

Climate Change and Energy

The Company recognizes the impacts of the climate crisis and is committed to reducing the environmental and climate impacts of its business operations through innovation. This approach enables the Company to adapt to market competition, regulatory changes, rising costs, environmental and community impacts, as well as disaster risks.

Since 2024, the Company has participated in the SET Carbon Sandbox program, continuing to report and disclose Scope 1 and Scope 2 greenhouse gas emissions through the Stock Exchange of Thailand's system and verified by external auditor.

The Company is committed to climate change adaptation and has established short-term and long-term greenhouse gas emission reduction targets in alignment with the Paris Agreement, aiming to limit global temperature rise to within 1.5 degrees Celsius by 2050.

Climate and Environmental Management Policy

<https://www.civilengineering.co.th/storage/content/cg/document-download/20260123-civil-climate-environment-policy-en.pdf>

Energy Management

Effective energy management is essential for reducing the Company's greenhouse gas emissions and addressing climate change risks, including mitigating energy scarcity risks and reducing operational costs. The Company's short-term strategy focuses on optimizing fuel and energy efficiency while maintaining work quality. In the long term, the Company will invest in renewable energy technologies for machinery and office buildings, aiming to reduce fossil fuel consumption and increase renewable energy usage.

1. Improving Energy Efficiency in Vehicles and Machinery

The Company utilizes GPS and tracking technology to collect, monitor, and evaluate fuel consumption in vehicles and machinery across construction projects. This enables appropriate control of fuel allocation and usage, as well as rapid detection of abnormality for prompt corrective action. This measure directly contributes to reducing Scope 1 emissions from mobile combustion sources.

2. Machinery and Equipment Inspection and Maintenance

The Company maintains regular maintenance schedules for machinery and equipment to ensure optimal performance, reduce accident risks, and minimize greenhouse gas emissions from deteriorating engine efficiency. Four maintenance centers are strategically located across the Company's operational areas to ensure comprehensive and timely maintenance services.

3. Energy Efficiency Communication and Campaign

All employees and suppliers receive ongoing communication on energy saving guidelines and efficient energy use through various channels, including pre-project meetings, noticeboards, environmental and sustainability department engagement activities, and Safety Talks. These initiatives support reductions in both Scope 1 emissions from fuel consumption and Scope 2 emissions from electricity use.

4. Promoting Renewable Energy

The Company is exploring renewable energy investment opportunities, focusing on Solar PV Systems for the headquarters and construction material manufacturing facilities. This includes conducting technical and financial feasibility studies, assessing installation site potential, analyzing projected electricity generation, and evaluating payback periods to develop an investment plan aligned with the Company's operational context.

Climate Change

To ensure climate change measures achieve the Company's strategies and targets, the Company has established a governance structure with the Audit and Risk Management Committee responsible for overseeing and monitoring implementation in accordance with [the Audit and Risk Management Committee Charter](#), Section 5.12. The Committee works with the Executive Management to develop climate change strategies and policies, which are then cascaded with relevant operational departments. Key measures are as follows:

1. Greenhouse Gas Emission Reduction

The Company prioritizes procurement of goods and services from areas where the construction projects operate, both to distribute income to local communities and to reduce greenhouse gas emissions from transportation.

Additionally, the Company promotes the use of low-carbon and environmentally friendly products through a Green Procurement Policy. A list of suppliers offering products and services meeting these criteria has been established, with annual targets set to increase the proportion of procurement aligned with this policy.

2. Climate Risk and Opportunity Management

The Company has adopted the IFRS climate-related risk and opportunity assessment framework, incorporating various climate scenarios including RCP 4.5 and RCP 8.5 to evaluate both physical and transition risks of climate change on business operations. This assessment

informs the development of corporate strategies, greenhouse gas emission reduction measures, and adaptation approaches to address potential future climate crisis situations.

Example of the Company climate risks and opportunities.

| Risk type | Risk topic | Example of risk impact |
|------------|-----------------------------------|---|
| Physical | Flood | - Properties are damaged - Revenue loss due to work-delay, properties and material damage. |
| | Tropical cyclone/Extreme Rainfall | - Properties are damaged - Revenue loss due to work-delay, properties and material damage. |
| | Increase temperature | - Reduction of labor productivity due to heat stress |
| Transition | Policy and regulation | - Carbon pricing |
| | | - Opportunity to access ESG related funds |
| | Market | - Increasing cost of material and energy |
| | Reputation | - Increasing of stakeholder preference and concern leads to an organic reputation growth for a good practice business |

Physical Risk

The Company's key physical risks from climate change relate to extreme weather conditions and flooding, which may cause damage to assets and disrupt business operations.

Based on increased risk projections from various climate scenarios, the Company has established measures spanning pre-construction, during construction, and post-construction phases. These include site surveys and assessments that consider potential increases in extreme rainfall due to climate change to inform appropriate worksite design; [emergency response and business continuity plans](#) covering natural disasters including extreme floods; and employee training on climate change risks and response measures.

Transition Risk

The Company views climate change as both a risk and an opportunity for business operations and closely monitors low-carbon business innovations from partners and leading companies domestically and globally, as well as sustainable business guidelines and measures from government agencies and independent organizations, to identify suitable approaches for the Company's operations.

The Company is in the process of setting short-term targets (2030) to reduce emissions in Scope 1 and Scope 2, which will be compared to the emission intensity from the 2025 base year. This will be achieved through internal business process improvements, technology adoption to reduce error-prone processes, risk reduction, enhanced transparency and traceability, minimizing unnecessary resource consumption and environmental impacts, and maximizing operational efficiency. The Company also participates in government and independent organization programs promoting low-carbon business transition, reinforcing its commitment to proactively adopting international standards for business development.

In parallel, the Company is studying and monitoring opportunities for investment in low-carbon businesses and technologies for long-term greenhouse gas emission reduction in 2050, while developing employee readiness for the future transition to low-carbon business operations.