

Climate Change Management

Climate change is a critical global issue that has widespread impacts on the environment, economy, and society. The main cause stems from greenhouse gas emissions generated by human activities, including industrial operations, transportation, and resource consumption. The company recognizes the importance of managing these impacts and focuses on assessing and reducing greenhouse gas emissions from its operations. This includes improving the efficiency of vending machine management and logistics systems, conserving resources, supporting the transition toward a low-carbon society, and strengthening long-term business sustainability.

Goal

- Report and disclose 100% of greenhouse gas emissions across all areas under the company's management.

Strategies

- Calculate greenhouse gas emissions in all areas under the company's operational control.
- Improve operational efficiency to reduce resource consumption and greenhouse gas emissions.

Key Performance

In 2025, the company successfully reduced total greenhouse gas emissions by 529 tons of carbon dioxide equivalent, representing an 8.24% reduction compared to 2024. This reflects continuous improvement in energy management and environmental performance.

Supporting the Sustainable Development Goals (SDGs)



Good Health and Well-being



Affordable and Clean Energy



Industry, Innovation, and Infrastructure



Partnerships for the Goals

Management Approach

The company is committed to supporting the transition toward a low-carbon society by minimizing negative impacts on climate change through various initiatives. These include reducing greenhouse gas emissions by using more environmentally friendly refrigerants in vending machines and lowering energy consumption in business operations.

Use of Low Global Warming Potential (GWP) Refrigerants

Refrigerants are greenhouse gases with heat-trapping capacities hundreds to tens of thousands of times greater than carbon dioxide, measured by their Global Warming Potential (GWP). Therefore, selecting appropriate cooling technologies and refrigerants is crucial in reducing emissions.

The company has begun replacing vending machines that previously used R12 and R22 refrigerants—with GWPs of approximately 10,900 and 1,810 respectively—with R134a, which has a lower GWP of about 1,430. This marks an important step toward reducing environmental impacts from business operations.

Additionally, the company has introduced new vending machine models that use alternative, eco-friendly refrigerants such as R600a, R1234yf, and R290, which have significantly lower GWPs—around 3 and less than 1. This transition helps reduce greenhouse gas emissions throughout the product lifecycle and aligns with international environmental standards.

The company aims to continuously increase the proportion of vending machines using low-GWP refrigerants, alongside developing energy-efficient technologies, maintaining cooling systems properly, and preventing refrigerant leakage. These efforts support sustainable business operations and contribute to long-term climate change mitigation.

Energy Efficiency and Energy Reduction

Beyond refrigerant management, energy efficiency plays a key role in reducing greenhouse gas emissions. The company has implemented several measures, including improving energy efficiency, reducing energy use in vending machines, transportation, and vending machine assembly plants.

The company also plans to conduct annual verification of greenhouse gas emission data and is in the process of setting reduction targets for Scope 1 and Scope 2 emissions in the future.

Related Stakeholders

1. Employees

- Participate in reducing carbon emissions within the organization.

2. Suppliers

- Collaborate in using environmentally friendly materials and energy sources.

3. Customers

- Support eco-friendly products and services.

4. Communities and Society

- Benefit from environmental and pollution reduction initiatives.

5. Government

- Regulate and support environmental management efforts.