

Environmental Targets 2050

Item	2024	2025	2026	2027	2028	2029	2030	2040	2050
CO ₂ Emission Targets	2030 Emission Targets: 46% Reduction from 2013							Net-zero CO ₂ Emissions by FY2050	
Emission Reductions through Energy Conservation and Electrification	Establishment of Activity Groups	Continuation of Energy-saving Activities							
	Adoption of CO ₂ Visualization App								
Upgrading to High-efficiency Facilities	Research	Upgrading to High-efficiency Facilities							
Expansion of Renewable Energy	Research	Investment Decision	Introduction to Domestic Sites						
Utilization of Emitted Energy	Research						Establishment of Utilization Technology	Circulation Model Operation	
Conversion to CN Fuels	Conversion from heavy oil and LPG Facilities to LNG Facilities						Conversion to Ammonia and Hydrogen		
Initiatives to utilize Next-generation Energy	Establishment of Technology for Hydrogen derived from Aluminum Utilization Facilities				Adoption of Hydrogen Burner and Hydrogen Power Generation Equipment				
Procurement of Carbon Credit, etc.	Research	Promotion of Procurement						Procurement to fill the Shortage	