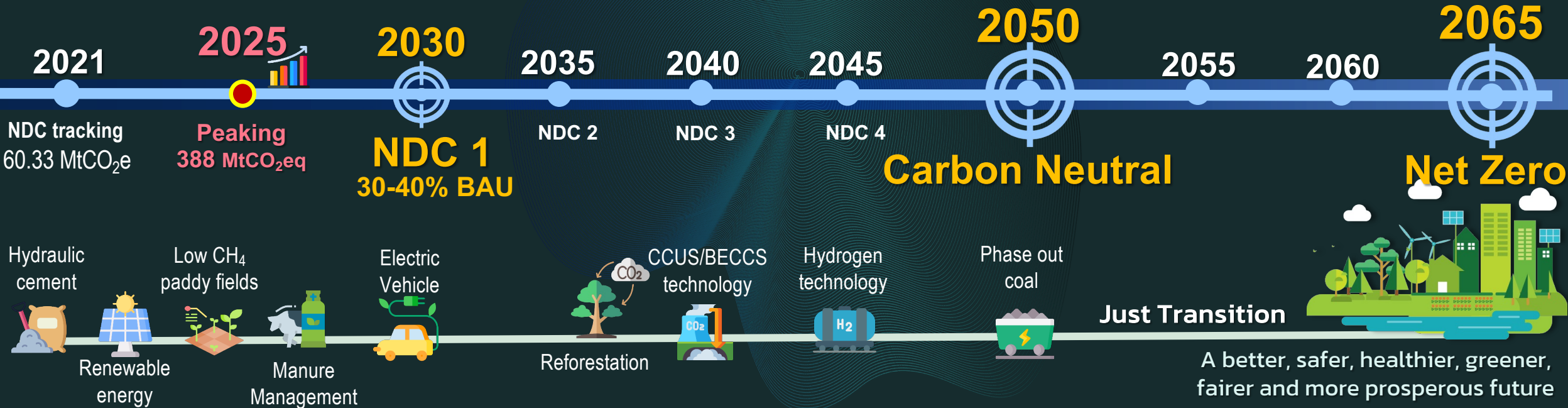




Gaps data and Information needed for VNRs and NDCs

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

Thailand's Decarbonization Pathway



NDC Action Plan 2021 - 2030

Energy & Transport	IPPU	Waste	Agriculture
Domestic Implementation 33.2%	Inter. Support 6.8%	Art. 6 of PA 3%	

- Climate Change Act
- Blended Finance
- Market Mechanism
- Data Center
- Technology, R & D
- Public Awareness

Energy & Transport	IPPU	Waste	Agriculture	Forest

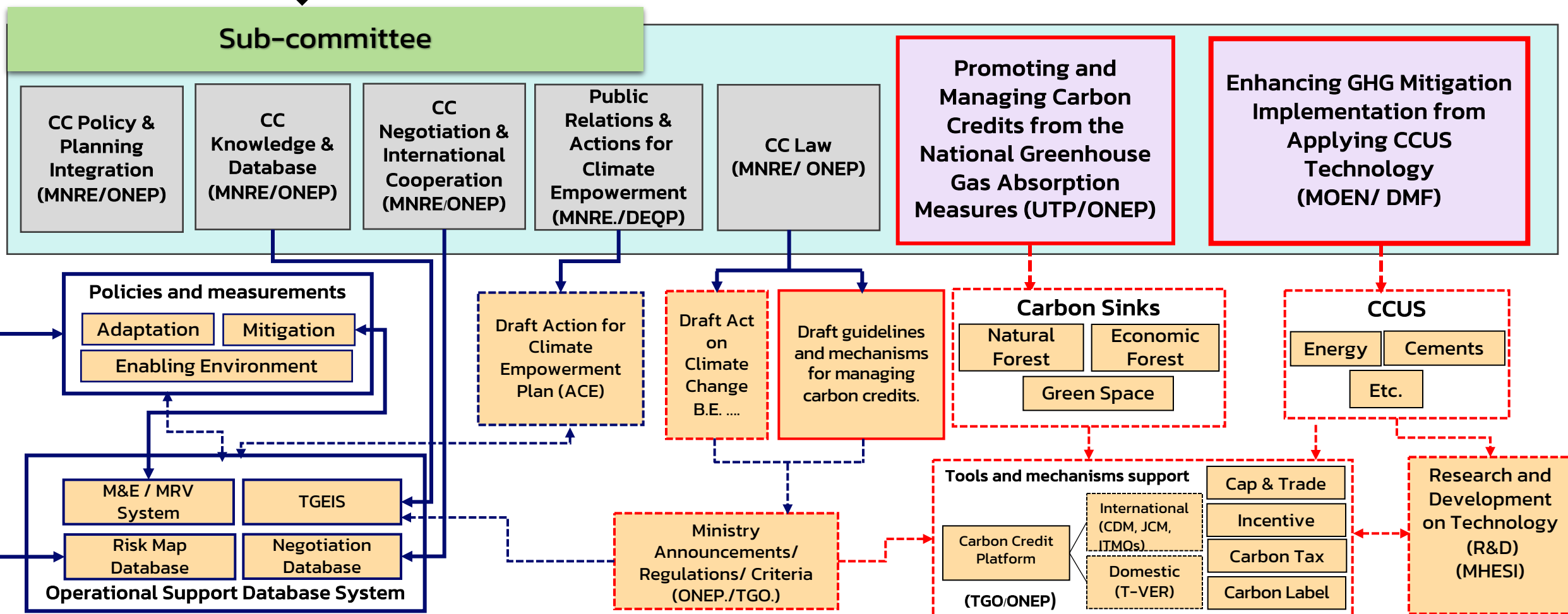




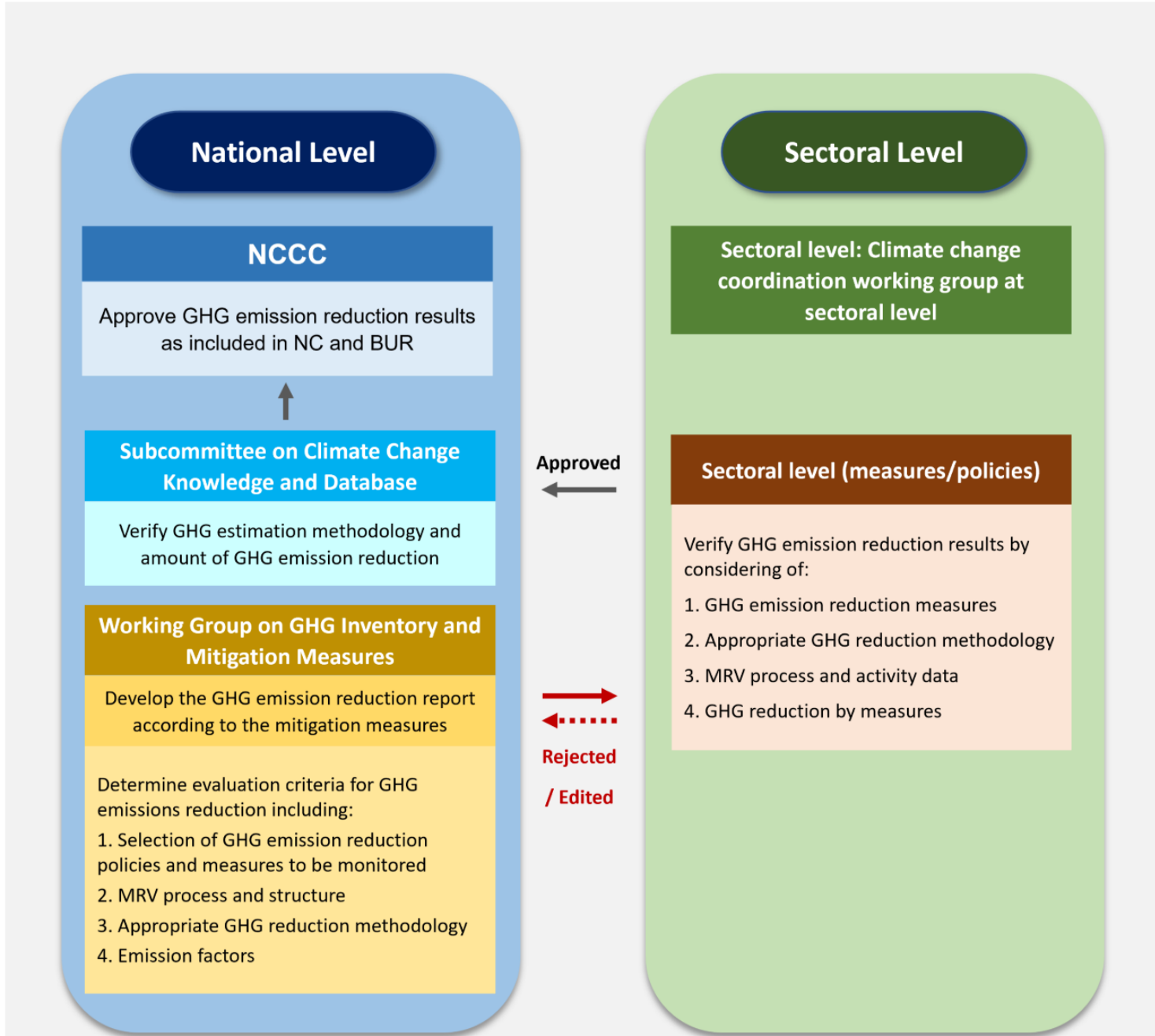
Institutional Mechanisms for Climate Change in Thailand

National Committee on Climate Change Policy (NCCC)

Cabinet



The structure of domestic MRV system



Challenges and Limitations

- High investment and operating costs of proposed measures and actions, particularly for technologies and infrastructures
- Barriers in the energy sector, such as limitations of grid connection, lack of financial support for energy efficiency and renewable energy investments, lack of domestic technological and technical resources, and negative public perception
- Need for an effective coordination across different sectoral agencies, which are currently lacking
- Importance of international cooperation and support mechanisms to address barriers, make technological solutions more affordable, and strengthen the capacity of developing countries to implement solutions effectively and sustainably

Data gaps

1. National GHG Inventory

- Lack of GHG emission of NF_3 for National GHG Inventory.
- Challenges transitioning to higher tier methodologies.
- Difficulties in collecting data in some sectors.

2. Mitigation Measures and Indicators

- Need for clear and measurable indicators for mitigation measures that align with the National GHG inventory and support the achievement of NDC 2030 targets

3. Data Management and Centralization

- Incomplete or inconsistent data across different sectors and ministries
- Lack of platforms to consolidate all relevant data from private and public sectors for effective reporting and decision-making

Information needed



1. Guidelines or recommendations for countries whose emissions peak after 2030



2. Guidelines for Developing a Sectoral Energy Transition Plan Aligned with the 1.5°C Pathway



3. Guidelines or recommendations on prioritizing the types of enabling environments that should be put in place first to facilitate and support sectors/stakeholders in achieving NDC targets.



4. Standardized methodologies for mitigation measures and knowledge sharing for effective MRV frameworks.



5. Sharing knowledge and best practices on legal frameworks and modalities to support Thailand's LT-LEDS and NDC implementation

Data Gaps & Information needed



- 1. Baseline year for data collection**
- 2. Overlapping responsibilities among different government agencies**
 - Lack of Central Coordination
 - Need for a simple, user-friendly platform for gathering and sharing climate data
- 3. Inconsistent Approach in Higher Education**
 - Need for Standardized Approach