

## Net Zero Greenhouse Gas Emissions Pathway (2050)

Thailand has announced its commitment to achieving net-zero greenhouse gas (GHG) emissions by 2050, advancing the target by 15 years from the previous timeline, through the submission of its updated Nationally Determined Contribution (NDC) on 19 November 2025 at COP30 in Brazil. This reflects the country's strengthened ambition to achieve the Net Zero target by 2050. However, the pace and stringency of Thailand's GHG reduction policy will depend on the enforcement timeline of the Climate Change Act, as well as the development of related secondary regulations, including carbon pricing mechanisms such as a carbon tax and an emissions trading system (ETS). These mechanisms are expected to be implemented approximately two years after the primary legislation comes into force.

The Company is committed to achieving net-zero greenhouse gas emissions by 2050. It aligns its greenhouse gas management approach with the guidelines of the Thailand Greenhouse Gas Management Organization (Public Organization), in support of the United Nations Sustainable Development Goals (SDGs), particularly SDG 13: Climate Action. In addition, the Company is currently studying the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), as well as the International Financial Reporting Standards (IFRS S1 and IFRS S2). These frameworks guide the assessment and disclosure of climate-related risks and opportunities that may impact the Company's financial position.

The Company has consistently conducted its business with a commitment to sustainable growth in collaboration with all stakeholders, with due regard to environmental, social, and governance (ESG) principles. A key priority area is greenhouse gas (GHG) management and climate change mitigation. The Company is committed to reducing negative environmental impacts and lowering GHG emissions, while promoting the development of essential infrastructure. This includes encouraging the use of clean energy, applying existing relevant technologies, and exploring innovative solutions to support long-term climate change mitigation across its value chain. These efforts are aligned with global climate action directions and Thailand's national goal of achieving net-zero greenhouse gas emissions by 2050.

### Greenhouse Gas (GHG) Management Policy

As disclosed on the Company's website:

<https://www.ttwplc.com/en/about-ttw/company-policy#tab-environmental-3>

## Implementation Approach

The Company has established operational guidelines to reduce greenhouse gas (GHG) emissions through its business activities. These include project development and building design based on resource efficiency principles, as well as minimizing the use of energy sources that generate GHG emissions. The Company also promotes the use of clean energy by setting targets to reduce electricity consumption and to lower GHG emissions from its business processes and operations.

### 1. Greenhouse Gas (GHG) Emissions Assessment

#### 1.1 Carbon Footprint for Organization (CFO) Project

In 2022–2023, the Company engaged Green Style Co., Ltd. (GS) as a consultant to assess GHG emissions and prepare the Corporate Carbon Footprint (CFO) reports for TTW, PTW, and TWO (three companies in total). This scope excluded the Bang Pa-in Project located in Bang Pa-in Industrial Estate, Phra Nakhon Si Ayutthaya Province, as well as the Amata City Chonburi Industrial Estate in Chonburi Province and the Amata City Rayong Industrial Estate in Rayong Province.

In 2024, the Company re-engaged the same consultant to assess GHG emissions and prepare Corporate Carbon Footprint (CFO) reports for TTW, PTW, and TWO (three companies), as well as the Bang Pa-in Project (BIE). The scope excluded the Bang Pa-in Industrial Estate in Phra Nakhon Si Ayutthaya Province, the Amata City Chonburi Industrial Estate in Chonburi Province, and the Amata City Rayong Industrial Estate in Rayong Province.

In 2025, the Company re-engaged the same consultant to assess GHG emissions and prepare Corporate Carbon Footprint (CFO) reports, separated into two entities: TTW, covering the Bang Len Water Production Plant, Krathum Baen Water Production Plant, and Bang Pa-in Water Production Plant (BLN, KTB, and BIE); and PTW, covering the Pathum Thani Water Production Plant. This assessment serves as a baseline year for setting future Net Zero commitments in collaboration with the Thailand Greenhouse Gas Management Organization (TGO).

#### 1.2 Carbon Footprint of Product (CFP) Project

This initiative is intended to respond to the needs of customers and water users across three service areas (Nakhon Pathom, Samut Sakhon, and Pathum Thani), as well as the Bang Pa-in Industrial Estate. The scope covers the water production facilities of TTW (BLN, KTB, and BIE) and PTW.

The Corporate Carbon Footprint (CFO) was verified by the Renewable Energy and Environmental Research Center, University of Phayao, while the Carbon Footprint of Product (CFP) was verified by Dr. Surat Setpho, Head of the Greenhouse Gas Certification Unit, University of Phayao. The verification process was conducted from 15 to 18 December 2025.

### 2. Participation in the Thailand Carbon Neutral Network (TCNN)

In 2024, the Company became a member of the Thailand Carbon Neutral Network (TCNN) as an organization initiating greenhouse gas management practices. In 2025, the Company further participated in the Climate Action Leading Organization (CALO) program, aimed at promoting leadership in greenhouse gas management. As part of the program, ECEE Co., Ltd., the CALO consultant appointed by the Thailand Greenhouse Gas Management Organization (TGO), conducted three on-site advisory sessions with the Company's management. The collaboration supported the development of a greenhouse gas reduction plan and a Net Zero pathway in accordance with TGO guidelines, which was successfully completed.

The CALO project advisory findings indicated that the Company's most significant greenhouse gas (GHG) emission source is electricity consumption, accounting for approximately 99.5% of Scope 1 and Scope 2 emissions. For Scope 3 emissions, key sources include fuel- and energy-related activities, chemical procurement for production processes, and sludge disposal from the water treatment system. The CALO consultant introduced the use of the Net Zero Setting Tool to establish a Net Zero emissions target by 2050, in accordance with the guidelines of the Thailand Greenhouse Gas Management Organization (TGO). A 5-year Net Zero pathway model was also developed, including GHG emissions forecasting based on the Company's water sales volume and planned mitigation measures. Key GHG reduction initiatives include the installation of a solar farm at the Bang Len Water Production Plant, as well as solar rooftop systems at the Krathum Baen Water Production Plant (BP2) and the Mahachai Water Distribution Station (SS3).

However, as the above plan is based on actual data from only the first six months of 2025 and estimated figures for the remaining six months, the Company intends to revise the figures to reflect updated and actual data. The Company will use the full 12-month verified GHG emissions data for 2025 as the baseline year. In addition, the Company is preparing an expanded electricity reduction plan through further investment in renewable energy (Solar Cell systems). The proposal is currently being compiled for submission to the Board of Directors for approval. Once the internal approval process is completed, the Company will be able to disclose its GHG reduction plan in accordance with its organizational policy. Subsequently, the Company will proceed with the Net Zero Commitment process in collaboration with the Thailand Greenhouse Gas Management Organization (TGO).

On 3 November 2025, the Company will receive a certificate of recognition as a pilot organization under the Climate Action Leading Organization (CALO) program, which promotes greenhouse gas management towards net-zero emissions. The award will be presented by the Minister of Natural Resources and Environment, together with nine other member organizations of the Thailand Carbon Neutral Network (TCNN).