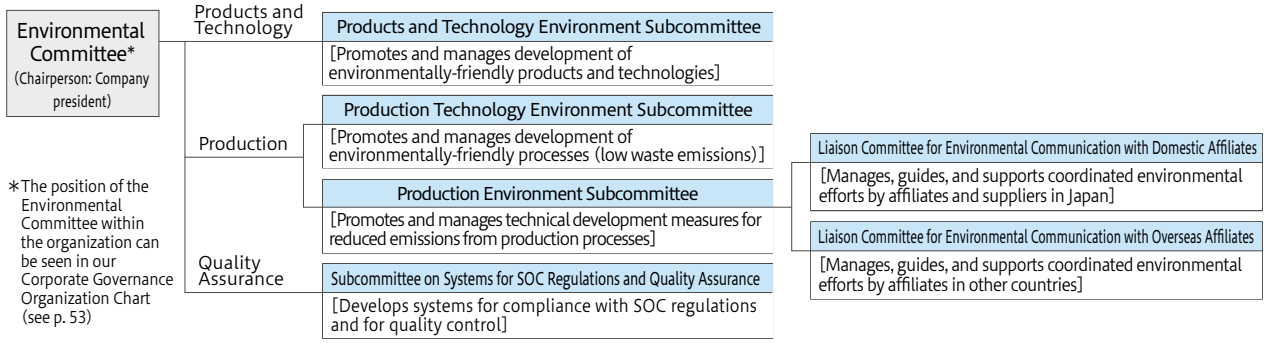
Environmental organization

Our medium- and long-term policy and key action items are discussed and decided in an Environmental Committee chaired by the company president. The Environmental Committee consists of four subcommittees in the areas of products, production, and quality. The subcommittees are further broken down into working groups that promote and manage areas such as reductions in energy use, waste products, and VOC emissions, and preservation of the environment. In this way, environmental preservation and management activities are conducted from an expert perspective.

Liaison committees have also been established to share information with related companies in Japan and abroad.

Environmental organizational structure



*The position of the Environmental Committee within the organization can be seen in our Corporate Governance Organization Chart (see p. 53)

Deployment from the Environmental Committee and subcommittees to plants and other operations is done with the establishment of expert committees in accordance with the ISO 14001 system at each plant.

Risk and opportunity associated with climate change and resource depletion

The risks and opportunities associated with climate change and resource depletion are recognized as an important management issue. We are working to strengthen our responses to the overall financial and social risks from the effects on economic and production activities of more drastic abnormal weather, changing precipitation patterns, droughts and floods, from a global perspective based on laws, regulations and trends.

	Risk	Opportunity
Climate change	Cost increases from carbon tax and soaring energy prices	Development of lighter weight, next-generation automotive parts, cost reductions from efficient energy use
Resource recycling	Effects of water shortages and floods on production activities	Cost reductions from re-use and decreased use of water
	Cost increases from difficulty in procuring materials, soaring material prices	Cost reductions from recycling technology, use of fewer materials
Management (regulatory compliance)	Loss of trust in the company due to environmental problems, including legal violations, and insufficient efforts to protect the environment.	Raise brand strength by enhancing environmental activities

Resource utilization and environmental emissions in business activities

To lessen the amount of energy, material and other resource inputs, and maximum product output, we are utilizing our skills in product development, process development and workplace *kaizen* in efforts to improve through business activities.

The input resources we use include environmentally friendly materials and clean energy.

INPUT

Total material input	45,974t	Rubber (rubber sheet)	17,820t
Plastic	28,154t	Excluding purchased parts, metal and liquid	
Total energy input	3,080,000GJ*1	Heavy oil	10,000GJ
Purchased electricity	1,560,000GJ	Kerosene	20,000GJ
City gas	1,310,000GJ	LNG	120,000GJ
LPG	60,000GJ	Gasoline	1,000GJ
Water resource input	1,380,000m³	Clean water	268,000m³
Industrial water	737,000m³	Underground water	375,000m³
PRTR*2 substances usage	800t		

Business activities →

OUTPUT

Products			
Emitted into the atmosphere		Dust	0t
CO_2	12,900t-CO_2	Volume of substances subject to PRTR	115t
6 gases	3,000t-CO_2	VOC*5 emissions	371t
SOx*3	0t		
NOx*4	88t		
Waste discharge		General waste	12t
Landfill waste	0t	For-profit disposal by sale	5,464t
Incinerated waste	7t	Volume of substances subject to PRTR	61t
Industrial waste	10,995t		
Wastewater		Nitrogen emissions*6	9.7t
Total wastewater	890,000m³	Phosphorus emissions*6	0.6t
Volume of substances subject to PRTR	0.15t	COD emissions*6	4.8t

*1 Gigajoule (1,000,000,000 joules)
*2 Pollutant Release and Transfer Register
*3 Sulfur Oxide
*4 Nitrogen Oxide
*5 Volatile Organic Compounds
*6 Range of target: 4 plants of Haruhi, Inazawa, Heiwacho and Seto, Kitajima Technical Center, Miwa Technical Center and Sun-Court Inoguchi