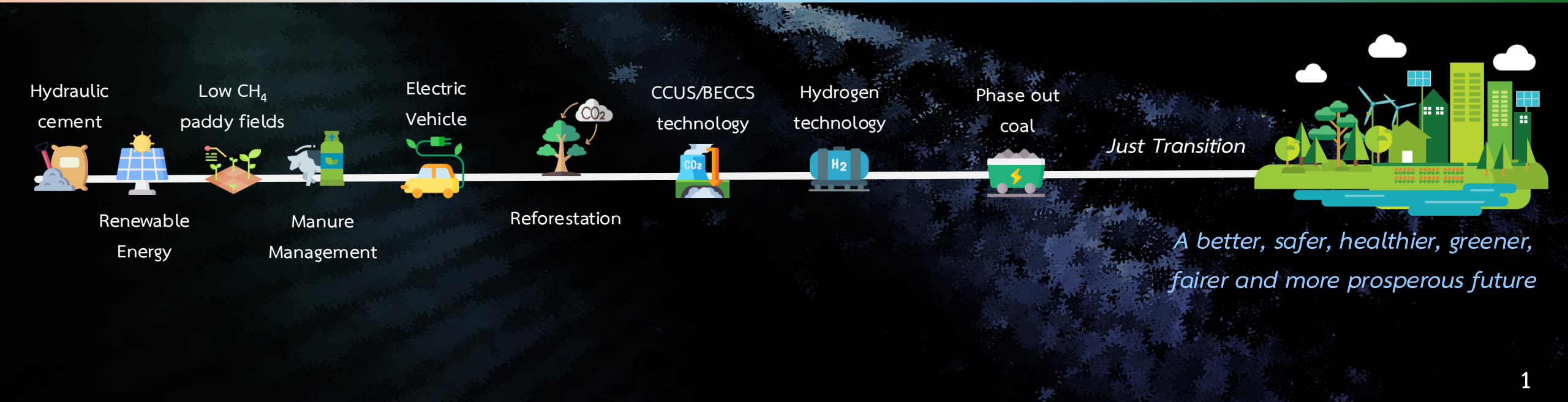
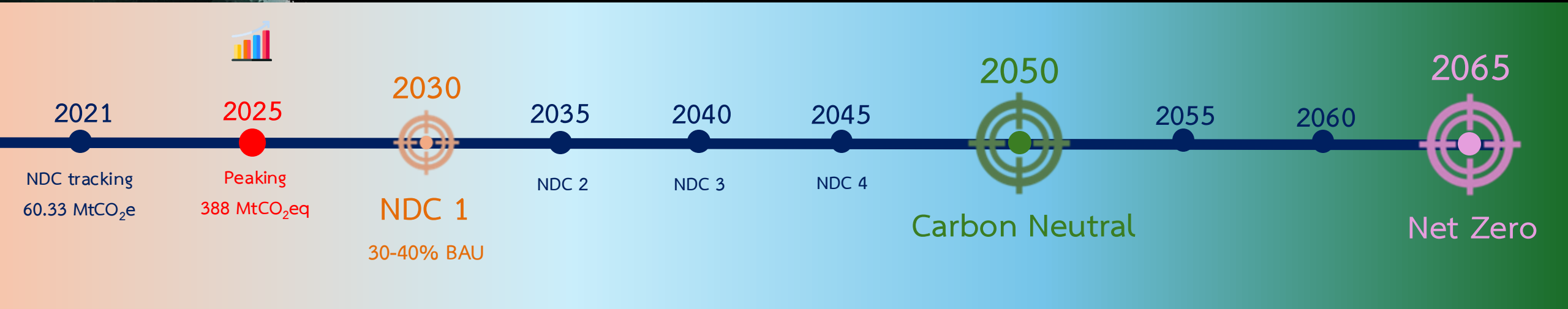




# Thailand's Decarbonization Pathway



# The First Global Stocktake in COP 28

*"The first GST to accelerate implementation globally"*

A CSE COP28 BRIEFING PAPER

## THE FIRST GLOBAL STOCKTAKE

KEY DEBATES AND THE WAY FORWARD



### Key Finding



Cannot yet achieve Pathway 1.5 °C  
Need to increase RE x 3 times and EE x 2 times



Phase down utilization of coal and issuing new coal license  
without GHG emission reduction mechanism



Need to reduce GHG by 43% by 2030 and 60% by 2035 (compare  
to 2019 level) and to achieve Net zero CO<sub>2</sub> emissions by 2050



Increase sufficient support on finance, technology, capacity  
building for developing countries



Reduce utilization and production of fossil fuel  
And Phase out insufficient fossil fuel subsidy



Accelerate green technology that emits low or zero GHG  
e.g. nuclear, hydrogen, CCUS



Just Transition and NDC 2030 financing (approx. 5.8 - 5.9 trillion USD)



financing Loss and damage fund 792 million USD by 2024





# Draft Climate Change Act B.E. ....

- Chapter 1 General
- Chapter 2 Climate Change Goal
- Chapter 3 National Climate Change Policy Committee
- Chapter 5 Master Plan to support Climate Change

## Mitigation

- Chapter 6 Greenhouse Gas Database
- Chapter 7 Reduction of Greenhouse Gases
- Chapter 8 Emission Trading Scheme: ETS
- Chapter 9 Carbon Tax System
- Chapter 10 Carbon Credits

- Chapter 4 Climate Change Fund
- Chapter 12 Measure to promote action on Climate Change
- Chapter 13 Green Taxonomy

- Chapter 14 Penalties

## Adaptation

- Chapter 11 Adaptation to Climate Change
  - National Database
  - National Adaptation Plan
  - Sectoral Action Plan



# Draft Climate Change Act B.E. ....

## Chapter 2

### Thailand Climate Goal

align with International convention (Mitigation and Adaptation)



Line agencies to integrate national policy and targets into sectoral policies and plans

## Chapter 4

### Climate Change Fund

Provide funds for mitigation, adaptation, and enabling environment activities under guidance of NCCC and supervision of CC Fund Board



## Chapter 6

### Greenhouse Gas Database



Development of National GHG Inventory and Preparing report under UNFCCC framework

- Reporting GHG emission by Legal entity
- Implementing the Emission Trading Scheme system

## Chapter 8

### Emission Trading Scheme (ETS)

Mandatory measure to reduce GHG emission and promote country's transition to sustainable development

- Managing ETS system
- Developing emission allowance plan
- Limiting GHG emission in the industries that rely on fossil fuel
- Providing greater efficiency on GHG reduction than carbon tax

## Chapter 9

### Carbon Tax System

Reduce GHGs emission and manage the problem of cross-border greenhouse gas leaks

- Collecting tax and fee on product
- Collecting fossil fuel tax in transport sector and energy sector and high GHGs emission product

## Chapter 10

### Carbon Credit

Manage carbon market and increase its liability while supporting sustainable development

- Carbon credit management mechanism
- Carbon credit for ETS offsetting
- Carbon credit for Article 6.2

## Chapter 13

### Green Taxonomy



## Chapter 14

### Penalties

To prevent and deter violations of regulations as well as to prevent harmful consequences arising from such violations and to motivate individuals to comply with the law.

Violation the provisions regarding

- reporting information
- ETS
- Carbon credit business operation without registering with TGO

