



# Thailand's (I)NDC Situation

By

Office of The Natural Resources and Environmental Policy and Planning (ONEP)

Thailand Greenhouse Gas Management Organization (TGO)

14 November 2016

# Topic

- 1) Thailand's (I)NDC Submission
- 2) Thailand's (I)NDC Roadmap
- 3) Thailand's NAMA Tracking Experience

# Thailand's (I)NDC Submission

# GHG Mitigation Action of Thailand

## Pre-2020



### ❖ NAMA: COP20

**“Thailand will endeavor, on a voluntary basis, to reduce its GHG emissions in the range of 7 to 20 percent below the Business as Usual (BAU) in energy and transportation sectors in 2020, subject to the level of international support provided [...]”**

Coverage:

Renewable Energy

Energy Efficiency

Bio-fuels

Transport

## Post-2020

### ❖ INDC: COP21

**“Thailand intends to reduce its greenhouse gas emissions by 20 percent from the projected business-as-usual (BAU) level by 2030. The level of contribution could increase up to 25 percent, subject to adequate and enhanced [support] through a balanced and ambitious global agreement [...]”**

Coverage:

Economy-Wide

Inclusion of **LULUCF** will be decided later

LULUCF: Land Use and Land Use Change and Forestry

No 1006.3/ 11812



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1 October B.E. 2558 (2015)

Dear Executive Secretary,

Subject: Thailand's Intended Nationally Determined Contribution (INDC)

The Office of Natural Resources and Environmental Policy and Planning (ONEP), in its capacity as Thailand's national focal point to the United Nations Framework Convention on Climate Change, is pleased to communicate Thailand's Intended Nationally Determined Contribution (INDC), as attached.

Please accept the assurances of my highest consideration.

Yours sincerely,

Raweewan Bhuridej  
Secretary - General

## Submission by Thailand

### Intended Nationally Determined Contribution and Relevant Information

As a developing country highly vulnerable to the impacts of climate change, Thailand attaches great importance to the global efforts to address this common and pressing challenge. Pursuant to decisions 1/CP.19 and 1/CP.20, Thailand hereby communicates its intended nationally determined contribution (INDC) and the relevant information.

**Thailand intends to reduce its greenhouse gas emissions by 20 percent from the projected business-as-usual (BAU) level by 2030.**

**The level of contribution could increase up to 25 percent, subject to adequate and enhanced access to technology development and transfer, financial resources and capacity building support through a balanced and ambitious global agreement under the United Nations Framework Convention on Climate Change (UNFCCC).**

#### Accompanying information

Baseline:	Business-as-usual projection from reference year 2005 in the absence of major climate change policies <u>(BAU2030: approx. 555 MtCO<sub>2e</sub>)</u>
Time frame:	2021-2030
Coverage:	Economy-wide (Inclusion of land use, land-use change and forestry will be decided later)
Gases:	Carbon dioxide (CO <sub>2</sub> ), Methane (CH <sub>4</sub> ), Nitrous oxide (N <sub>2</sub> O), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulphur hexafluoride (SF <sub>6</sub> )



# Thailand's (I)NDC Roadmap

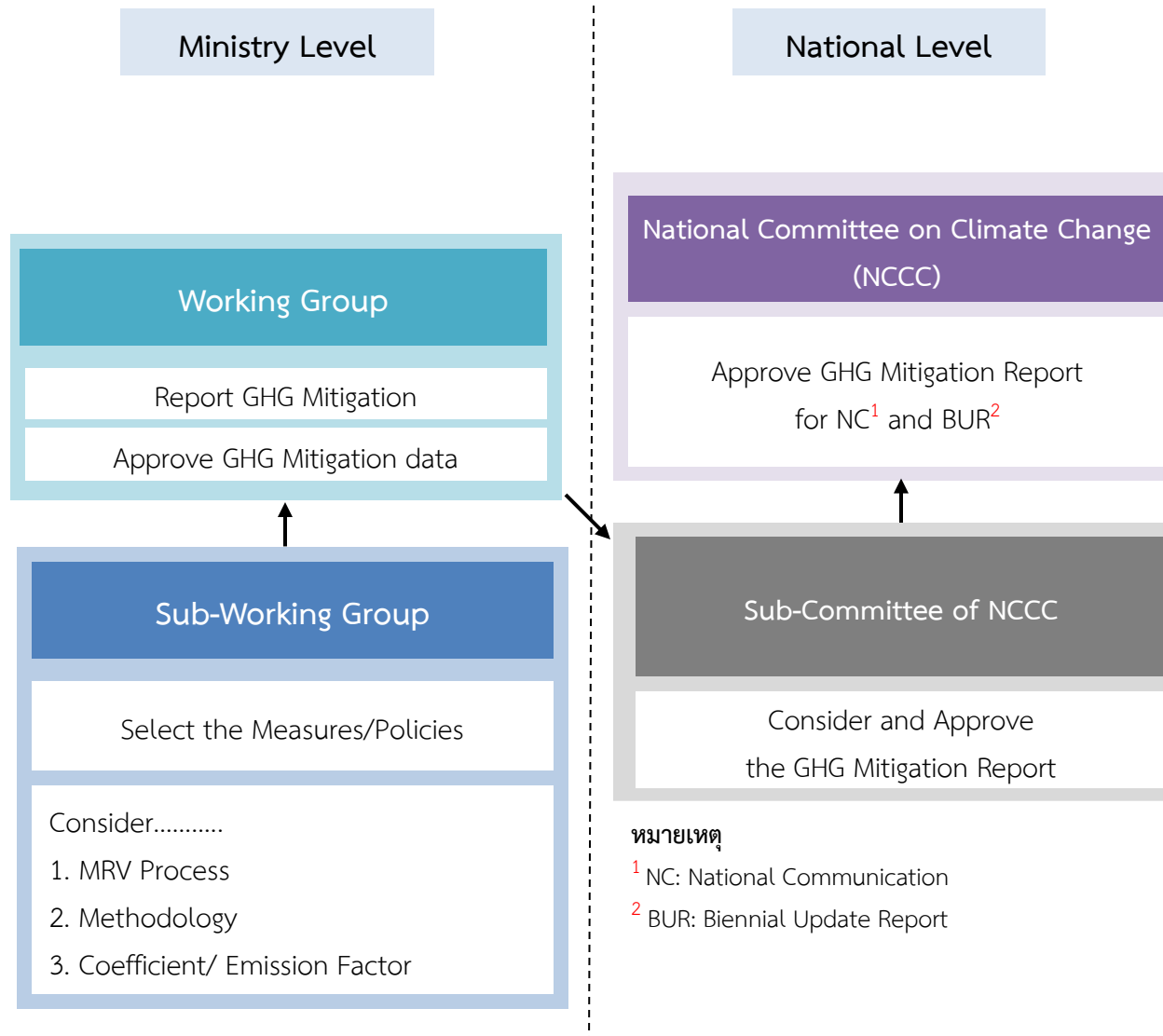
# GHG Reduction Potential of Energy Sector for INDC Roadmap

Potential Sector	Potential of GHG Reduction
Potential of (I)NDC Roadmap	not Less than <u>111</u> MtCO <sub>2</sub> e
1. Energy Sector	<p>20 – 25%</p> <p>By BAU 2030</p> <p>(Economy-Wide)</p>
2. Transport Sector	
3. Industrial Sector	
4. Waste Sector	
5. Agriculture Sector	

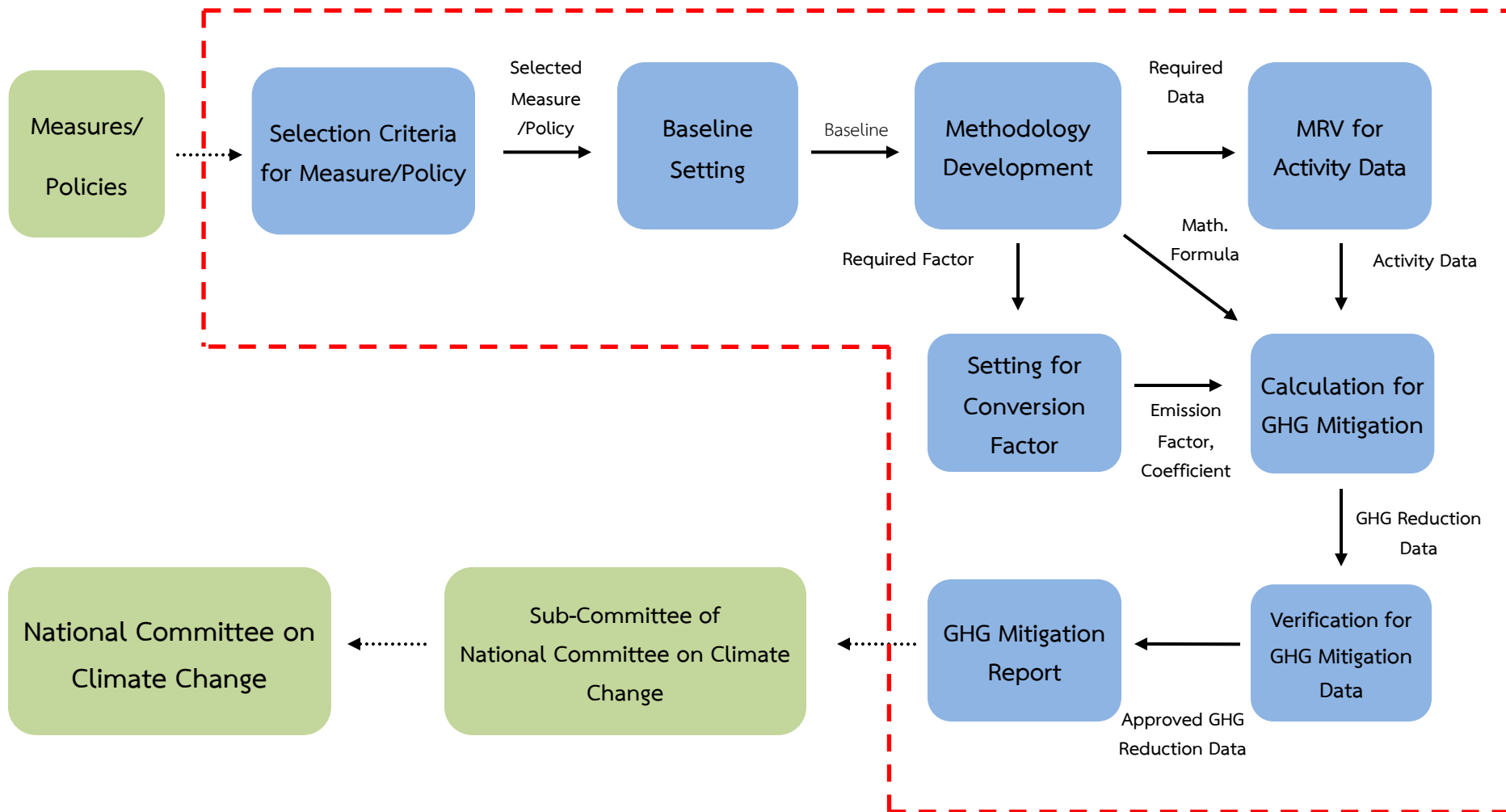


# Thailand's NAMA Tracking Experience

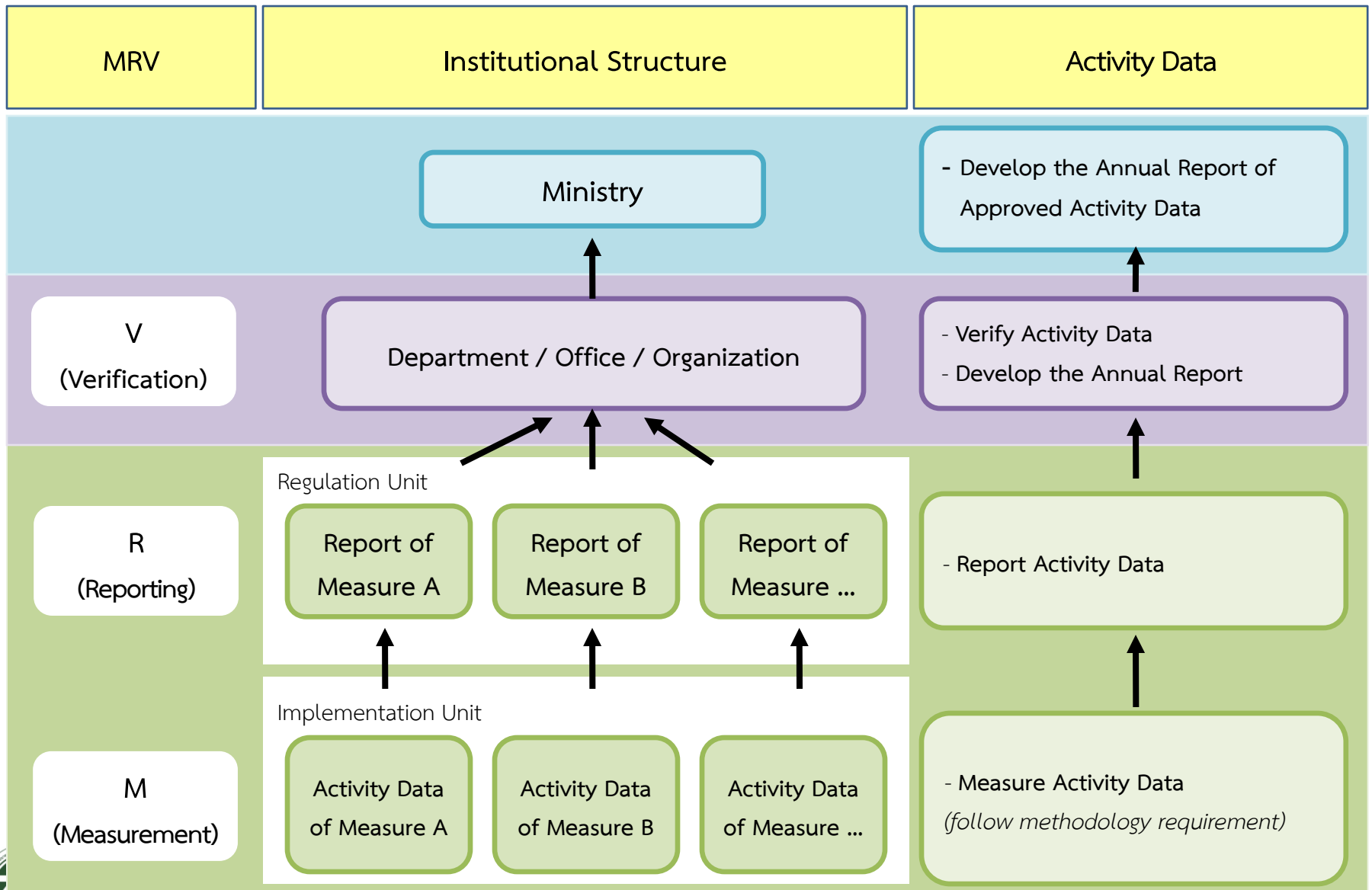
# Institutional Structure of GHG Mitigation Report



# Process of GHG Mitigation Tracking



# Concept of MRV Process



# Manual of GHG Mitigation Tracking for Energy and Transport Sector



# Capacity Building for Energy and Transport Sector

