THAICOM

Reduction of greenhouse gas emissions towards a Net Zero goal

Commitment and goals

The Company is committed to continuously reducing greenhouse gas emissions to align with the Paris Agreement's goals, which aim to limit the average global temperature increase to no more than 1.5 degrees Celsius compared to pre-industrial levels. The Company is committed to:

1. Achieving net-zero greenhouse gas emissions by 2050
2. Implementing the Net Zero Pathway project following the guidelines of the Thailand Greenhouse Gas Management Organization (Public Organization) (TGO), with the goal of annually reducing greenhouse gas emissions by 3.7 percent compared to the base year, from 2025 to 2029.

Reporting scope

The scope of reporting is based on operational control, covering the Company's two locations of business operation as follows:

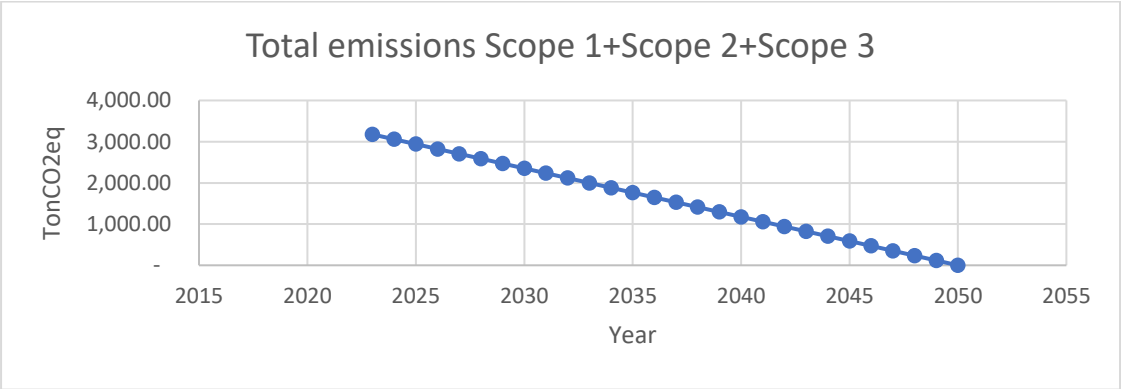
1. Head office located at 87/1 Capital Tower, 23rd and 24th floor, All Seasons Place, Wireless Road, Lumpini, Pathumwan, Bangkok
2. Thaicom Satellite Station, 50 Moo 1, Bo Ngen sub-district, Ladlumkaew district, Pathum Thani.

Aiming for net-zero greenhouse gas emissions by 2050

The Company joined the project to promote the setting of greenhouse gas emission targets for the industrial sector in 2025, aiming for Net Zero using a Science-Based Targeting approach, organized by the Thailand Greenhouse Gas Management Organization (Public Organization) (TGO). This aims to inform the organization about approaches to reducing greenhouse gas emissions and to develop an action plan for reducing greenhouse gas emissions that can lead to a net-zero emission pathway, in accordance with TGO's guidelines.

Goal setting

The Company aims to achieve net-zero greenhouse gas emissions by 2050, using a linear baseline from the base year to 2050, as shown in the graph below.



Targets for Net Zero Pathway 2025 - 2029 and Net Zero 2050

Scope of Greenhouse Gas emission	Base year 2023	Net Zero Pathway's starting year 2025	Net Zero Pathway's target year 2029	Net Zero's target year 2050	% reduction per year
Scope 1 emissions (Ton CO2e)	308	285	240	-	3.70%
Scope 2 emissions (Ton CO2e)	2,395	2,218	1,863	-	3.70%
Scope 3 emissions (Ton CO2e)	473	438	368	-	3.70%
Total Scope 1+2+3 (Ton CO2e)	3,176	2,941	2,470	-	3.70%

THAICOM

Net Zero Pathway Tracking Schedule 2025 to 2029

Scope of Greenhouse Gas emission	Base year 2023	1st year 2025	2nd year 2026	3rd year 2027	4th year 2028	5th year 2029
Scope 1 emissions (Ton CO2e)	308	285	274	262	251	240
Scope 2 emissions (Ton CO2e)	2,395	2,218	2,129	2,040	1,951	1,863
Scope 3 emissions (Ton CO2e)	473	438	420	403	385	368
Total Scope 1+2+3 (Ton CO2e)	3,176	2,941	2,823	2,705	2,588	2,470
Cumulative percentage reduction compared to the base year (Compared to total)	-	7.41%	11.11%	14.81%	18.52%	22.22%

Performance Schedule for 2025

Performance	Base year 2023	1st year 2025	2nd year 2026	3rd year 2027	4th year 2028	5th year 2029
Scope 1 emissions (Ton CO2e)	308	189	-	-	-	-
Scope 2 emissions (Ton CO2e)	2,395	2,031	-	-	-	-
Scope 3 emissions (Ton CO2e)	473	401	-	-	-	-
Total Scope 1+2+3 (Ton CO2e)	3,176	2,621	-	-	-	-

Cumulative percentage reduction compared to the base year (Compared to total)	-	17.47%	-	-	-	-

Remarks:

1. The Company's carbon footprint data for 2025 has been verified by NPC Safety and Environmental Services Co., Ltd. The calculation of the organization's carbon footprint is based on the revised edition of the 6th edition of the Corporate Carbon Footprint Calculation and Reporting Regulations, July 2022, by the Thailand Greenhouse Gas Management Organization (Public Organization), for the purpose of registering the organization's carbon footprint.
2. The level of verification and assurance of the Company's carbon footprint data for 2025 limited (limited level of assurance), with a materiality level of 5%.
3. The Scope 3 emissions data in the **Performance Schedule for 2025** table, which is equal to 401 Ton CO2e, results from fuel and energy-related activities not included in Scope 1 or Scope 2 (Category 3: Fuel- and Energy-Related Activities not included in Scope 1 and Scope 2). This is based on the criteria chosen by the Company, which are derived from the recommendations of the Thailand Greenhouse Gas Management Organization, as follows:
    - 3.1 Magnitude or size of the activity
    - 3.2 Level of influence or greenhouse gas emission reduction potential of the activity
    - 3.3 Level of risk to the business
    - 3.4 Level of business opportunity
    - 3.5 Sector guidance

Based on the results of greenhouse gas emission reduction activities in 2025 compared to the base year (2023), the total amount of greenhouse gases of Scope 1, Scope 2, and Scope 3 in 2025 is 2,621 Ton CO2e, a decrease of 17.47% compared to the base year, which is better than the set target.

Greenhouse gas reduction plan

Since the Company's largest source of greenhouse gas emissions is electricity consumption, accounting for 88.61% of total greenhouse gas emissions in the base year, the Company has management plans or projects to reduce electricity consumption, which will help reduce greenhouse gas emissions as follows:

Year	Project	Saving (kWh)	Amount of greenhouse gas reduction (tCO_2e)	Amount of greenhouse gas reduction (↓%)
2024	Installation of new precision air conditioner in the Downlink room	19,097	9.55	0.30%
	Installation of new air conditioners in container no. 1	6,500	3.25	0.10%
2025	Installation of new precision air conditioner in the Downlink room (continuing from 2024)	38,194	19.09	0.60%
	Installation of new air conditioners in container no. 1 (continuing from 2024)	13,000	6.50	0.20%
	Replacement of Uninterruptible Power Supply (UPS)	338,232	169.08	5.32%
	Installation of new air conditioners in container no. 4	2,073	1.04	0.03%
2026	Installation of new air conditioners in container no. 4 (continuing from 2025)	10,366	5.18	0.16%
2027	Installation of solar farm	730,000	364.93	11.49%
Total amount of reduction		**1,131,865**	**565.82**	**17.9%**

The Company is committed to monitoring its greenhouse gas emission reduction performance to meet the Net Zero Pathway targets for 2025-2029. It is anticipated that the installation of solar farms in 2027 will significantly reduce greenhouse gas emissions.