

Protecting the Environment and Reducing Environmental Impact

[Please refer to the JSR Sustainability Site for more details.](https://www.jsr.co.jp/jsr_e/sustainability/environment/reduction.shtml)
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Philosophy

As a company that deals in chemical substances, JSR Group recognizes that it has a duty to help bring about a sustainable global environment and society.

Consequently, JSR considers reducing the environmental impact of business activities and managing chemical substances to be top priorities and strives to properly manage waste and greenhouse gas emissions arising from energy consumption. Climate change in particular is expected to have a major impact on businesses due to the growing frequency of natural disasters and risks associated with future environmental regulations. For this reason, JSR has positioned the reduction of greenhouse gas emissions as a medium- to long-term management issue.

Reducing Environmental Impact: Material Balance

JSR Group strives to reduce its environmental impact in a comprehensive, efficient way by quantitatively ascertaining and closely analyzing the consumption of energy and resources in its business activities (input) as well as its product production, emissions into the environment, waste production, and other data (output).

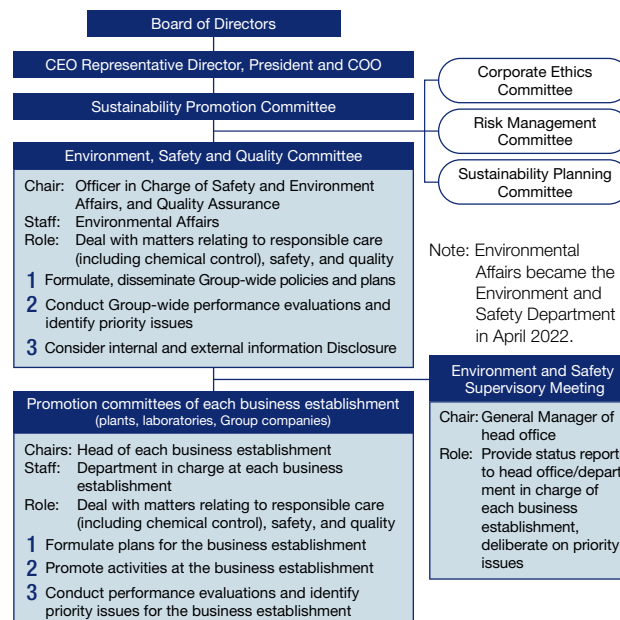
Material Balance



Approach to the Environment

JSR Group sets environmental targets under its basic policy of responsible care, which ensures that environmental activities are integrated into corporate management. The Environmental Supervisory Department formulates initial targets, which are reviewed and approved by the Environment, Safety and Quality Committee chaired by the officer in charge of Safety and Environment Affairs and Quality Assurance, and reported to the Sustainability Promotion Committee. The environmental affairs department of each business site plays a central role in meeting established targets through responsible care activities in compliance with ISO 14001

Environmental Management System Promotion Framework



environmental management system standards. JSR is also taking proactive responsible care measures such as the introduction of state-of-the-art equipment and technological development.

Various Initiatives

JSR Group is engaged in the following initiatives.

Climate Change Mitigation

We regard climate change as one of our most pressing issues, and are vigorously engaged in activities to reduce GHG¹ emissions. To this end, we endorsed the TCFD² Recommendations in October 2020 and in March 2021 announced our commitment to actively pursue net zero GHG emissions by 2050. In April 2022, we split off and transferred our Elastomers Business companies. We are determined to ramp up our initiatives under this new business organization, take action based on a better understanding of opportunities and risks associated with our business activities, and proactively disclose information about our initiatives.

Conserve Water

Aside from drinking water, water resources are used as a raw material and coolant in manufacturing processes. In addition to striving to recycle water resources in our processes, after use, we appropriately purify water before discharging it into rivers.

Waste Reduction

We are working to reduce our environmental impact, focusing on the 3Rs of waste management (reduce, reuse, recycle). We are also promoting a circular economy that efficiently uses resources throughout the product life cycle, from procurement of raw materials to manufacturing, and contributing value to customers and to related SDGs initiatives through our business activities.

Chemical Management

Globally, regulations on chemical substances are growing more stringent. From the perspective of ensuring product safety, we develop products in line with trends in chemical risk evaluations in each country from the design stage onward.

In addition, we are steadily responding to legislation requiring existing substances to be registered along with safety data, in collaboration with local subsidiaries, according to the nature of the business.

¹ GHG: greenhouse gas

² TCFD: The Task Force on Climate-related Financial Disclosures, established by the Financial Stability Board (FSB). In June 2017, the TCFD presented recommendations for the disclosure in financial reports of the effects that climate change risk has on financial institutions, companies, and governments.