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PAT: GREENING OUR WAY FORWARD SUSTAINABLE PORT

International Policy on Climate Change

Global Sustainable Development Report



the 17 Sustainable Development Goals (SDGs)

the Global Goals, were adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity.

The Paris Agreement

Its overarching goal is to hold “the increase in the global average temperature to well below 2°C above pre-industrial levels” and pursue efforts “to limit the temperature increase to 1.5°C above pre-industrial levels.”

IMO ACTION TO REDUCE GREENHOUSE GAS EMISSIONS

IMO's initial GHG strategy set in 2018, which aimed to cut GHG emissions by only 50% by 2050

Thailand's National Statement at COP26

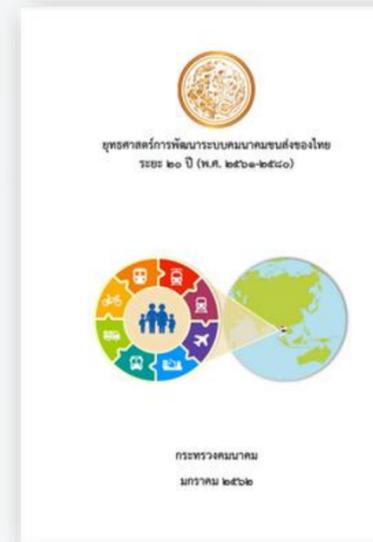
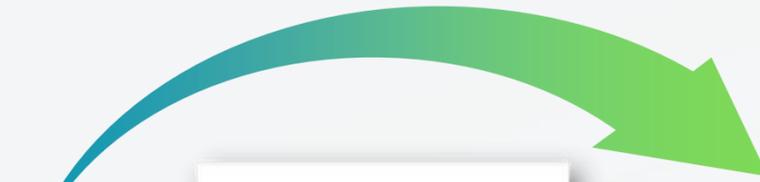
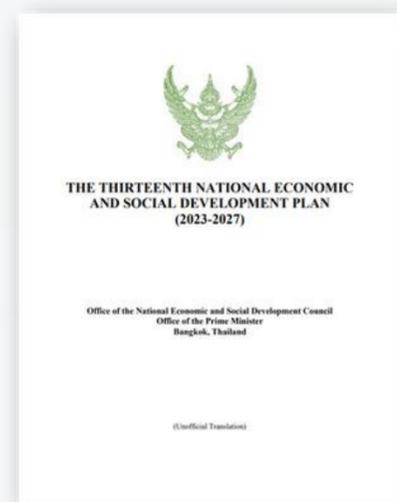
Thailand's willingness to be more aggressive in addressing the climate change challenges in every way and every means possible, by aiming at reaching carbon neutrality in 2050, and Net Zero Emission in or before 2065.

Thailand Low-Carbon Policy in the transport sector



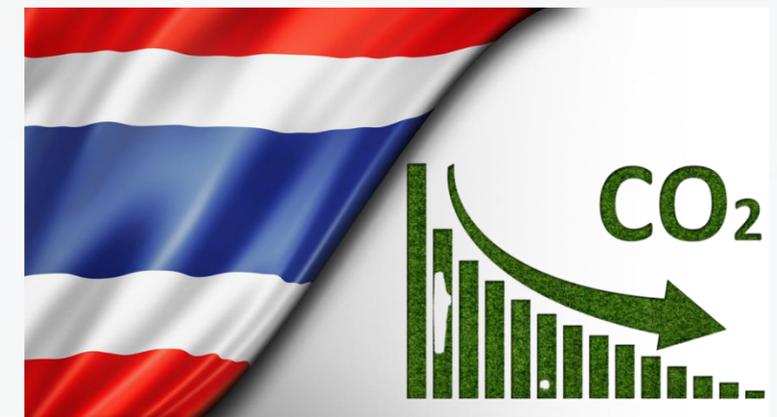
Thailand's 20-Year National Strategy (2018-2037)

13th Thailand National Economic and Social Development Plan (2023-2027)



Thailand Transport Development Strategic Plan 2018-2037

carbon neutrality in 2050, and Net Zero Emission in or before 2065.

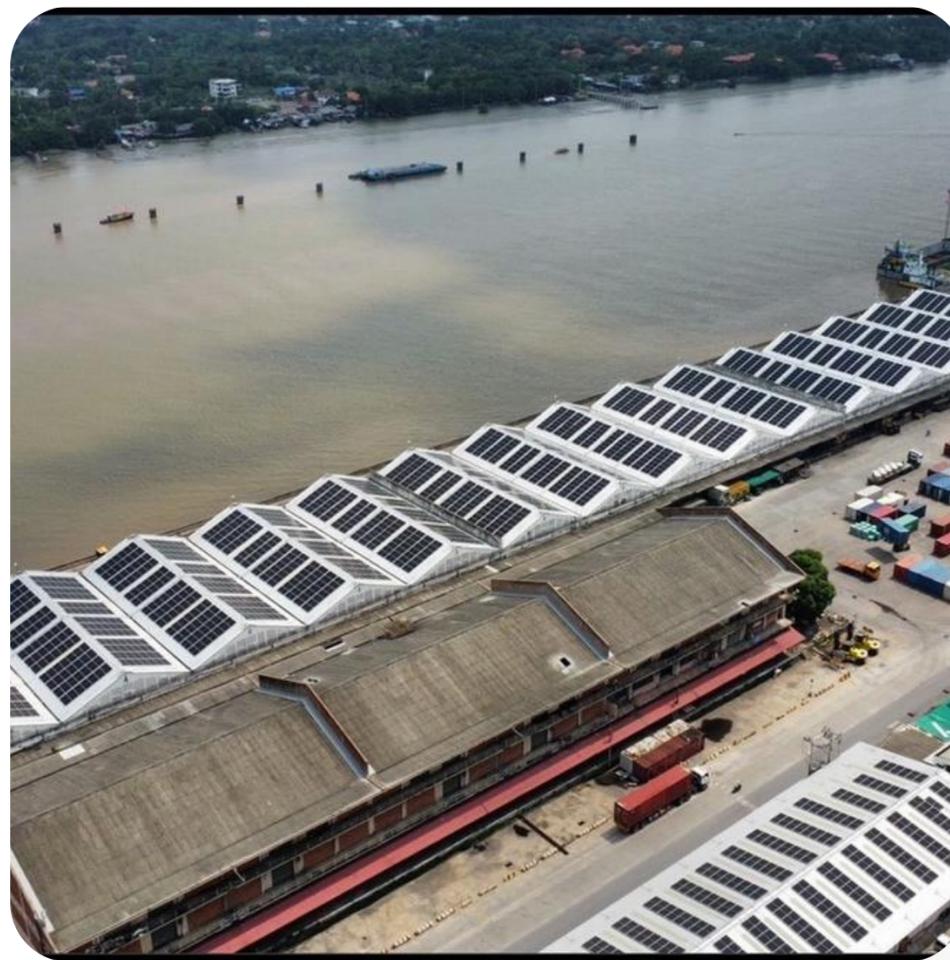


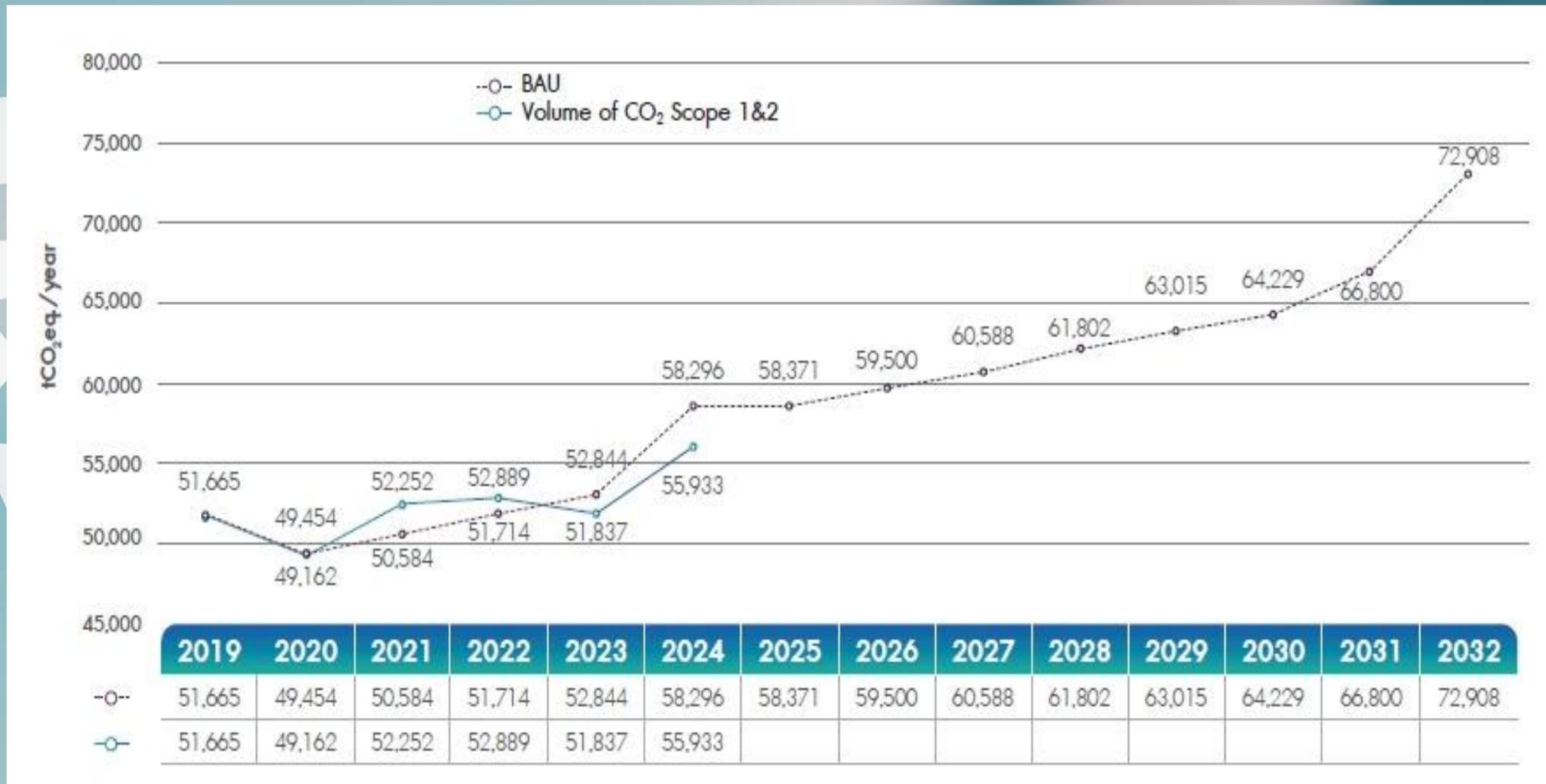
LEADING SUSTAINABLE PORT

Greening our way forward with Decarbonization, Development and Dynamic Collaboration



- Environmental Management Master Plan as a guiding framework
- Clear targets to align internal units and stakeholders
- Systematic management of low-carbon and environmental projects





- Commitment through clear targets and the Environmental Master Plan
- Use of Carbon Footprint of Organization (CFO) for monitoring
- Demonstrating concrete and measurable results

Standards Accreditation

Certificate Number:
TGO CFO FY20-097

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THAILAND GREENHOUSE GAS
MANAGEMENT ORGANIZATION
(Public Organization) TGO

CERTIFICATE
Awarded to
PORT AUTHORITY OF THAILAND
Company address verified: 444, THARUA ROAD, KLONGTOEY, BANGKOK 10110, THAILAND

Thailand Greenhouse Gas Management Organization certifies that the quantity of Greenhouse Gas of the above organization has been verified by Water and Environment Institute for Sustainability The Federation of Thai Industries and found to be in accordance with the requirements of the standard detailed below.

Standard
TGO Guidance of the Carbon Footprint for Organization

Verification Period: [01/01/2019 - 31/12/2019]
Total Greenhouse Gas Emission (Scope 1&2): 51,665 ton CO₂eq/year

Direct GHG emissions	23,134 tonnes of CO ₂ eq
Energy Indirect GHG emissions	28,531 tonnes of CO ₂ eq
Other Indirect GHG emissions	0 tonnes of CO ₂ eq

The agreed level of assurance is: Limited At materiality of 5%
Registration Date: 27 August 2020


Mr. Kiatchai Maitriwong
Executive Director
Thailand Greenhouse Gas Management Organization (Public Organization)

Certificate Number:
TGO CFO FY24-02-049

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THAILAND GREENHOUSE GAS
MANAGEMENT ORGANIZATION
(Public Organization) TGO

CERTIFICATE
Awarded to
Port Authority of Thailand
Company address verified: 444 Tarua Road, Klongtoey, Bangkok 10110

Thailand Greenhouse Gas Management Organization certifies that the quantity of Greenhouse Gas of the above organization has been verified by Management System Certification Institute (Thailand): MASCI and found to be in accordance with the requirements of the standard detailed below.

Standard
TGO Guidance of the Carbon Footprint for Organization

Verification Period: [01/10/2021 - 30/09/2022]
Total Greenhouse Gas Emission (Scope 1&2): 52,869 tonCO₂e/year

Direct GHG emissions	24,894 tonCO ₂ e/year
Energy Indirect GHG emissions	27,995 tonCO ₂ e/year
Other Indirect GHG emissions	119,927 tonCO ₂ e/year

The agreed level of assurance is: Limited, at materiality of 5%
Registration Date: 28 November 2023


Mr. Kiatchai Maitriwong
Executive Director
Thailand Greenhouse Gas Management Organization (Public Organization)

Thank You

For Your Attention

