Strategy

Management Strategies and Actions

- Climate-related risks and opportunities that can reasonably be expected to affect the entity's outlook.
- Information on the current and anticipated impacts of climate-related risks and opportunities on the entity's business model and value chain.

2025 Implementation Status

Short-term		Medium-term		Long-term	
Transition risk	Imposition of carbon fees	Transition risk	Imposition of carbon fees	Transition risk	Imposition of carbon fees
Physical risk	Extreme weather events such as typhoons, heavy rainfall, or flooding	Physical risk	Extreme weather events such as typhoons, heavy rainfall, or flooding	Physical risk	Extreme weather events such as typhoons, heavy rainfall, or flooding
Opportunities	Increasing the share of renewable energy and improving energy efficiency	Opportunities	Increasing the share of renewable energy	Opportunities	Increasing the share of renewable energy

Description of risks/ opportunities	Impacts on the business model		Impacts on the value chain	
	Current	Anticipated	Current	Anticipated
Imposition of carbon fees	Increase in operating costs	Actively promoting low-carbon transition policies, including implementing energy conservation and carbon reduction measures, as well as researching and developing low-carbon product design.	Due to increased upstream costs, adjustments have been made to downstream product pricing within the value chain.	Downstream customers obtain lower-carbon raw materials, facilitating the achievement of their low-carbon objectives.
Extreme weather events	No impact at present	Extreme weather events may have an impact on operations	No impact at present	Extreme weather events may have an impact on transportation and logistics
Increasing the share of renewable energy	The proportion of renewable energy used has reached 10%.	Target: The proportion of renewable energy used should reach 25% by 2030.	Organizing a sustainable supply chain seminar to share knowledge on renewable energy.	Supporting suppliers in procuring or jointly purchasing renewable energy.
Improving energy efficiency.	ISO 50001 Energy Management System has been successfully implemented.	Continuing to invest in and implement emerging energy-saving and carbon-reduction technologies to expand the scope of energy efficiency improvement measures to new plants.	• Organizing sustainability seminars and counseling programs to assist the supply chain in building energy management capabilities. • Some customers will include energy management in supplier evaluation criteria.	• Reducing operational energy consumption to better control over operating costs. • Positioning the Company as a preferred partner for corporate customers seeking energy management expertise, thereby facilitating downstream business integration within the value chain.

Strategy

Management Strategies and Actions	2025 Implementation Status

- Information on the impacts of climate-related risks and opportunities on the entity's strategy and decision-making.

Categories of Risks / Opportunities	Risk Description	Changes in the business model and resource allocation	
		Current	Anticipated
Physical risks	Extreme weather events impacting operations	The Company currently has established a comprehensive framework for water resource management and a contingency plan in place to address water restrictions.	Enhancing water recycling and reuse mechanisms, and strengthening the protection of water facilities and operational resilience.
Transition risks	Imposition of carbon fees	Implementing GHG Inventory and various carbon reduction and energy-saving initiatives, as detailed in Sections 5.1 and 5.2 of this report.	Actively promoting low-carbon transition policies, including implementing energy conservation and carbon reduction measures, as well as researching and developing low-carbon product design.
Opportunities	Enhancing Energy Efficiency	The ISO 50001 Energy Management System has been implemented.	Continuing to invest in and implement emerging energy-saving and carbon-reduction technologies to expand the scope of energy efficiency improvement measures to new plants.
	Increasing the share of renewable energy	The proportion of renewable energy used has reached 10%.	Enhancing the proportion of renewable energy usage over the next five years, with the related investment expected to account for approximately 0.39%–0.76% of capital expenditures.

- Impacts of climate-related risks and opportunities on the entity's current and anticipated financial position, financial performance, and cash flows.

- Based on the strategy for managing climate-related risks and opportunities, the expected impacts on financial performance and cash flows over the short, medium, and long term are described as follows:

Item	Short-term	Medium-term	Long-term
Proportion of Revenue Attributable to Carbon Fees Imposition	0.43%	0.14%	0.14%
Proportion of Revenue Attributable to Energy Efficiency Improvement Project Investments	0.04%	0.05%	0.05%
Proportion of Revenue Attributable to Renewable Energy Procurement Costs	0.39%	0.46%	0.76%

- Climate-related scenario analysis and assessment of climate resilience

Type	Key Assumptions	Selected Scenarios	Assessment of Impacts and Resilience Capacity
• Carbon Fee/Tax Imposition • Use of low-carbon energy	The proportion of renewable electricity consumption is expected to increase to 25% in the short term and reach 100% in the medium to long term.	2050 Net Zero Emissions Scenario (NZE)	1. Assessment of Impacts: Based on the results of the scenario analysis, under the 2050 NZE scenario, there is a risk of carbon fee imposition in the short, medium, and long term. In order to achieve the net zero emissions target, an increase in the share of renewable energy usage will be required, which will lead to higher operating costs. 2. Resilience Capacity: Nanya Technology has strengthened its GHG management system by establishing a cross-departmental Climate and Carbon Reduction Taskforce. Resources have been allocated to cover product carbon footprint assessment and comprehensive greenhouse gas management. Expenditures have been reallocated toward low-carbon energy sources. Over the next five years, the proportion of renewable energy usage is expected to increase, with related investments projected to account for approximately 0.39%–0.76% of capital expenditures.