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CSR Activity Target and Materialities of the Kuraray Group

CSR Activity Targets and Materialities of Kuraray Group for 2017

	Activity Items	Targets	Material items	Boundary	Results
Management	Medium-term management plan	<p>The medium-term management plan "GS-STEP" (2015 to 2017)</p> <ul style="list-style-type: none"> • Deepening of core businesses • Technological innovation • Creation of next-generation growth models • Optimum allocation of management resources 	Economic performance Products and services	◎	"GS-STEP" (2015~2017) Please refer to the PowerPoint material (from p. 2 to p. 4) of the Medium-term Management Plan, "PROUND 2020".(2018~2020)

	Activity Items	Targets	Material items	Boundary ≈	Results
Safety	Process Safety and Disaster Prevention	<ul style="list-style-type: none"> Enhancement of safety awareness of individual persons (prevention of offhand, risky behavior on the spur of the moment) Implementation of risk assessment of unusual work Implementation of inherently safe countermeasures for serious risks, or minimizing damage Capability of detecting abnormal signs and dealing with abnormal situations (Enhancement of technical capabilities through experience) Constructing the base for globalization of safety activity management 	Process Safety and Disaster Prevention Occupational Safety Logistics Safety Chemicals and product safety Safety and health for customers Labeling of products and services	◎	The safety level was improved primarily through efforts with originality and ingenuity at worksites and efforts to address unexpected events, education for improving risk sensitivity, and enhancing other various training programs. Also, a labor accident evaluation system standardized at home and abroad entered full operation, and this pushed forward with the constructing of a base for globalization of safety activity management.
	Occupational Safety			○	
	Global warming prevention	Japan: Greenhouse gas emissions 【Environmental efficiency】 Improvement by 40% compared with fiscal 2010 (Target year 2020) Overseas: Energy consumption 【Environmental efficiency】 Improvement by 10% compared with fiscal 2010 (Target year 2020)	Energy Products and services	◎	In Japan, measures to reduce CO ₂ emissions by about 9,600 tons-CO ₂ were implemented. As a result, the Environmental Efficiency of GHG emissions of the Kuraray Group in Japan improved compared with fiscal 2010. However, this performance is behind the target of fiscal 2017 envisioned in the Medium-Term Plan. On the other hand, environmental efficiency of the Overseas affiliates as to energy consumption decreased.
	Effective Utilization of Water Resources	Overseas: Water consumption 【Environmental efficiency】 Improvement by 10% compared with fiscal 2010 (Target year 2020)	Water sources in region	○	Although we have not set a concrete target in Japan, we strove to make effective use. Overseas water consumption increased with the increase in production volume.

	Activity Items	Targets	Material items	Boundary ≈	Results
Environment	Management of chemical substance emission	Japan: Emission of PRTR chemical substances designated by the Japan Chemical Industry Association 【Environmental efficiency】 Improvement by 100% compared with fiscal 2010 (Target year 2020)	Emission into atmosphere	◎	Emissions of PRTR substances in Japan were higher than the previous year's results, but the environmental efficiency improved compared with fiscal 2010. Overseas production sites observed compliance of each regulation on chemical substance emission.
	Effective Utilization of Waste	Japan and Overseas: Amount of waste generated 【Environmental efficiency】 Improvement by 10% compared with Fiscal 2010 (Target year 2020)	Wastewater and waste Raw materials	○	Since fiscal 2007, Kuraray Group in Japan has been maintaining "an effective utilization rate of waste of 90% or higher, and final landfill disposal rate of 1% or lower." The amount of waste generated by the Kuraray Group in Japan was lower than the previous fiscal year's results, while the environmental efficiency improved compared with fiscal 2010.
	Environmental Accounting	-	Overall	○	Investments for environmental conservation purposes totaled ¥752 million (¥382 million for the previous year), while environmental conservation expenses totaled ¥2,399 million (¥2,359 million for the previous year). ➤ WEB

	Activity Items	Targets	Material items	Boundary ≈	Results
	Personnel policy allowing employees to feel work is worth accomplishing	Providing growth opportunities to employees	Training and education	○	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 50 persons from the Kuraray Group inside and outside of Japan.
Workplaces	Diversity, work-life balance	<ul style="list-style-type: none"> Promotion of active participation by female employees Refined working style 	Diversity and equal opportunity Employment	○	We held workshops for personnel of the general manager class and seminars for personnel of the semi-managerial class to promote a corporate culture and raise career awareness. We also introduced no-overtime weeks, and administered homeworking and flextime systems on a trial basis.
	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.
		Implementation of following			

	Activity Items	Targets	Material items	Boundary	Results
Society	Contribution in Cultural, Academic, Environmental and Social Welfare Fields	<p>activities:</p> <ul style="list-style-type: none"> • “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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