

Sustainability Management

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Activity Target and Results	

Activity Target and Materialities of the Kuraray Group

Activity Targets and Materialities (previous version) of Kuraray Group for 2019

	Activity Items	Targets	Material items	Boundary*	Results
Management	Medium-term management plan	<p>「PROUD 2020」 (2018～2020)</p> <ul style="list-style-type: none"> Pursue competitive superiority Expand new business fields Enhance the comprehensive strengths of the Kuraray Group Contribute to the environment 	Economic performance Products and services	◎	<p>For details on the Medium-Term Management Plan "PROUD 2020" that started in fiscal 2018, please visit our PROUD 2020 page. Specific measures implemented for each business in fiscal 2019 are described in Kuraray Report 2020.</p>

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	Activity Items	Targets	Material items	Boundary*	Results
Safety	Process Safety and Disaster Prevention	<ul style="list-style-type: none"> Prevention of occupational injuries caused by careless or involuntary behavior of individuals Transition to situation where all employees actively take part in safety activities Promotion of work place improvement (facilities and operation) by realizing when something feels wrong Prevention of process accidents/troubles by making thorough check Implementation of measures to discover latent risks that can lead to process accidents and minimize the occurrence of those risks Reliable operation of the Global Safety Activity Management System 			Through initiatives to boost "recognition" in the workplace and sharing, we strived to heighten individual awareness and reduce behavioral incidents caused by careless or unthinking behavior. Nevertheless, many behavioral incidents still occurred, and continuous efforts are needed in the future. In the wake of a series of fire accidents involving explosions occurred at plants outside Japan since 2019, we initiated emergency safety audits.
	Occupational Safety		Process safety Occupational safety Distribution safety	◎	
	Chemicals and product safety	-	Chemicals and product safety Safety and health for customers Labeling of products and services	◎	PL Assessment Committee was held once for applications with a high PL risk. There were no PL-related accidents.
	Global warming prevention	<p>Japan: Greenhouse gas (GHG) emissions 【GHG emission intensity index】 Add at least 1% to the GHG emission intensity index¹ from the previous year.</p> <p>Overseas: Energy consumption 【Energy intensity index】 Add at least 1% to the energy intensity index from the previous year</p>	Energy Products and services	◎	In Japan, we implemented measures to reduce CO ₂ emissions by approximately 21,000 tons-CO ₂ . As a result, domestic GHG emissions decreased, but the GHG emission intensity index did not meet the target of the mid-term plan. On the other hand, the overseas energy intensity index declined.

	Activity Items	Targets	Material items	Boundary*	Results
Environment	Effective Utilization of Water Resources	Overseas: Water (excluding sea water) consumption 【Water (excluding sea water) usage amount index】 Add at least 1% to the water (excluding sea water) usage amount index from the previous year	Water sources in region	○	Overseas water consumption was almost the same as the previous year, but the water usage amount index declined. Although we have not set a concrete target in Japan, we strove to make effective use.
	Management of chemical substance emission	Japan: Emission of PRTR chemical substances designated by the Japan Chemical Industry Association (JCIA) Reduce the amount of JCIA-designated PRTR substance emissions to less than 957 tons	Emission into atmosphere	○	Emissions of PRTR chemical substances (substances subject to the law and voluntarily controlled chemical substances designed by the JCIA) in Japan were lower than the previous year's results, but the target for fiscal 2019 in the mid-term plan was not achieved. Overseas, each production site complied with its own chemical emissions regulations.
	Effective Utilization of Waste	Japan: Amount of waste generated [Amount of waste reduction measures] Reduce waste by the equivalent of 1% relative to FY2016 level (900 tons) or more [Amount of landfill disposal] Reduce the amount of landfill disposal to less than the FY2016 result (251 tons)	Wastewater and waste Raw materials	○	The Kuraray Group in Japan achieved the target of waste reduction amount for the medium-term plan. However, the amount of landfill disposal did not reach the target. It has been maintained "an effective utilization rate of waste of 90% or higher, and final landfill disposal rate of 1% or lower," which it has continued to achieve since 2011. Kuraray affiliates overseas complied with the legal requirements of each country.

	Activity Items	Targets	Material items	Boundary*	Results
	Environmental Accounting	-	Overall	○	<p>Investments for environmental conservation purposes totaled ¥1,674 million (¥1,153 million for the previous year), while environmental conservation expenses totaled ¥2,978 million (¥2,402 million for the previous year).</p> <p>➤ WEB</p>
	Personnel policy allowing employees to feel work is worth accomplishing	Provision of growth opportunities to employees	Training and education	○	<p>As part of fostering human resources who can actively take part in conducting business internationally, group training was provided for the personnel in the classes of department general managers and section managers. Short-term training and other training programs were undertaken for staff-level personnel, participated by about 30 persons from the Kuraray Group inside and outside of Japan.</p>
Workplaces	Diversity, work-life balance	<ul style="list-style-type: none"> • Promotion of diversity and inclusion • Refined working style 	Diversity and equal opportunity Employment	○	<p>In order to foster a corporate culture and raise awareness so that diverse human resources can play an active role, seminars for managers were held. Also, flexible working styles such as flexitime systems and administered homeworking were introduced.</p>

	Activity Items	Targets	Material items	Boundary*	Results
	Healthy Management of Mind and Body	Continuation and beefing up of mental support measures and countermeasures for lifestyle-related diseases	Occupational safety and health	◎	100% participation in line care seminars by management and supervisory personnel (head office: personnel in managerial position; Plant: general manager or higher) was achieved.
		Strengthening of measures against harassment		○	Training for managers and supervisors was initiated
Society	Contribution in Cultural, Academic, Environmental and Social Welfare Fields	Implementation of following activities: • "Sending School Backpacks Across the Sea" • "Chemistry Classes for Boys and Girls" • Operation of work facilities for people with intellectual disability • "Kuraray Fureai Fund" • Activity with emphasis on link to local community	Local community	◎	Activities were undertaken with a focus on the culture, art and science, environment and welfare fields in accordance with the social contribution activity policy of the Kuraray Group.

* Range where influence occurs. ◎ Inside and outside organization ○ Inside organization

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