



# Country Preparation to Implement NDC, Cooperation Schemes, Remaining Gaps and Needs

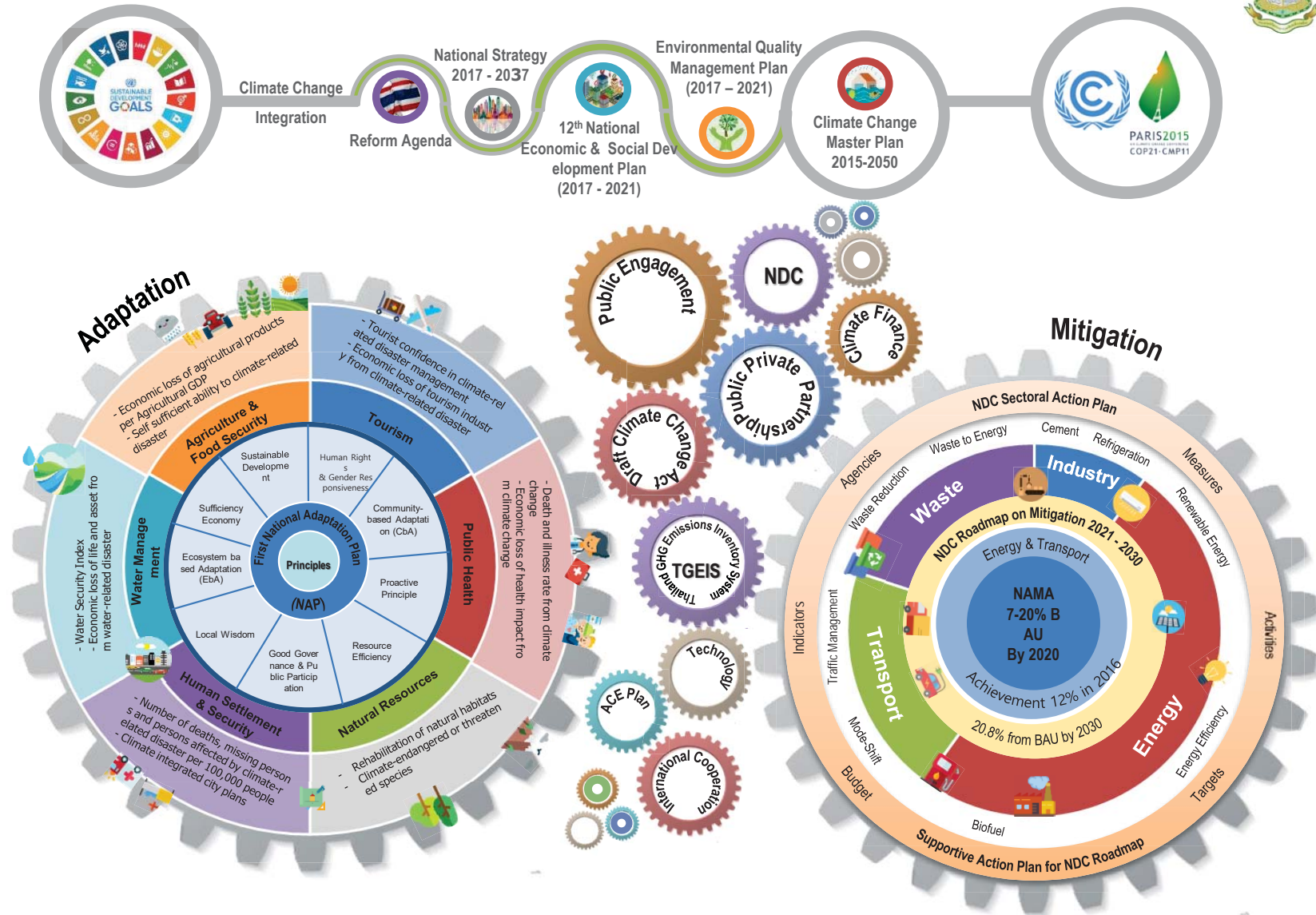
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Official Side Event “Regional Focused Dialogue on NDC Implementation in Southeast Asian Countries – Facilitating Joint Crediting Mechanisms (JCM) and Stocktaking of Capacity Gap & the Role of Regional Capacity Building Platform”  
Thursday, 20<sup>th</sup> June 2019 at Room Bonn, World Conference Center, Germany





# THAILAND's Climate Change Policies and Actions





# Thailand's NDC Roadmap on Mitigation 2021 - 2030



## The Cabinet endorsed on 23<sup>th</sup> May 2017

- Main agencies develop sectoral action plans
- ONEP provide supportive action plan and MRV guideline
- Bureau of the Budget support and allocate budget for implementing
- Implementing agencies report the progress to ONEP every 6 months
- Monitoring and report once a year (according to the MRV guideline)

**0.6 MtCO<sub>2</sub>eq**

- Clinker substitution
- Replacement of refrigerants



**IPPU**



**20.8%**

**115.6 MtCO<sub>2</sub>eq**



**Waste**



**Energy & Transport 113 MtCO<sub>2</sub>eq**



- Increase power generation efficiency
- Energy efficiency in buildings/households
- Energy efficiency in transport
- Renewable energy generation
- Promote biofuels etc.

**2 MtCO<sub>2</sub>eq**

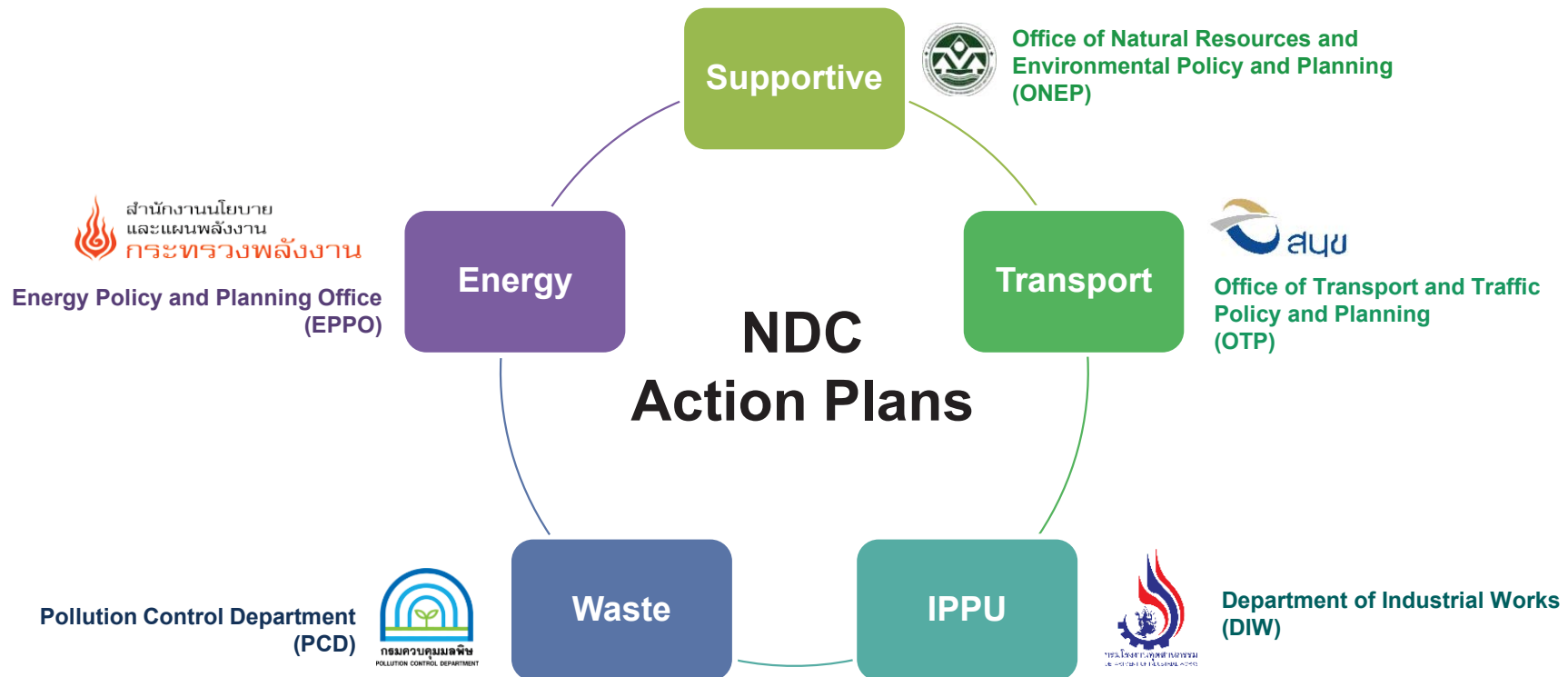
- Waste reduction
- Municipal wastewater management
- Industrial wastewater management



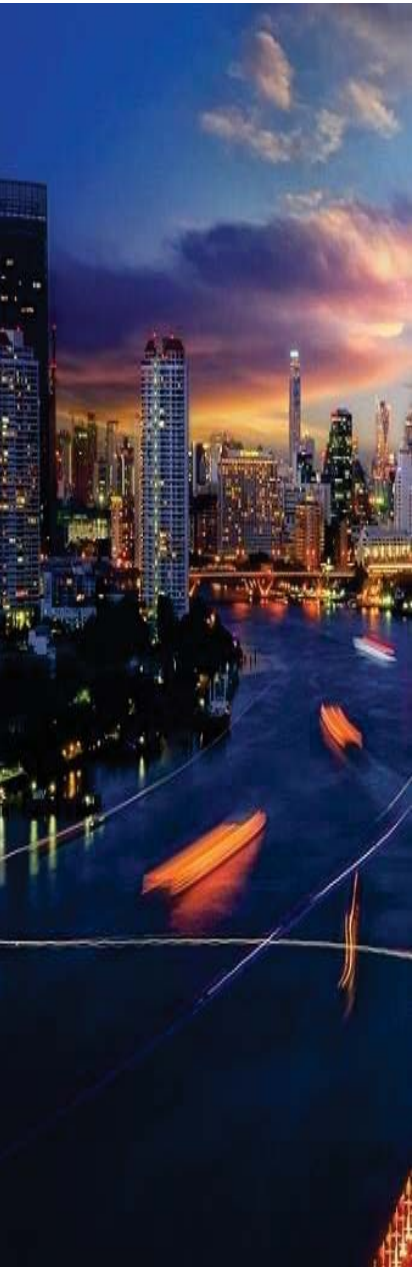
# Preparatory Phase



Developing the corresponding action plans to ensure the achievement of Thailand pledged targets of a 20% reduction from the 2030 BAU







# (draft) Supportive Action Plan for NDC Roadmap on Mitigation



- participatory processes:
  - 5 stakeholder consultations in 5 regional areas
  - 1 national consultation
- consists of 5 strategies

Appropriate research and development to support GHG reduction in the context of Thailand



**Strategy 1**

Development of economic mechanisms and incentives to support GHG reduction



**Strategy 2**

Cooperation from all stakeholders and capacity building in GHG reduction



**Strategy 5**

## Supportive Action Plan

Development of MRV system



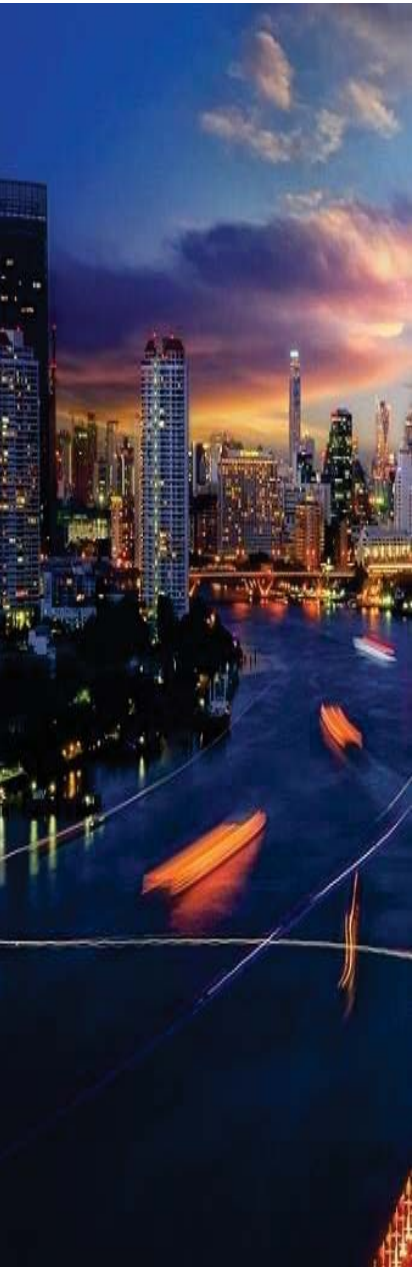
**Strategy 4**

Development and improvement of laws or regulations to support GHG reduction



**Strategy 3**



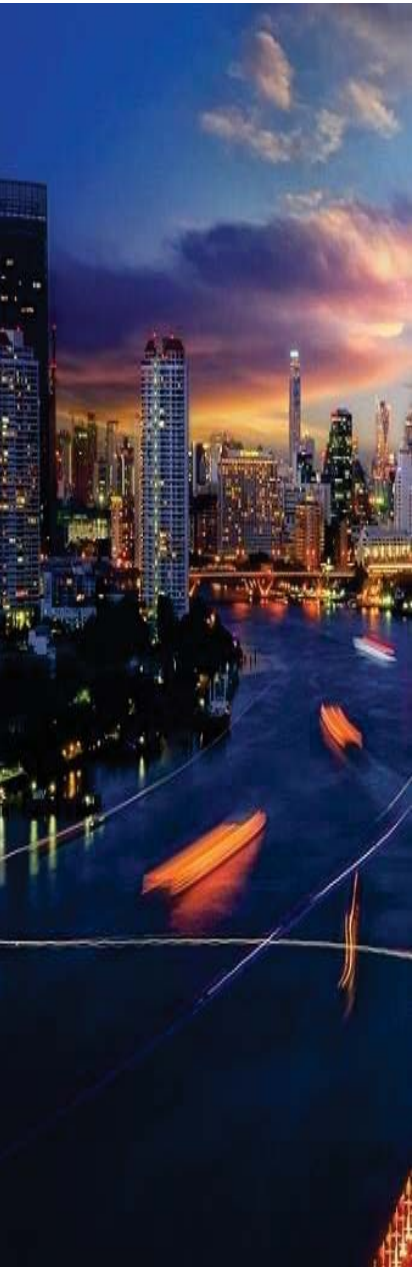


# Challenges



- **Methodology of MRV on new measures** under the NDC action plans.
- **Data collection** and country specific emission factor should be studied and improved.
- **Lack of Climate Change Law/Regulations** for reporting of GHG inventory and emission reduction.
- **Implementing agency 's budget allocation** is still not enough for preparatory and implementing process to obtain an effective mechanism or systems which have to be setup before implementing.
- **Capacity building** on climate change mitigation is still needed for implementing period. For example engagement of stakeholders in the waste sector is quite hard to be done at policy level. It should be forced into provincial and local level.





# Challenges



- **Human resources** are also important due to they will raise to robust implementation in long-term run for all sectors under the roadmap, so number of skillful workers should be increased for the new jobs that will be created in the future.
- **Public awareness** is important for effective NDC implementation. Various stakeholders are still unclear on the roles and responsibilities they have in taking action on mitigation measures.
- **Stakeholders engagement**, especially private sectors, invest technologies and infrastructures for enhancing NDC implementation and raising NDC ambition.



# Thank you



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