

Silicon Craft Technology Public Company Limited

CFO stands for Carbon Footprint for Organization, which means the amount of greenhouse gases emitted by the organization’s activities, such as fuel combustion, electricity use, waste management, and transportation, measured as tons of CO₂ equivalent. There are three measurement scopes (SCOPE) as follows:

SCOPE I: The calculation of CFOs (Indirect Emissions) is directly from various activities of the organization, such as the combustion of fuel from machinery, corporate use of vehicles (owned by the organization), and chemicals related to greenhouse gases in wastewater treatment.

SCOPE II: The calculation of CFO from energy consumption (Energy Indirect Emissions) is from the purchase of energy for use in the organization, such as electric power, thermal power, and steam power.

SCOPE III: Other indirect CFO calculations, such as employees’ use of non-corporate vehicles, travel for offsite seminars, and utilization of materials and equipment.

Following the commitment to drive the Company in becoming “A Low Carbon Company,” the Company thus focuses on reducing the amount of greenhouse gases generated by its operations. Ever since 2021, the Company has collected data on corporate greenhouse gas emissions in Scope 1 and 2, verified and certified by inspectors from the Greenhouse Gas Management Organization (TGO). The organization has been found to have direct greenhouse gas emissions (Scope 1) amounting to 19 tons of CO₂ equivalent, and indirect greenhouse gas emissions (Scope 2) amounting to 82 tons CO₂ equivalent, or 1.58 tons CO₂ equivalent per net profit of 1 million baht.

Summary of greenhouse gas emissions for the current year (1 January–31 December 2021)

Scope	Greenhouse emissions of organization (tCO ₂ e/yr)	Proportion Scope 1 and 2
Type 1	19.00	18.81
Type 2	82.00	81.19
Total Scope 1 & 2	101	100.00
Carbon intensity (Scope 1+2)	1.5781	TonCO ₂ eq/MB