

Realizing a Carbon-Neutral Society

Formulated a grand design to achieve carbon neutrality by 2050

- The Sumitomo Chemical Group*1 commits itself to achieving carbon neutrality by 2050, and has established measures to reduce its greenhouse gas emissions by 50% by 2030 compared to the level of emissions in fiscal 2013. We will accelerate reductions in greenhouse gas emissions by approaching the issue from the perspectives of both obligations to reducing our own greenhouse gas emissions and contributions to global society through our products and technologies.

▶ Grand Design toward Achieving Carbon Neutrality 


▶ Specific Initiatives for “Obligation” 

▶ Specific Initiatives for “Contribution” 

Promoting Sumika Sustainable Solutions

- We are promoting “Sumika Sustainable Solutions (SSS)”, an initiative to designate products and technologies that contribute to global warming countermeasures and environmental impact reduction. The total sales of products and technologies designated under this initiative have reached 554.3 billion yen in fiscal 2024 (consolidated). In addition, the utilization of SSS-designated products and technologies in fiscal 2024 resulted in a total greenhouse gas (GHG) reduction of 6.6 million tons of carbon dioxide equivalent (CO₂e), with technology accounting for 2.9 million tons and final products accounting for 3.7 million tons.

“Sumika Sustainable Solutions” Main Products and Technologies

▶ <https://www.sumitomo-chem.co.jp/english/sustainability/management/promotion/sss/products/> 

Realizing the Recycling of Plastic Resources and Solving Plastic Waste Problems

Practical application of plastic mechanical and chemical recycling

- We set a KPI for the amount of recycled plastic resources used in manufacturing processes, targeting 200,000 tons annually by 2030.
- To realize the recycling of carbon resources, beginning with plastics, we approach the plastic value chain at each level from the perspective of the 3Rs (reduce, reuse, recycle). Some related technologies have been selected by the Green Innovation Fund Project,*2 accelerating their technological development.

Conducting social contribution activities


- Since fiscal 2020, we have continued to provide education and raise awareness about resource recycling to all management executives and employees in the Sumitomo Chemical Group. In fiscal 2024, we carried out a total of 70 social contribution activities, such as cleaning up areas surrounding our business sites and cleaning up neighboring waterways and coasts.

Participating in various alliances

- Our participation in these alliances entails addressing broad social issues that would be difficult to solve alone.

**ALLIANCE
TO END
PLASTIC
WASTE** 



▶ Participation in Initiatives 

Management of Chemical Substances and the Promotion of Risk Communication

Reviewing Safety Information on Chemicals and Conducting Risk Assessments

- We publicly release safety information as GPS/JIPS Safety Summary (GSS) and steadily revising the summaries. In fiscal 2024, we added 13 Chinese-language summaries. (https://www.jcia-bigdr.jp/jcia-bigdr/en/material/icca_material_list)

LRI*3 Initiatives

- Promoted research by actively participating in the LRI program implemented by the Japan Chemical Industry Association as a member of the steering committee and research strategy planning group.

Enhancing Information Disclosure and Risk Communication

- Published the Integrated Report, Sustainability Report, the Report on the Environment and Safety (at all worksites), local PR newsletters, etc., made information publicly available on the official website, made school visits, accepted student interns, and engaged in dialogue with local residents.

*1 Sumitomo Chemical and its consolidated subsidiaries in Japan and overseas

*2 To realize carbon neutrality by 2050, the Ministry of Economy, Industry and Trade created a 2 trillion yen fund in NEDO. These projects continuously support companies committed to ambitious targets pertaining to everything from research and development to pilot testing and practical application over a 10-year period.

*3 Long-range Research Initiative: Long-term support for research into the effects of chemical substances on human health and the environment