ensures that the employees in its storage facility maintain strict compliance with NRC standards concerning the management of radioactive materials and the risk of exposure. The storage contractor also undergoes regular inspections by the NRC. On this basis, we believe that the risk that uranium concentrate owned by Mitsui's subsidiary will damage the local environment or cause exposure is quite limited. All of the uranium concentrate handled is intended solely for peaceful, civilian purposes such as power generation, and is compliant with all NRC regulation. It should be noted that Mitsui and its subsidiary rigorously ensure compliance with NRC management standards (including those for nuclear waste) in handling the materials, but no nuclear waste is handled whatsoever.