



24th ASIA-PACIFIC SEMINAR ON CLIMATE CHANGE

Thailand's Domestic Preparation for

Intended Nationally Determined Contributions (INDCs)

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29 JUNE 2015
Bangkok, Thailand

Institutional Framework for Climate Change Policy in Thailand

National Committee on Climate Change Policy (NCCC)

Chair

Prime Minister

Vice-Chairs

**Minister of Natural Resources and Environment and
Minister of Foreign Affairs**

Sub-committees

NCCC members:

- | | | |
|---|---------------------------------------|---|
| 1. Prime Minister's Office | 6. Ministry of Energy | Administration |
| 2. Ministry of Finance | 7. Ministry of Commerce | 14. Office of the National Economics and Social Development Board |
| 3. Ministry of Agriculture and Cooperatives | 8. Ministry of Interior | 15. Bureau of Budget |
| 4. Ministry of Transport and Communications | 9. Ministry of Science and Technology | 16. 5-9 Experts |
| 5. Ministry of Information and Communication Technology | 10. Ministry of Education | |
| | 11. Ministry of Public Health | |
| | 12. Ministry of Industry | |
| | 13. Bangkok Metropolitan | |

Secretariat

Ministry of Natural Resources and Environment (MoNRE)



ONEP/CCMC

(Policy formulation and National Focal Point)

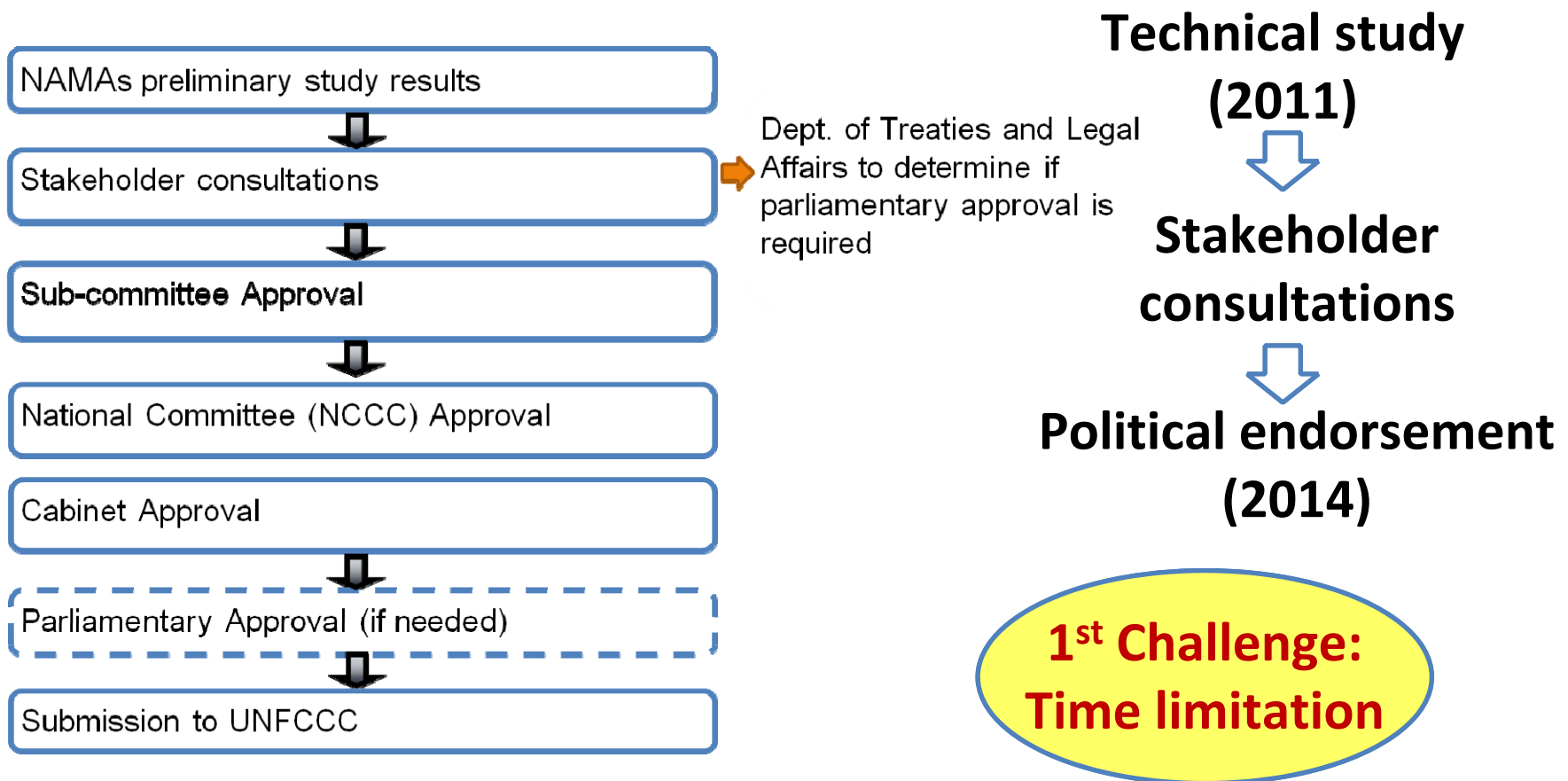
TGO



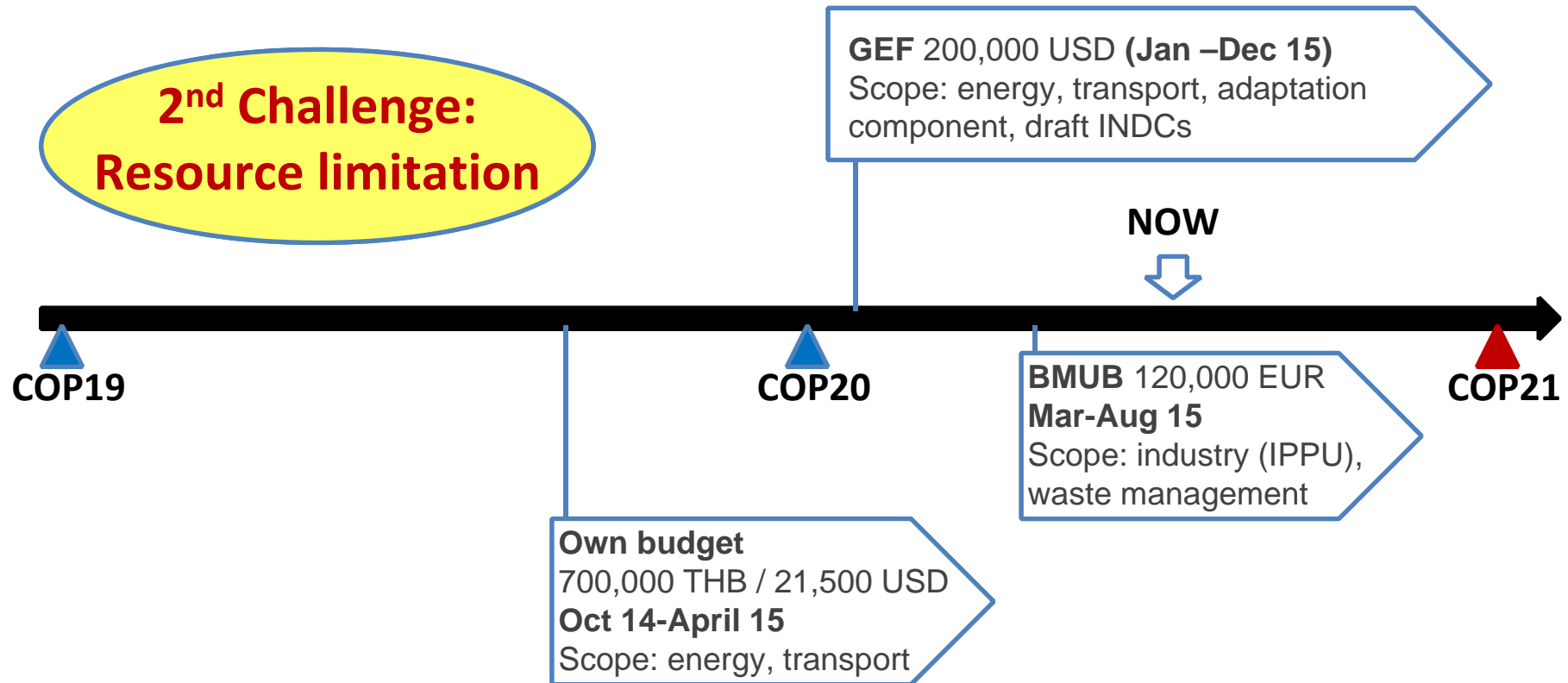
(DNA (for CDM) / Technical support and services to project developers)

Preparation of Thailand's INDCs

- Thailand's INDCs will be developed based on NAMAs.



Preparation of Thailand's INDCs



Preparation of Thailand's INDCs

Technical Analysis

- Thailand's INDCs will be developed based on NAMAs and will likely be on the basis of GHG reduction targets of the BAU.
- The base year is selected (currently using 2005, same as NAMAs). The target year is defined (currently 2030).
- The baseline emission for BAU is estimated on the basis of optimization modeling, for the energy and transport sectors (currently using AIM/Enduse model)
- The GHG countermeasures in Thailand's INDCs are obtained from the official national policies and plans. (e.g. Renewable Energy Plan, Energy Efficiency Development Plan, Environmentally Sustainable Transport System Plan, Waste Management Roadmap, etc.)
- GHG countermeasures will be ranked according to their MACs.

Further challenges

Preparation of Thailand's INDCs

Challenges in the technical process:

- **Access to sectoral data is sometimes difficult (esp. waste, industry). There is no official mandate to collect and share required data.**
- Technology cost data is not available for technologies not currently in use.
- **It is not possible to ensure the success rate of policies and plans used in mitigation scenarios**
- Institutional arrangement is not clearly defined for MRV. (No mandates and framework for data collection, reporting and verification due to lack of legal framework, capacity, resources)
- **How to gain and sustain stakeholder interest and acceptance**

Possible ways to address

Inter-ministerial task force is set up

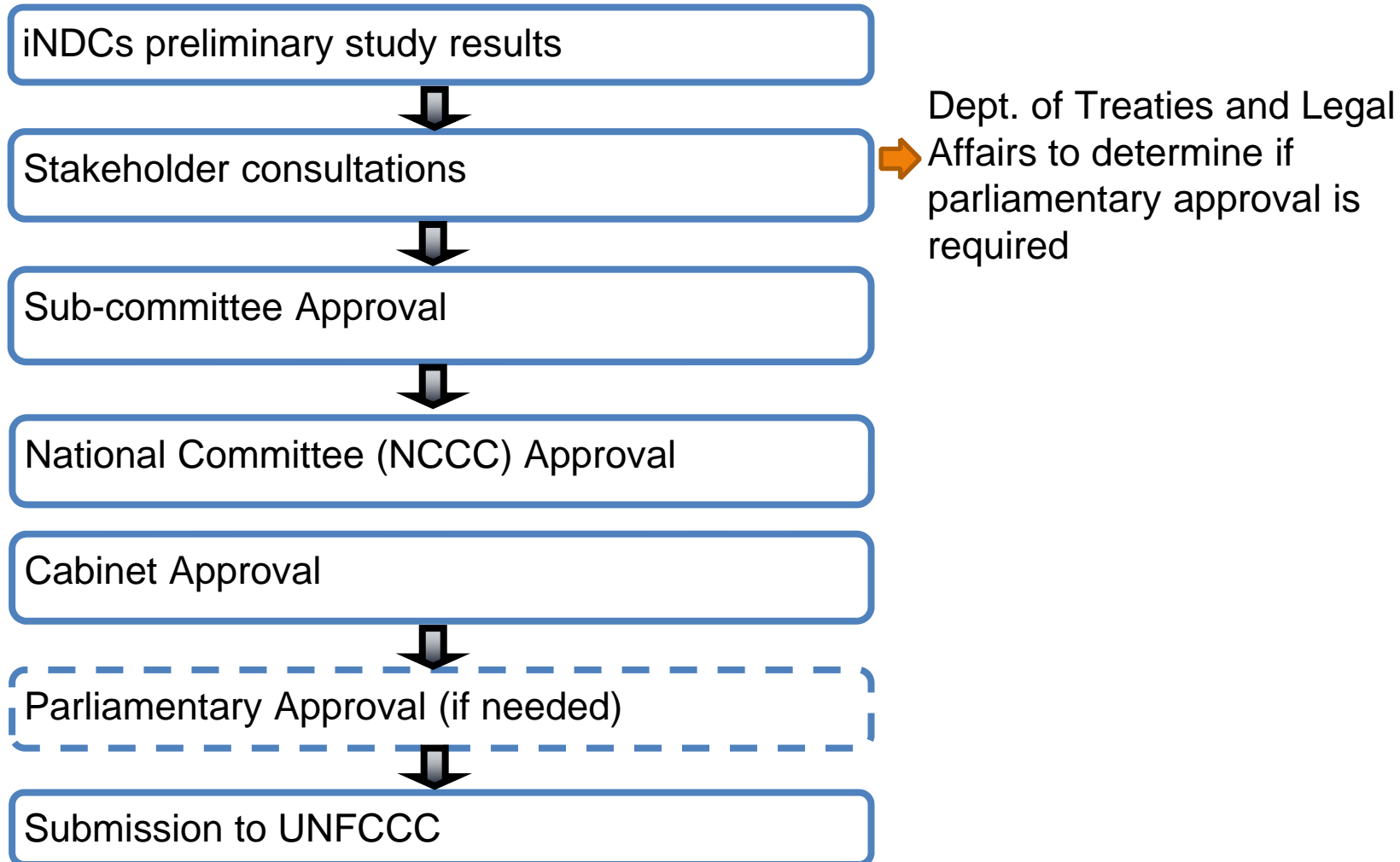
Need to clearly identify risks and success factors

Involve key decision makers at early stage and along the process
Demonstrate co-benefits

Next steps

- Further work in the preliminary technical results in the energy and transport sectors
- Continued technical work in the waste and IPPU sectors
- Stakeholder consultations for adaptation component of INDCs
- Drafting of INDCs to be submitted, including UFI
- Final political approval

INDCs Approval Process



Thank you.