



**Asia-Pacific
Economic Cooperation**

2025/CTI/CONF1/013

Thailand's Climate Policy and Measures

Submitted by: Thailand



**Conference on Quality Infrastructure
Investments to Address
Environmental Challenges of the
Cities in APEC Region
Tokyo, Japan
17-18 June 2025**



Thailand's climate policy and measures

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Environmental, Practitioner Level

**Department of Climate Change and Environment
Ministry of Natural Resources and Environment**

Outline

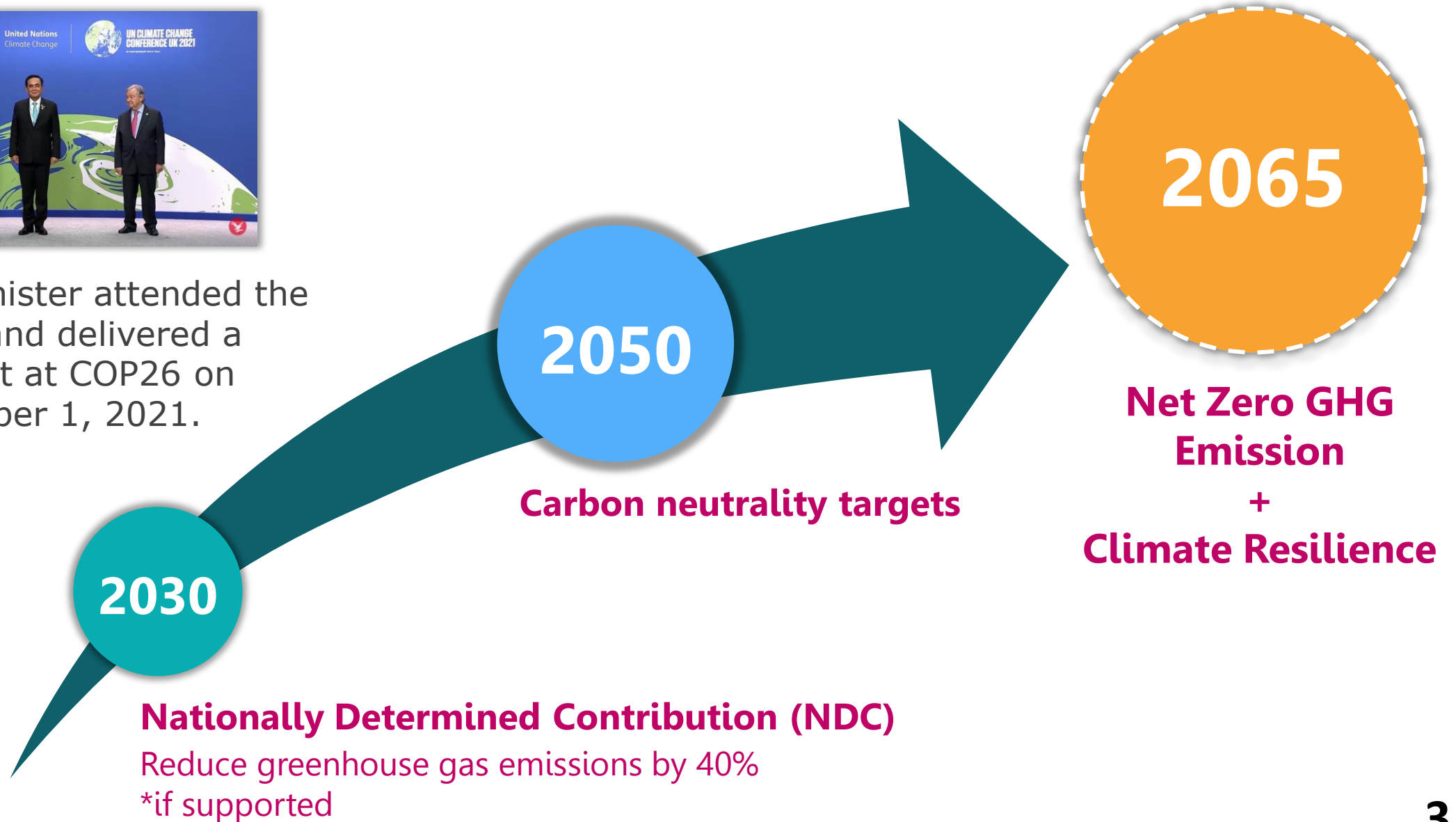
- **Climate Change Policy in Thailand**
- **Adaptation measures implemented in Thailand**
- **Good practices and Lessons Leant**



Thailand's greenhouse gas reduction targets



The Prime Minister attended the meeting and delivered a statement at COP26 on November 1, 2021.



Integration of Climate Change in Thailand's Policy and Planning Structure



Top Policy Layer

National Strategy (2018-2037)

The Fifth Strategy - Sustainability of national biodiversity, environmental quality and natural resources eco-friendly development and growth
(3) Foster Sustainable Growth within an Environmentally Friendly Socio-Economic Framework

Second Policy Layer

Master plan under the national strategy

- Issue 18 Sustainable growth
- Sub-Plan 3: Creating sustainable growth in a climate-friendly society

Reform Plan

- (Draft) CC Act ...
- Greenhouse Gas Emission Database System

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

Third Policy Layer

Thailand's Climate Change Master Plan 2015 - 2050

Adaptation

Mitigation

Enabling Environment

NDC Action Plan

Carbon Neutrality target by 2050 and Net Zero Emission by 2065

Energy

Transport

IPPU

Waste

Agriculture

Forestry

BCG Model

National Adaptation Plan

Thailand's Climate Change Master Plan 2015 - 2050

Approved by the Cabinet on 14 July 2016

Vision 2050

"Thailand is resilient to the impacts of climate change and achieves low carbon growth through sustainable development"

- Agriculture and Food Security
- Natural Resource
- Human Health
- Tourism
- Human Settlement and Security
- Water Management



- Power Generation
- Transportation
- Industry
- Building Energy Consumption
- Waste Management
- Agriculture
- Forest
- Urban Management

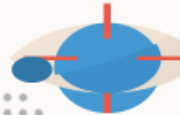
- Research Studies and Technologies
- CC Local Knowledge and Public Awareness



- Climate Change Implementing Mechanism
- International Collaboration/Cooperation

National Adaptation Plan: NAP

Vision



Thailand is resilient to climate change and has low-carbon growth following a sustainable development approach"

Missions



Building resilience to climate change in nation developments



Empowerment and awareness of development partners at all levels



Development database, research and study **Knowledge and technology**

6



Water



Agriculture



Tourisms



Public health



Natural resource



Settlement

Related fields

Sectoral Integration





Human Settlement and Security



➤ **Guideline 1**

Management of Metropolises and Large Cities, such as the development of mixed-use land utilization and the promotion of multi-functional green spaces.

➤ **Guideline 2**

Management of Small Cities and Communities, such as the development of localized urban plans to support climate change adaptation, and the establishment of real-time information and communication networks to ensure timely response to emerging situations.



➤ **Guideline 3**

Supporting Mechanisms for Human Settlement and Human Security Management, such as the development of disaster warning and reporting systems, the enhancement of community capacity to respond to disasters, and the promotion of access to various forms of assistance for vulnerable populations.



Good Practices and Lesson Learnt

- 1. On Nut Urban Forest Park, Bangkok**
- 2. Makkasan Zone C Departure Park, Bangkok**
- 3. Water management in Bueng Boraphet wetland area**

The Resilient Urban Centres and Surrounds Program



On Nut Urban Forest Park, Bangkok



The Resilient Urban Centres and Surrounds Program



Makkasan Zone C Departure Park, Bangkok

Water management in the Bueng Boraphet wetland area



Small-scale tourism group



Earthen pond fish farming group

**Bueng Boraphet,
Nakhon Sawan**



Lotus root collection group



Fisherman group



Paddy rice production group

Way Forward



WAY FORWARD



- **Communication**
- **Local Wisdom**
- **Climate Change Act**
- **Climate finance**
- **National Climate Change Information Center**
- **Monitoring systems**



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กรมการเปลี่ยนแปลงสภาพภูมิอากาศและสิ่งแวดล้อม



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