

## The 6th Voluntary Plan for the Environment (FYE2018 to FYE2021)

### [3] Pollution Prevention and Reduction of Hazardous Chemical Use

Field	Item		Up to FYE2021 Target/Initiative	FYE2018		FYE2019 Target/Initiative	
				Target	Results		
Products	Reduction in emissions	◆ Promote the introduction of low-emission vehicles to improve air quality.	◇ Japan: Increase the number of low emission standard certified models by WLTP (produced by Subaru). Overseas: Promote the introduction of low-emission vehicles to improve air quality in each country and region.	◇ Advanced development to control exhaust gas emissions in the real world. ◇ Mass production development in line with WLTP-based low emission regulations.	• Completed mass production development in line with domestic WLTP-based low emission regulations as planned.	• To control emission of particulates, continue to expand development of gasoline particulate filters (GPF) designed for destinations.	
	Reduction in the use of environmentally hazardous substances	◆ Promote the management and reduction in the use of environmentally hazardous substances.	◇ Improve management of chemical substances contained in products. ◇ Promote switching to substances with lower environmental impact	◇ Prepare an all part survey system and improve management precision. ◇ Promote switching to substances with lower environmental impact.	• Expanded the function of IMDS in-house system, and implemented an all part survey system. • Completed switching to substances with lower environmental impact.	• Strengthen management of chemical substances using IMDS. • Promote switching to substances with lower environmental impact.	
Production	Management and emission reduction of environmentally hazardous substances at production facilities	Automobiles	◆ Further reduce per unit of VOC emissions (g/m <sup>2</sup> ) at production lines.	◇ Reduce per unit of VOC emissions.	◇ Reduce per unit of VOC emissions.	• Based on the man-hour increase deriving from color changes in just in time production system at paint process, have set the FYE target as 50.2g/m <sup>2</sup> . Reduction efforts such as thinner recovery rate increase led to target achievement.	• Set the per unit of emission target lower than that of FYE2018, but we will continue to make efforts to reduce environmental burden.
		◆ Continue to reduce emissions of PRTR substances into the environment.	◇ Identify and manage the chemical substances regulated by the PRTR law and promote further reduction in the use of these substances.	◇ Identify and manage the chemical substances regulated by the PRTR law.	• Continued aggregation management of chemical substances regulated by the PRTR law.	• Continue aggregation management of chemical substances regulated by the PRTR law.	
		◆ Promote activities targeting the elimination of occurrences of hazardous substances leaking off site, complaints, and exceeding legal standards.	◇ Promote activities targeting the zero occurrence of environmental accidents, complaints, and cases exceeding legal standards through environmental risk reduction activities. ◇ Set stricter voluntary standards and conduct small-risk elimination activities.	◇ Promote activities targeting the elimination of occurrences of environmental accidents, complaints, and exceeding legal standards through environmental risk reduction activities.	• Exceeding legal limit: 1case; complaints:8 cases; on-site leakage: 4 cases. All properly handled.	• Continue efforts to reduce environmental risk (enlightenment, education, and coexistence with community).	