



# Friday Workshop Mitigation and MRV within the ETF

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# Agenda

1. Why is the international/ national reporting important?
2. What are the guidelines, guidance, etc. used?
3. What are the planned next steps for reporting?



# 1) Why is the international/ national reporting important?

**International:** Showcasing national circumstances and capacities

**National:** Data, Fact and Figures for policy planning

**Regional:** Cooperation and peer-to-peer exchange

## How?

Data, Facts and Figures

→ **Measurement**

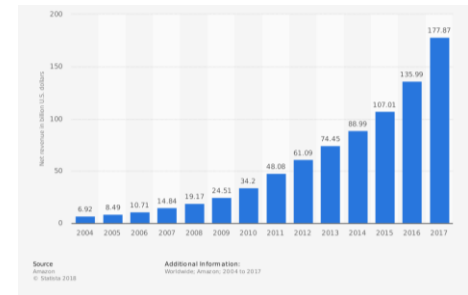
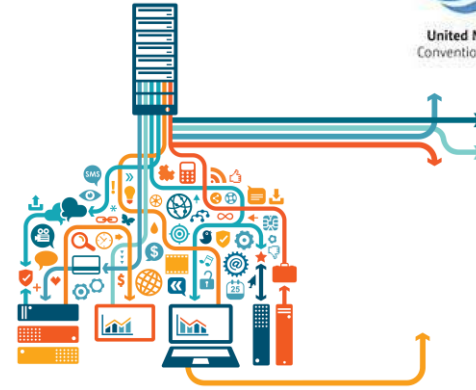
Regular Reporting about circumstances, needs, support and goals

→ **Reporting**

in a understandable way

→ **Verification**

- How may emission do we produce each year?
- Are our mitigation measures effective?
- How much do the measures cost?
- What is our contribution to the global 2 degrees Celsius/ 1.5 degrees Celsius goal?



# Existing international guideline's for reporting of GHG Inventory and Mitigation

## International Reports: UNFCCC

### Old Guidelines for

- National Communication (NC),
- Biennial Update Report (BUR)

### New Guidelines, based on Enhanced Transparency Framework (ETF)

- **Biennial Transparency Report (BTR)**



## GHG Inventory: IPCC guidelines

### Old Guidelines

- 1996 IPCC Guidelines
- 2000 Good Practices Guidelines

### New Guidelines, mandatory through ETF

- **2006 IPCC Guidelines**
- 2019 IPCC Refinement



## Mitigation

### Old Guidelines

- Good Practices from NAMA Facility projects
- Domestic NAMAs need to be measurable, reportable and verifiable
- CDM projects

### New Guidelines, mandatory through Paris Agreement

- Enhanced Transparency Framework, Art. 13
- In detail: **Modalities, Procedures and Guidelines (MPGs)**

# Existing international guideline's for reporting of GHG Inventory and Mitigation

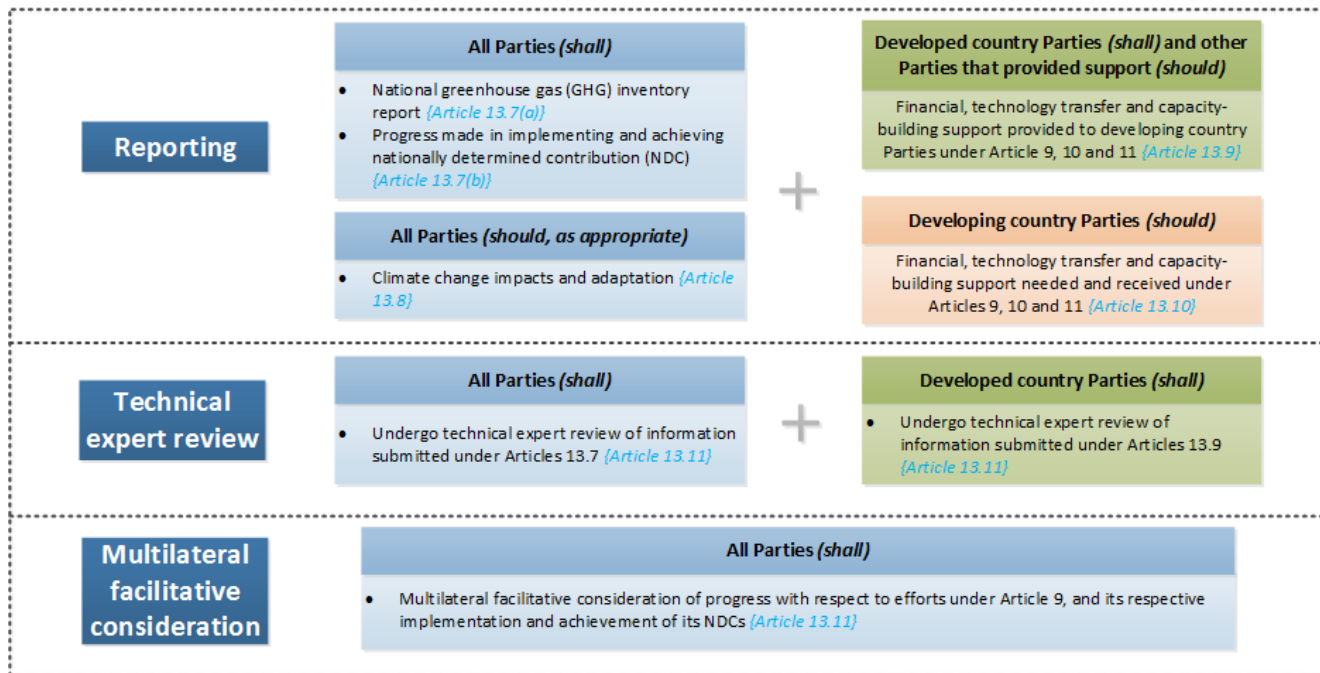
International Reports: UNFCCC

Guidelines for

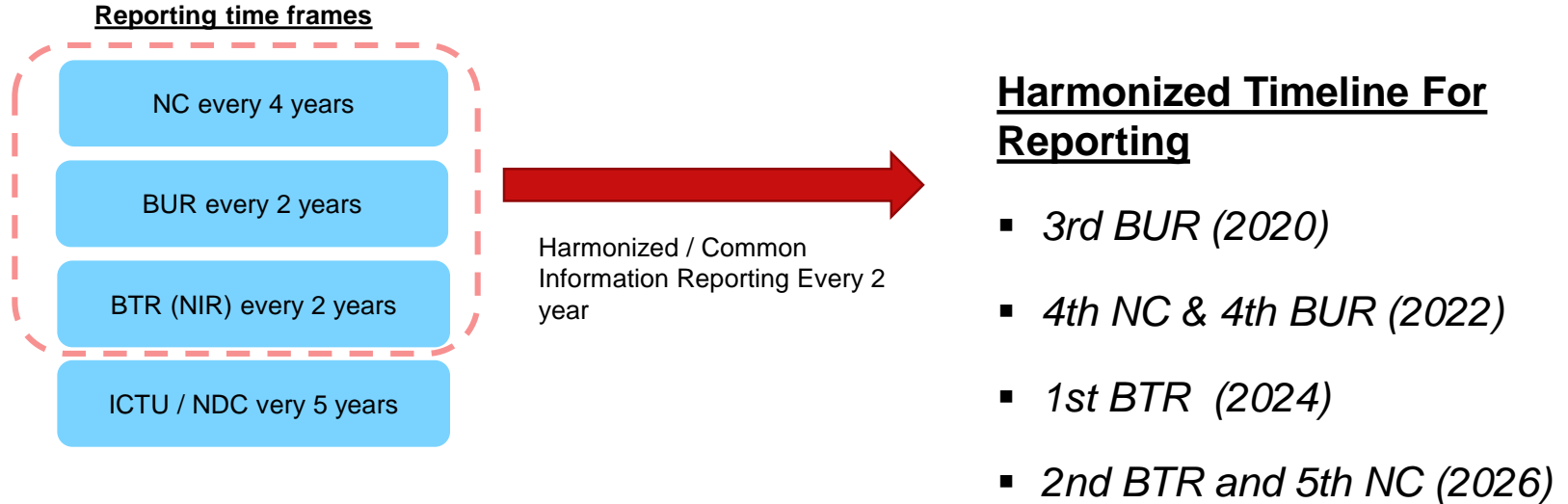
- Biennial Transparency Report (BTR)



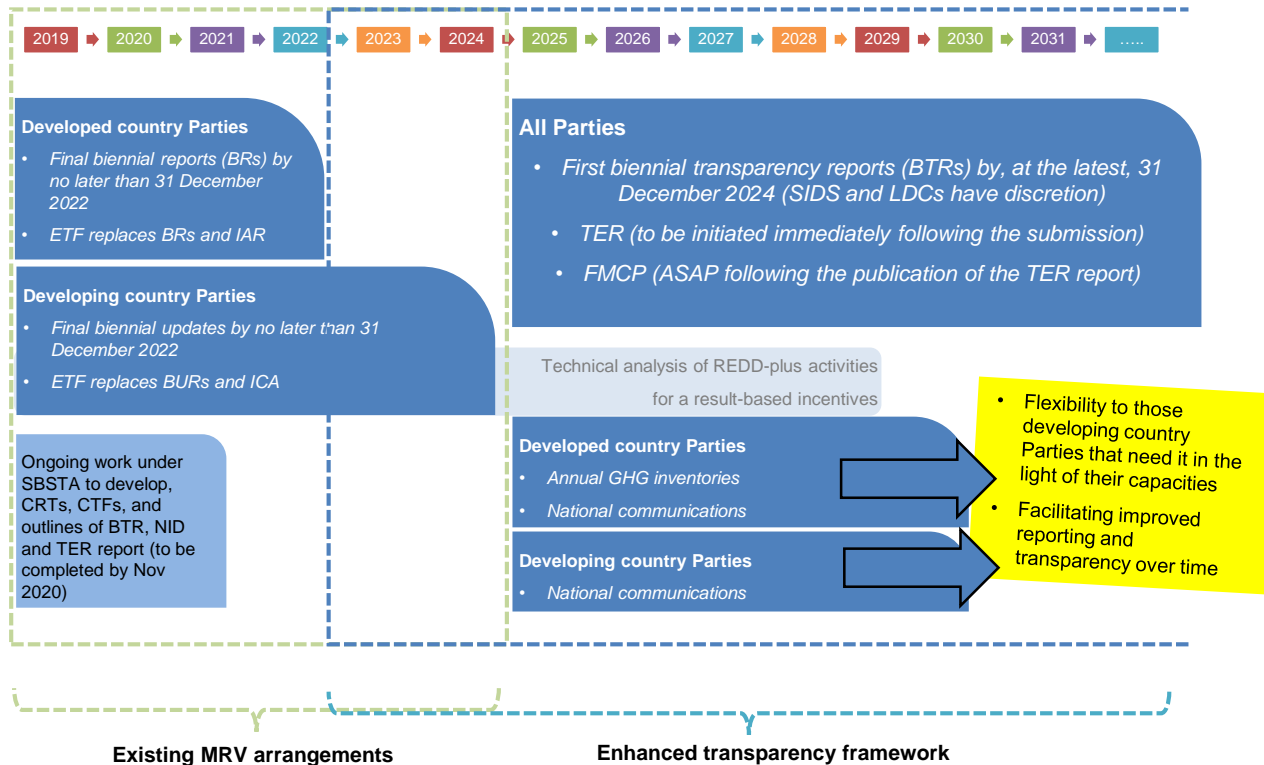
## Article 13 of the Paris Agreement: transparency of action and support



# Existing international guideline's for reporting of GHG Inventory and Mitigation: Timeline



## Transitioning from Existing MRV to ETF under the Paris Agreement - Timelines



## Modalities, Procedures and Guidelines (MPGs) for NDC/Mitigation Reporting

**There is an absolute requirement for countries to report in depth on Mitigation:**

- The PA - Article 4.13 - requires (**a Shall**) the accounting of nationally determined contributions, and **Should** taking into account, as appropriate, existing methods and guidance under the Convention
- The PA - Article 4 - requires (**a Shall**) the reporting of adaptation actions and/or economic diversification plans resulting in mitigation co-benefits
- The MPGs (18/CMA.1 – III.A to C) requires reporting (**a Shall**) relevant to progress made in implementing and achieving its NDC under Article 4 (mitigation) of the PA.
- The MPGs (18/CMA.1 – II.D) requires reporting (**a Shall**) of adaptation actions and/or economic diversification plans resulting in mitigation co-benefits.

**Countries “shall” report on Mitigation, and there is a not a lot of discretion:**

- The MPGs are very clear on the information which **Shall** be reported/provided in relation to the NDC and achieving the NDC, and this information is extensive.

**Good practice:**

The report on mitigation which is defined in the NDC, and do this using a comprehensive MRV system.



## Modalities, Procedures and Guidelines (MPGs) for NDC/Mitigation Reporting

### MPGs guidance on information related to NDC / Mitigation

<b>A</b>	• National circumstances and institutional arrangements
<b>B</b>	• Description of a Party's NDC
<b>C</b>	• Information necessary to track progress made in implementing and achieving its NDC
<b>D</b>	• Mitigation policies and measures, actions and plans, including related to implementing and achieving its NDC
<b>E</b>	• Summary of greenhouse gas emissions and removals (if NIR is a stand alone report)
<b>F</b>	• Projections of greenhouse gas emissions and removals, as applicable
<b>G</b>	• Other information relevant to mitigation

### Suggested focus for Thailand reporting on NDC / Mitigation:

- Thailand reports on mitigation policies and measures, actions and plans, and basic information on NAMAs in the last NC and BUR).
- What can be reporting can increase transparency:
  - ✓ National arrangements for MRV
  - ✓ Expand upon key information in the NDC (indicators, baseline, baseline year...)
  - ✓ Achievement on reaching NDC targets
  - ✓ MRV for mitigation (methods and accounting approach used, including market mechanisms)
  - ✓ Report consistence over the years
  - ✓ Projections of mitigation and non-mitigation scenarios (extend 15 years from most recent inventory), incl. models and assumptions



## Enhancements Example:

### Reporting of progress in achieving the NDC (mitigation action)

#### Mitigation actions (reporting) under the Thailand's 2<sup>nd</sup> BUR

\*  
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- ✓ Name and description of the action, including quantitative goals and progress indicators
- ✓ Objectives of the action
- ✓ Results achieved and emission reductions

#### Not adequately reported under the BUR (but required in BUR):

- Steps taken or envisaged to achieve that action (*lists only the policy*)
- Information on methodologies and assumptions (*one sentence descriptions*)
- Information on domestic MRV (*only institutional arrangements are given*)
- Information on international market mechanism (none given)

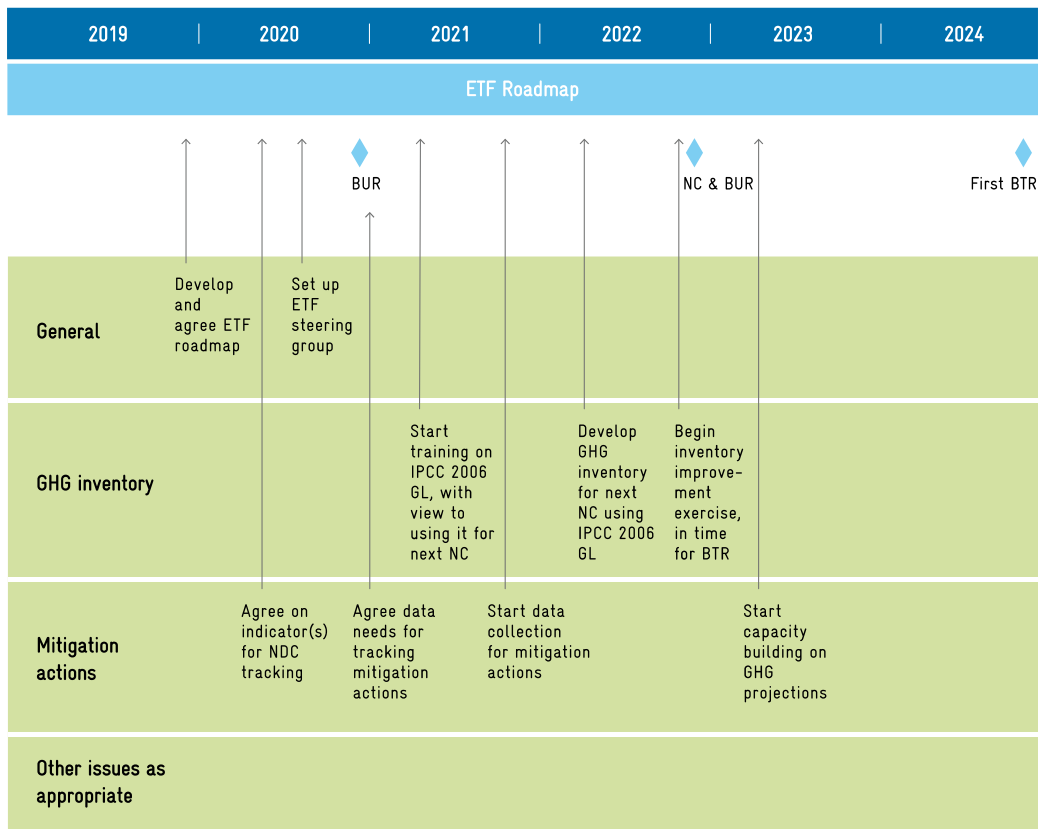
#### Enhancements in BTRs

- + Type of instrument
- + Start year of implementation and status \*\*
- + Implementing entity or entities
- + Costs (*may provide*)
- + Non-GHG mitigation benefits (*may provide*)
- + Detailed MRV methods and assumptions
- + Cross interaction between mitigation actions (*may provide*)
- + Identify mitigation actions no longer in place (*should provide*)
- + Identify mitigation actions influence on international transport (*should provide*)
- + Provide detailed information on economic and social impacts (*is encouraged*)

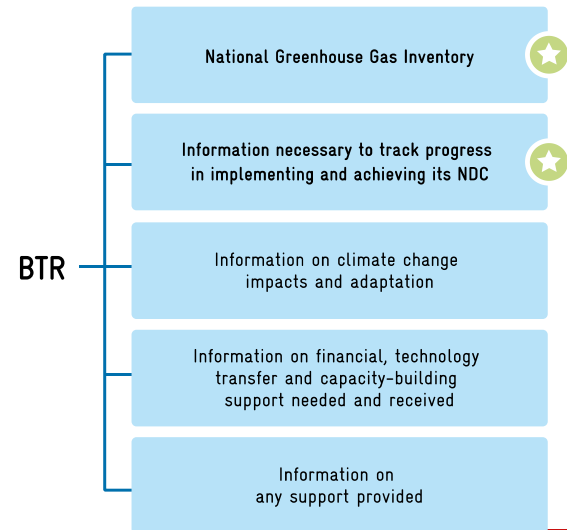
\* For Thailand the reporting of mitigation consists of reporting on NAMAs in the 2<sup>nd</sup> BUR.

\*\* Partially reported of NAMAs in the 2<sup>nd</sup> BUR.

# What are the planned next steps for reporting?



## Roadmap to becoming ETF ready



# What are the planned next steps for reporting?

## Step 1: Assessment of current practice and status of fulfillment of the MPGs

Stocktaking	Level of Fulfillment	Enhancement Needs
<b>*Shall* requirements:</b>		
Item 1	None Low Medium High Total	None
Item 2	None Low	Policy, Capacity, Funding
<b>*Should* requirements:</b>		
Item 3	None Low Medium High	Additional Capacity
Item 4	None Low Medium	Capacity, Funding
<b>*May* requirements:</b>		
Item 5	None Low Medium High	Funding
Item 6	None	Technology, Feasibility



## Step 2: Temporal action plan for achieving fulfillment of the MPGs

	Level of Fulfillment	Enhancement Needs
<b>For the 3<sup>rd</sup> BUR (2020)</b>		
Item 1	None Low Medium High Total	None
Item 3	None Low Medium High	Additional Capacity
<b>For the 4<sup>th</sup> NC &amp; 4<sup>th</sup> BUR (2022)</b>		
Item 4	None Low Medium	Capacity, Funding
<b>For the 1<sup>st</sup> BTR &amp; 5<sup>th</sup> BUR (2024)</b>		
Item 2	None Low	Policy, Capacity, Funding
Item 5	None Low Medium High	Funding
<b>For the 2<sup>nd</sup> BTR, 5<sup>th</sup> NC &amp; 6<sup>th</sup> BUR (2026)</b>		
Item 6	None	Technology, Feasibility



## Step 3: Prepare a logic framework to enhance transparency

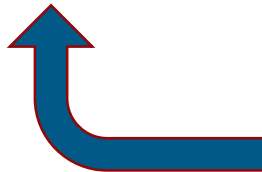
Outcome 1 – The enhanced transparency of the 3 <sup>rd</sup> BUR (2020)		Needs
Output 1.1	Item 1 is strengthened to allow for all reported information	XXX,000 USD
Activity 1.1.1	Institutional capacity building for issue A	XX,000 USD
Activity 1.1.2	Technical assistance for issue B sector Y	XX,000 USD
Output 1.2	Item 3 is strengthened to allow for all reported information	XXX,000 USD
Activity 1.2.1	Institutional capacity building for issue C	XX,000 USD
Activity 1.2.2	Technical assistance for issue D in sector Y	XX,000 USD
Outcome 2 – The enhanced transparency of the 4 <sup>th</sup> NC & 4 <sup>th</sup> BUR (2022)		Needs
Output 2.1	Item 4 is strengthened to allow for all reported information	XXX,000 USD
Activity 2.1.1	Institutional capacity building for issue A	XX,000 USD
Activity 2.1.2	Technical assistance for issue B sector Y	XX,000 USD



Actions for MRV



Review and re-assessment



## Step 5: Periodic review and re-assessment

## Step 4: Take actions

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