Environmental Management Promotional Strategy and Detailed Plan

Environmental Management Strategy | Achieving Sustainable Value through Enhanced Environmental Responsibility

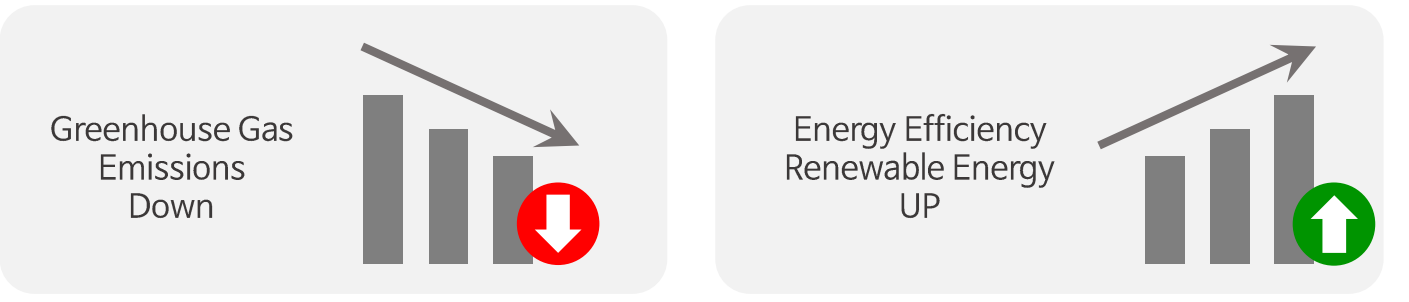
Enhancing Environmental Performance Monitoring	Developing Pollution Reduction Strategies
Reducing Emissions Continuously	Protecting the Local Environment Responsibly

Pollution Reduction Activities	Key KPIs	2025 Performance	2026 Target
Achieving Greenhouse Gas Targets	Greenhouse Gas Reduction Compared to the Base Year	17,888 (tCO2eq)	17,640 (tCO2eq)
Enhancing Air Pollution Control	Pollutant Reduction Compared to the Base Year	Dust - 7.759 (t) NOx - 2.776 (t)	Dust - 7.371 (t) NOx - 2.637 (t)
Resource Circulation	Increased Wastewater Recycling	37,200 (t)	48,800 (t)

Carbon Neutral Mid- to Long-term Goals and Strategies

Simmtech has established phased goals and action strategies related to carbon neutrality in response to climate change. In addition to the transition to renewable energy, we plan to first reduce Scope 1 and 2 greenhouse gas emissions, and then calculate and reduce Scope 3 emissions. Through these strategies, we have also established quantified step-by-step goals (Roadmap).

- Short-term goal: 20% GHG reduction compared with 2022 GHG emissions and 4% renewable energy conversion by 2030
- Mid-term goal: Further reach 70% GHG reduction compared with 2022 GHG emissions and 9% renewable energy conversion by 2040
- Long-term goal: Achieve net-zero, obtain SBTi approval, and continue implementing relative efficient energy measures by 2050



Mid-to-Long Term Goals - Key Environmental Issues

	Mid-to-Long Term Goals		Response Strategies and Plans
Air Pollutants	By 2030	By 2050	Enhancing Emission Monitoring and Analysis 1. Monitoring Activated Carbon Replacement 2. Improving Facilities - Dust Collectors, Scrubbers 3. Tracking Data Trends through Self-Monitoring
	Dust : 0.002 (t)/yr NOx : 0.906 (t)/yr	Dust : 0.001 (t)/yr NOx : 0.302 (t)/yr	

	Mid-to-Long Term Goals		Response Strategies and Plans
Resource Circulation	By 2030	By 2050	Resource Circulation and Recycling Capacity 1. Improving Wastewater Treatment Efficiency 2. Installing Equipment - Washers, Wash Piping 3. Further Review of Water Quality Improvement Measures (Recycling of Discharged Water).
	Wastewater Recycling 10,000 (t)/yr	Wastewater Recycling 30,000 (t)/yr	