



## The Chemical Industry's Visions toward Sustainable Development

The concept of sustainable development has been widely recognized by society since the United Nations Rio Summit in 1992. In 2015, the United Nations adopted 17 Sustainable Development Goals (SDGs) as tangible milestones for 2030, which accelerated the efforts of many enterprises toward sustainable development.

The chemical industry, as the “industry of industries”, has been supporting innovation of all industries by providing them with various functional materials. Products of the chemical industry have been contributing to sustainable development and the well-being of human life in areas such as:

- clean water and environment,
- use of renewable energy,
- energy and resource saving,
- development of the information society,
- breakthroughs in medical technology,
- abundant supply of food, and
- recycling of waste.

This diversity of the chemical industry's contribution is unique and different from any other industry, which reflects the unlimited potential of chemistry.

On the other hand, the Japanese chemical industry has sincerely been addressing environment and safety issues based on reflection on past environmental pollution and diseases caused by pollution. Since 1990, it

has implemented Responsible Care®, a world-wide initiative of the chemical industry. Responsible Care® is a unique initiative of the chemical industry being implemented by more than 60 chemical industry associations. It aims not only to observe regulations but also to voluntarily secure the environment, health and safety throughout the entire lifecycle from development to consumption and waste, and to communicate the results to all stakeholders including neighborhood communities and consumers. Responsible Care® is regarded as a crucial part of the Corporate Social Responsibility of the chemical industry.

In order to facilitate the efforts of the Japanese chemical industry on sustainable development toward SDGs, the Japan Chemical Industry Association has established visions to contribute to SDGs as the “leading industry” by integrating the foundations of social responsibility, such as CSR and Responsible Care®, with business activities for economic growth, such as innovation and global business expansion.

Driven by the established visions, the Japan Chemical Industry Association will support its member companies in their efforts toward SDGs as well as consistently engage in dialogue with stakeholders to enhance their understanding of the chemical industry's contribution to sustainable development.

## Chemical Industry's Visions for Sustainable Development

### Strengths of Japanese Chemical Industry

**Innovation** through  
technologies and products

**Solutions** for safety and  
the environment

### **Further Evolution**

From "Reactive" to "Proactive"  
From "Responsibility" to "Responsible Contribution"

#### **Vision 1 We CREATE INNOVATION through the power of chemistry and contribute to the healthy and abundant life of people**

1. Take the initiative in innovation, as a solution provider, for the realization of a sustainable society through materials and substances in cooperation with the entire value chain.
2. Work more closely with stakeholders leading innovation such as the government or universities, aim at creating yet-to-be-realized breakthrough innovation as well as that which leads to evolution of the entire society (e.g., Super Smart Society).
3. Not just continuously improving our production processes, aim to realize ultimate energy and resource saving and zero emission processes.

#### **Vision 2 We SUPPORT WORLDWIDE INITIATIVES for solving environmental and safety issues**

1. Building on the experience of the Japanese chemical industry, support environment and safety related activities in production by supporting overseas subsidiaries of Japanese companies and overseas chemical industry associations.
2. Disseminate the Responsible Care® concept to emerging countries.
3. Communicate information on the proper use and risks of chemicals worldwide so that chemical products are properly used and contribute to the abundant life of people.

#### **Vision 3 We PROMOTE CONTRIBUTION of chemical industry through DIALOGUE with STAKEHOLDERS**

1. Communicate precise risk information of chemicals to entire value chain to share proper use of them.
2. Share the value of sustainability conscious products such as environmental protection and waste reduction with stakeholders and reflect it in product development.
3. Promote investment to the environment, society and governance by obtaining the understanding of investors, through dialogue, about the contribution of the chemical industry to sustainable development and its unlimited future potential.

## Economic Development and Growth



Foundations of Business Activities