

# Environmental Activity Goals and Results

Goal achieved or steadily progressing: ○ Goal not achieved: △

Items	Boundary	Goals	Fiscal 2024 Results	Evaluation	
Climate Change Mitigation and Adaptation	Greenhouse gas emissions Scope 1+2* <sup>1</sup>	Sumitomo Chemical Group Consolidated	Reduce 36% compared to fiscal 2020 levels by 2030 (Reduced 50% compared to fiscal 2013 levels)	Reduced 25% relative to fiscal 2020 (Reduced 42% relative to fiscal 2013)	○
	Scope 3* <sup>2</sup>	Sumitomo Chemical Group Consolidated* <sup>3</sup>	Reduce 14% relative to fiscal 2020 for categories 1 and 3* <sup>4</sup> by fiscal 2030	Reduced 26% relative to fiscal 2020	○
	Unit energy consumption* <sup>5</sup>	Sumitomo Chemical Group Consolidated	Improve more than 3% over the three years of the Corporate Business Plan (using fiscal 2021 as the base year for fiscal 2022–2024).	Improved 15% relative to fiscal 2021	○
	Unit energy consumption in the logistics division	Sumitomo Chemical and Group companies in Japan* <sup>6</sup>	Improve over 1% per year on average over five years	Worsened by an annual average of 0.5% over five years	△

Note: Further details on goals based on the Act on the Rational Use of Energy and results are provided in the [supplementary data \(page 7\)](#).

\*1 Scope 1: Direct greenhouse gas emissions from operators themselves (fuel burning and industrial processes), Scope 2: Indirect emissions from purchases of power and heat from outside the factory

\*2 Scope 3: Emissions from the manufacturing and transportation of purchased raw materials

\*3 Calculated for Sumitomo Chemical and Group companies listed on stock indices in Japan (Sumitomo Pharma Co., Ltd.; Koei Chemical Co., Ltd.; Taoka Chemical Co., Ltd.; and Tanaka Chemical Corporation).

\*4 Category 1: Purchased goods and services, Category 3: Fuel and energy activities not included in Scopes 1 or 2

\*5 Energy consumption divided by consolidated net sales

\*6 Within the scope of specified shippers according to the definition stipulated under the Act on the Rational Use of Energy

Goal achieved or steadily progressing: ○ Goal not achieved: △

Items	Boundary	Fiscal 2024 Goals	Fiscal 2024 Results	Evaluation	Fiscal 2025 Goals	
Contribute to Recycling Resources	The amount of recycled plastics utilized in manufacturing processes	Sumitomo Chemical and Group companies in Japan/Overseas	200k tons/year by 2030	Approximately 11,440 tons	—	200k tons/year by 2030
	Promoting the waste recycling and reuse	Sumitomo Chemical and Group companies in Japan	Improve the waste recycling and reuse rate* <sup>7</sup> by 5% or more relative to fiscal 2020 by fiscal 2025.	Worsened 18% relative to fiscal 2020	△	Improve the waste recycling and reuse rate by 5% or more relative to fiscal 2020 by fiscal 2025.
		Group companies overseas	Improve the waste recycling and reuse rate* <sup>7</sup> by 5% or more relative to fiscal 2020 by fiscal 2025.	Improved 6% relative to fiscal 2023	○	Improve the waste recycling and reuse rate by 5% or more relative to fiscal 2023 by fiscal 2025.
	Reduce the amount of waste sent to landfills	Sumitomo Chemical and Group companies in Japan	Maintain waste volume at below fiscal 2020 levels to fiscal 2024	Reduced by 20% relative to fiscal 2020	○	Maintain waste volume at below fiscal 2020 levels to fiscal 2025

\*7 Waste recycling and reuse rate: (amount internally and externally reused + Amount of internally and externally recovered heat) / Waste emissions

Goal achieved or steadily progressing: ○ Goal not achieved: △

	Items	Boundary	Fiscal 2024 Goals	Fiscal 2024 Results	Evaluation	Fiscal 2025 Goals
Sustainable Use of Natural Capital	Severe environmental accidents	Sumitomo Chemical and Group companies in Japan	0	0	○	0
	Effective use of water resources	Sumitomo Chemical	Promote effective and efficient use of water resources	Reduced usage 4.1% relative to fiscal 2023	○	Promote effective and efficient use of water resources
		Group companies overseas	Improve unit water consumption by at least 1% on average by fiscal 2025 (FY2020 level as baseline)	Improved 28.2% relative to fiscal 2020	○	Improve unit water consumption by at least 1% on average by fiscal 2025 (FY2020 level as baseline)
	Prevention of soil and groundwater contamination	Sumitomo Chemical and Group companies in Japan	Keep hazardous materials strictly within Company premises*1	0	○	Keep hazardous materials strictly within Company premises: Controlled on the premises.
	Addressing fluorocarbons	Sumitomo Chemical and Group companies in Japan	<ul style="list-style-type: none"> <li>Eliminate the use of refrigeration units that use CFCs as coolants by fiscal 2025</li> <li>Eliminate the use of refrigeration units that use HCFCs as coolants by fiscal 2045</li> </ul>	Systematically replaced refrigeration units that use CFCs and HCFCs as coolants	○	Plan equipment upgrades to eliminate all use of CFC and HCFC coolants in refrigeration units by fiscal 2025 and fiscal 2045, respectively
	Prevention of air and water pollution	Sumitomo Chemical	Meet voluntary management criteria*2	0	○	Meet voluntary management criteria
	Addressing PRTR	Sumitomo Chemical and Group companies in Japan	Keep total emissions from Group companies in Japan below the fiscal 2015 level	Reduced 25.4% relative to fiscal 2015	○	Keep total emissions from Group companies in Japan below the fiscal 2015 level
	Reduction of VOC emissions	Sumitomo Chemical	Maintain VOC emissions reductions at 30% relative to fiscal 2000	Reduced emissions by 71% relative to fiscal 2000	○	Maintain VOC emissions reductions at 30% relative to fiscal 2000
Conservation of biodiversity	Sumitomo Chemical	Ensure compliance with "The Sumitomo Chemical Group's Commitment to the Conservation of Biodiversity"	Participated in biodiversity conservation initiatives through the nature symbiosis website promoted by the Ministry of the Environment	○	Ensure compliance with "The Sumitomo Chemical Group's Commitment to the Conservation of Biodiversity"	

\*1 Keep hazardous materials strictly within Company premises: Controlled on the premises.

\*2 Voluntary management targets that are stricter than the mandated levels and criteria of relevant laws and regulations, including agreements reached with local authorities.

#### ► Environmental Data

Sumitomo Chemical's manufacturing sites and the production plants of major consolidated subsidiaries (21 companies in Japan and 32 companies overseas)

Principal consolidated Group companies, which account for up to 99.8% of Sumitomo Chemical's consolidated net sales for "Energy consumption and greenhouse gas emissions" (refer to "[Climate Change Mitigation and Adaptation](#)" on page 6).

#### Sumitomo Chemical

**Sumitomo Chemical:** All production sites of Sumitomo Chemical Co., Ltd.

#### Sumitomo Chemical (all worksites):

All production and non-production sites of Sumitomo Chemical Co., Ltd.

#### Group Companies in Japan

Sumika-Kakoushi Co., Ltd.; Sumika Plastech Co., Ltd.; Nippon A&L Inc.; Sumika Kowa Tech Co., Ltd.; Asahi Chemical Co., Ltd.; Ceratec Co., Ltd.; Sumika Assembly Techno Co., Ltd.; Sumika Agro Manufacturing Co., Ltd.; SC Environmental Science Co., Ltd.; Sumika Agrotech Co., Ltd.; Nihon Medi-Physics Co., Ltd.; Sumitomo Joint Electric Power Co., Ltd.; Koei Chemical Co., Ltd.; Taoka Chemical Co., Ltd.; Tanaka Chemical Corporation; Sumitomo Pharma Co., Ltd.; SN Kasei Co., Ltd.;

Sumika Polycarbonate Ltd.; Sanritz Corporation; Sumika High-Purity Gas Co., Ltd.

#### Overseas Group Companies

The Polyolefin Company (Singapore) Pte.Ltd., Sumika Polymer Compounds Dalian Co., Ltd., Sumika Polymer Compounds (Thailand) Co., Ltd., Zhuhai Sumika Polymer Compounds Co., Ltd., Sumitomo Chemical Asia Pte Ltd (MMA&S-SBR), Sumika Polymer Compounds UK Co., Ltd., Sumika Polymer Compounds France Co., Ltd., Sumika Polymer North America LLC, Sumika Polymer Compounds Turkey Co., Ltd., Sumika Polymer Compounds India Co., Ltd., Sumika Polymer Compounds Poland Co., Ltd., Sumitomo Chemical India Limited, Dalian Sumika Jingang Chemicals Co., Ltd., Dalian Sumika Chemphy Chemical Co., Ltd., Valent BioSciences LLC, McLaughlin Gormley King Company, Botanical Resources Australia Manufacturing Services Pty Ltd, Botanical Resources Australia Agricultural Services Pty Ltd, Sumitomo Chemical Brasil Indústria Química S.A., Sumitomo Chemical Chile S.A., Mycorrhizal Applications, Sumika Technology Co., Ltd., Sumika Huabei Electronic Materials (Beijing) Co., Ltd., Sumika Electronic Materials (Wuxi) Co., Ltd., Sumika Electronic Materials (Xi'an) Co., Ltd., Bara Chemical Co., Ltd., SSLM Co., Ltd., Dongwoo Fine-Chem Co., Ltd., Sumitomo Chemical Advanced Technologies LLC, Sumika Electronic Materials Vietnam Co., Ltd., Sumika Electronic Materials (Changzhou) Co., Ltd., XUYOU Electronic Materials (Wuxi) Co., Ltd.

Notes: Regarding affiliated companies and plants newly included in the boundary of environmental data reporting, results data are tabulated from the fiscal year when the survey was conducted as the Sumitomo Chemical Group