



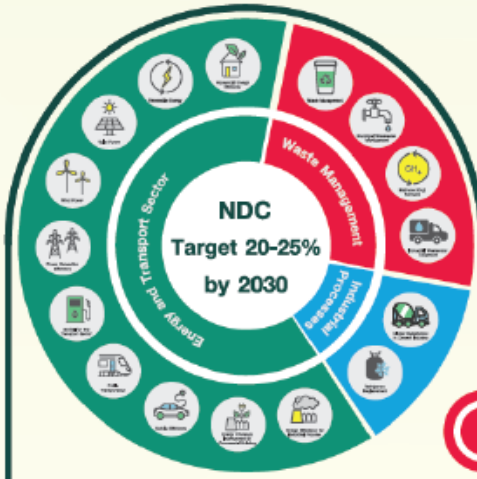
Thailand's Long-term Greenhouse Gas Emission Development Strategy



2018 Thailand's National Adaptation Plan (NAP)

VISION

Thailand is resilient with adaptive capacity to climate change impacts and moves towards sustainable development.



A transition towards low emission development

Aims to reduce GHG by 40% with international support

2030

50% share of renewable electricity generation of new power generation capacity



2021

NDC Nationally Determined Contribution Implementing starts

Submission of LT-LEDs Long-term Low Greenhouse Gas Emission Development Strategy Implementing towards achieving net zero GHG emission and Carbon Neutrality within this century

Improve Energy Efficiency and Promote Energy System Transformation through

- Decarbonisation
- Deregulation
- Digitalisation
- Electrification
- Decentralisation

- Increase and Remain Primary Forest
- Regenerate Natural Forest Area
- Increase Economic Forest Area
- Increase and Remain Cropland
- Reduce Biomass Burning



Achievement of CO₂ removals of 120 MtCO_{2eq}

2037

CARBON NEUTRALITY

Reduction of GHG emissions in various sectors:

- Energy
- Industrial Processes and Product Use (IPPU)
- Agriculture
- Waste
- Land Use, Land Use Change, and Forestry

2035



69% share of electric vehicles of new vehicles in the market

2050



2065

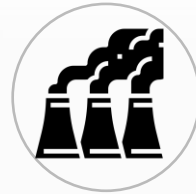
Achievement of **NET-ZERO GHG Emission** while looking forward to enhanced international cooperation and support on finance, technology, and capacity-building to achieve this ambition



Recommendations for Thailand moving forward to achieve carbon neutrality target in 2050.



Expedite green transition to renewable energy.



Cap on carbon emission from heavy emitters.



Divert fund to frontier renewable technologies.



Standardize carbon certification.

Pathway to NET ZERO 2050



B Breakthrough Performance 3
Efficiency and Process Improvement = 30%

C Conserving Nature and Society 1
Green and Blue Carbon = 10%

P Proactive Business Growth and Transition 6
Green Portfolio, Future Technology and Carbon Offset = 60%

NET Net Zero Ecosystem
Ecosystem Creation



SCAN
to visit our website
www.carbonmarketsclub.com
& Join us now
(free of charge)

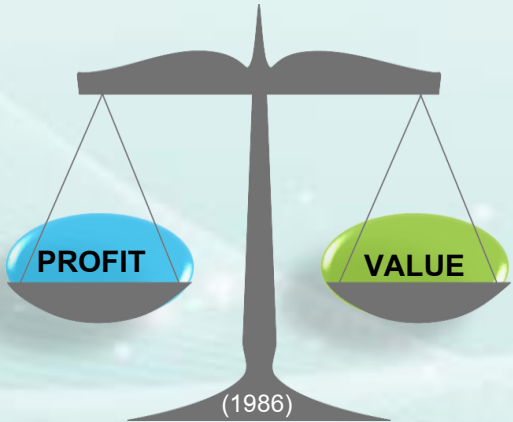
BCP's ESG Recognition



Sufficiency Economy Award



(2011)



From ESG to Business Platform



Agricultural Cooperative Service Stations

1990



The Bangchak Cooperative Service Station
Shared Value between Bangchak and Communities

CSR in Process

1998



1st Gasohol and Biodiesel Offering

2010



2017 Biodegradable Cup



Inthanin



2017



2020

Winnonie



2021



Q4/2022

Thailand's First CDMO for SynBio Technology



Carbon Neutrality by 2030

Net Zero by 2050

Niche Products Refinery;
New Production Record
@125.1 KBD



Maximize Utilization Rate

81% (88%*) 102%

83% TAM

*Excluding TAM

New High UCO Yield
Strengthening our product here

2020	2021	6M2022
5%	9%	12%

Utilization during COVID



Inthanin





Greenovative Destination



Mobility as A Service

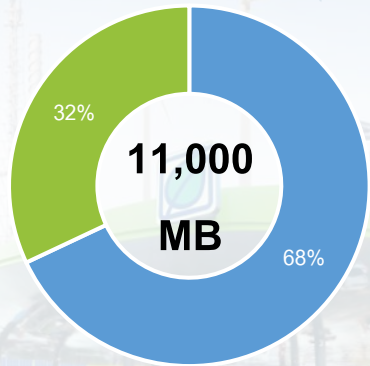
- 2022 Road Map: 2,200 Users | 100 Stations
- Net Usage Mileage: 11M Kilometers (To-date)
- Carbon Saving: 1M Kg. CO2 equivalent (To-date)



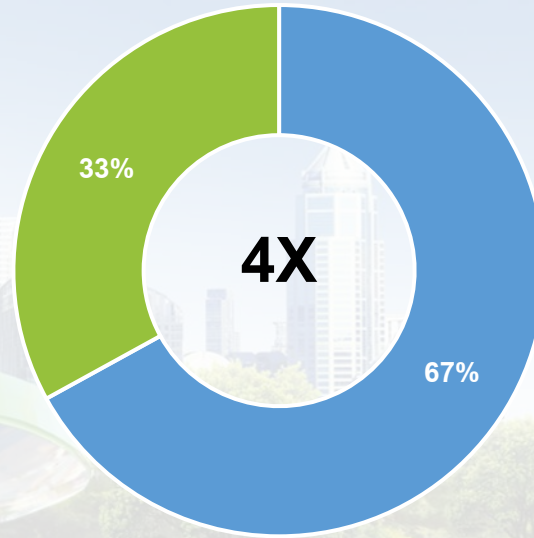
Sustainable Growth **10X EBITDA**, aim to reach 50%

in new (green) economy and become a **carbon neutral company** in Y2030

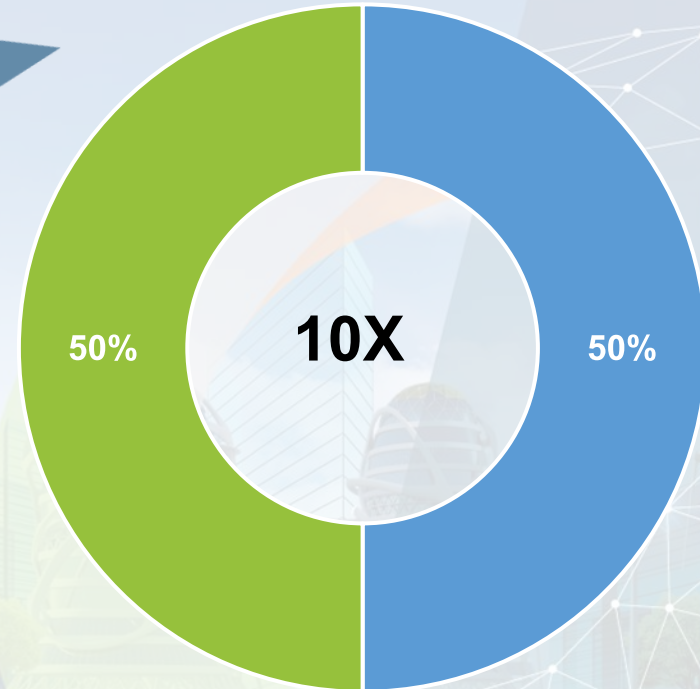
CAPEX (2022 – 2026) 20,000 – 25,000 MB per annum



Avg. 2015-2019



Avg. 2020-2025



Yr. 2030

Avg. 2010-2014: 7,400 MB

■ New (Green) Economy ■ Old Economy