



# Sustainable Use of Natural Capital

---

## Appropriate Chemical Substance Management

### Specific Initiatives for “Obligation”

Regarding Class I designated chemical substances (PRTR Act) and VOCs, we conduct environmental risk analyses regardless of the amount emitted into the environment. We are also taking measures to reduce use and emissions. In addition, as a specific response to the PRTR Act, for chemical substances expected to be newly designated under the PRTR Act, we have enhanced the evaluation and management of related environmental risks.

#### **Meeting Voluntary Environmental Targets**

At the boundaries of plant premises and at final drainage exits, we have set voluntary environmental targets for the concentration of pollutants in air and water and work to meet those targets. Utilizing METI-LIS provided by the Ministry of Economy, Trade and Industry, we simulate the atmospheric dispersion concentration of Class I designated chemical substances (PRTR Act) of plant premises and identify fixed emission sources that would effectively reduce concentrations.

#### **Reducing Atmospheric Emissions (FY2022 results: atmospheric emissions accounted for around 97% of total air and water emissions )**

We are, of course, taking measures to reduce emissions mainly by sealing facilities and improving operation methods. But we are also working to intently and systematically reduce atmospheric emissions primarily by additionally taking such disposal measures as recovering emissions through absorption, purification, and stronger cooling; incinerating emissions; and suppressing emissions through internal floating roofs for tanks.

#### **Operating Company-wide PRTR Calculation Systems**

Using the Company’s proprietary calculation system, Sumitomo Chemical is striving to increase the accuracy and level of detail of the data on emission amounts and transfer amounts for each substance.