

## Virtual webinar as a part of the workshop:

Deep-dive into preparation and reporting of results of national GHG inventories under the ETF of the Paris Agreement

**Presentation: Introduction to the new requirements for reporting national GHG inventories under the ETF of the Paris Agreement**

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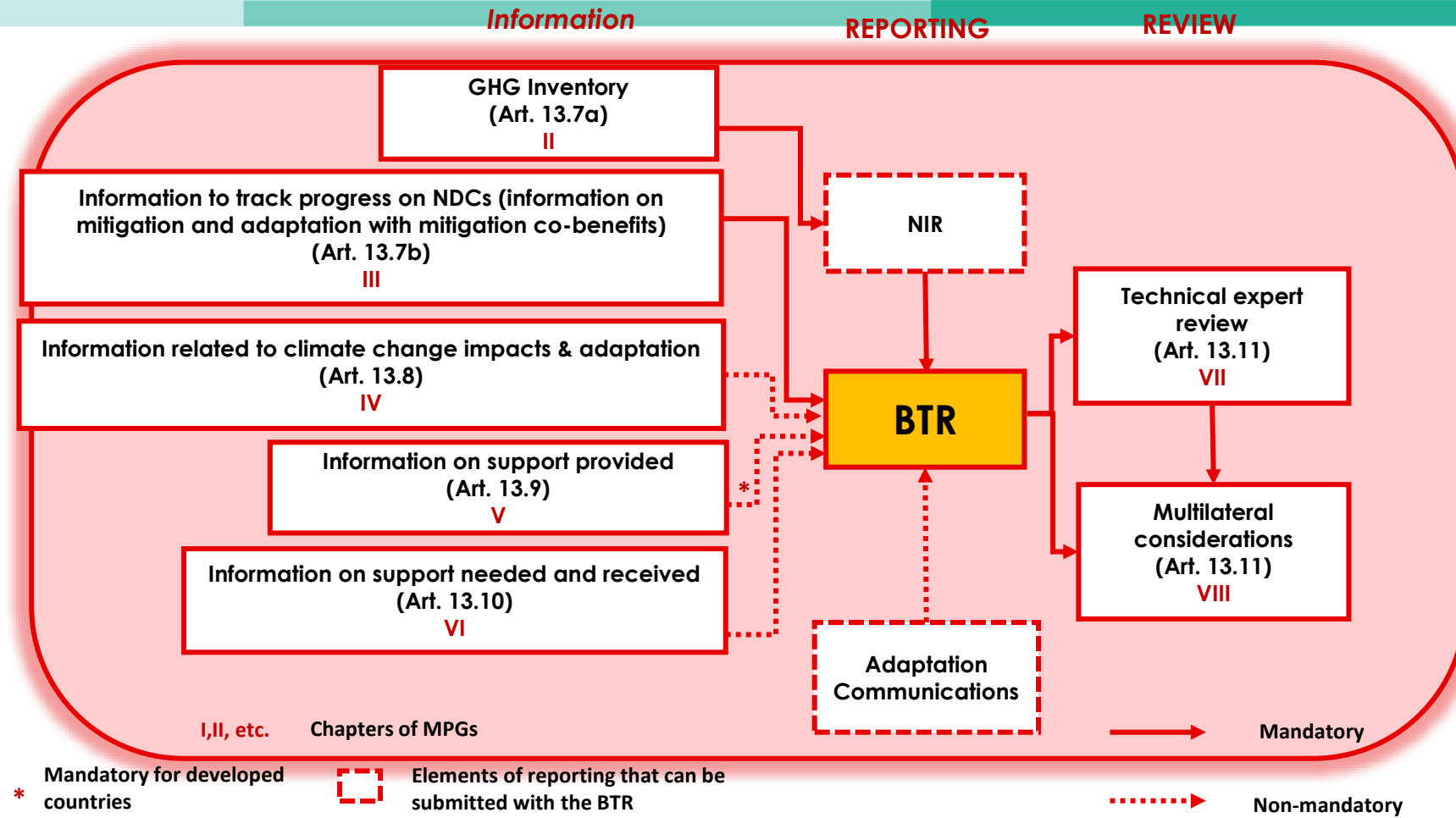


# Relevance of GHG inventories under the ETF

The two key elements of information crucial to **evaluating progress** towards achieving Parties' individual nationally determined contributions (NDCs) and making the necessary course corrections are:

- 1) National **GHG emissions inventories**, providing an overview of the **current status** of the emissions of a given country; and,
- 2) **Projected** GHG emissions as communicated by Parties, indicating estimations of the future emissions.

# Reorganization of information for submission to the UNFCCC



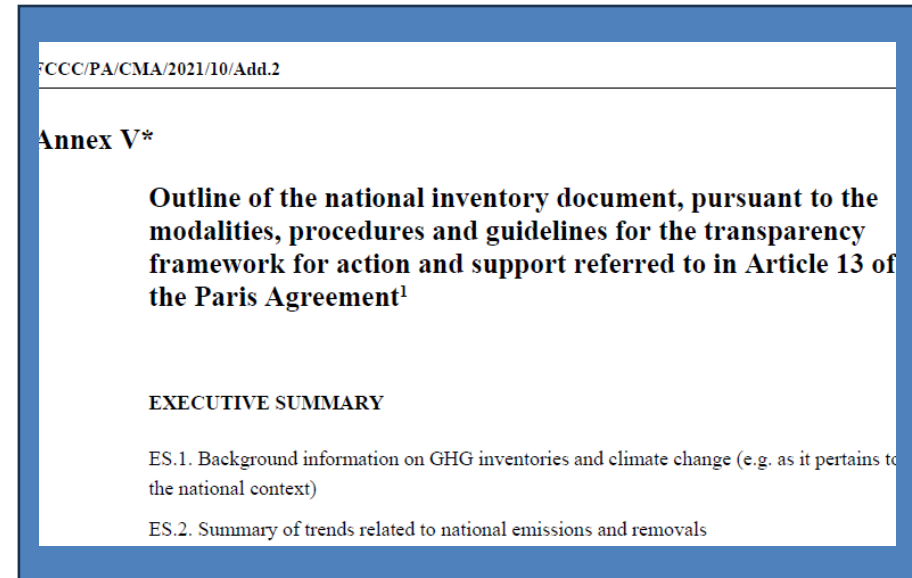
# Reporting the National GHG Inventory under the ETF

- Each Party shall provide a national inventory report (NIR) of anthropogenic emissions by sources and removals by sinks of GHGs
- NIR may be submitted as a **stand-alone report** or as a **component of a BTR**
- The submission includes the National Inventory Document (**NID**) and the common reporting tables (**CRTs**) for the electronic reporting of the national inventory report



# Reporting the National GHG Inventory under the ETF

- The CRT are submitted electronically and considered part of the submission, so tables do not need to be reproduced in the BTR itself
- Parties are encouraged to follow the **NID outline** (Decision 5/CMA.3, annex IV), but it is not mandatory
- For those developing country parties that need **flexibility** in the light of their capacities, specific flexibility provisions may be applied. In this case you may use the “flex summary table” in the CRTs





# Flexibility in the presentation of GHG inventories

## Flexibility for developing countries:

- Self-determined
- Need for flexibility shall be specifically explained
- Plans and time frames for how to meet the full requirements shall be drawn up
- Aiming for a continuous enhancement of the quality over time

The GHG Inventory is the area of the MPGs with more flexibility provisions:

## Topics with flexibility:

- Key category analysis (para.25)
- Uncertainty assessment (para.29)
- Use of the notation key “NE” for insignificant categories (para.32)
- QA/QC (para.34 and 35)
- Gases (para.48)
- Time-series (para.57)
- Reporting year (para.58)

# Inventory related elements in the MPGs

Contents to be included in the NIR according to the MPGs	Topics covered
Inventory <b>reporting and information</b> to be reported	Submission requirements  Reporting form  Inclusion of national circumstances and institutional arrangements
Methods to be used: <b>methodologies, parameters, and data</b>	IPCC guidelines, nationally appropriate methodologies, tiers and country specific EF and AD, KC analysis, time-series consistency and recalculations, uncertainty assessment, metrics, insignificant categories, QA/QC
Information to be reported: <b>methods and cross-cutting elements</b>	Information on methods and data, assessment of completeness
Information to be reported: <b>time-series, sectors and gases</b>	time-series, sectors and gases

# Outline of a National Inventory Document: Main contents

## Executive Summary

- Chapter 1. National circumstances, institutional arrangements, and cross-cutting information
- Chapter 2. Trends in greenhouse gas emissions and removals
- Chapter 3. Energy (CRT sector 1)
- Chapter 4. Industrial processes and product use (CRT sector 2)
- Chapter 5. Agriculture (CRT sector 3)
  - Chapter 6. Land use, land-use change and forestry (CRT sector 4)
  - Chapter 7. Waste (CRT sector 5)
  - Chapter 8. Other sector (CRT sector 6)
  - Chapter 9. Indirect CO<sub>2</sub> and N<sub>2</sub>O emissions
  - Chapter 10. Recalculations and improvements





# Outline of a National Inventory Document: Annexes

- **Annex I:** key categories
- **Annex II:** uncertainty assessment
- **Annex III:** detailed description of the reference approach (energy sector)
- **Annex IV:** quality assurance and quality control plan
- **Annex V:** any additional information, as applicable, including detailed methodological description of source or sink categories and the national emission balance
- **Annex VI:** common reporting tables: Energy, Industrial processes and product use, Agriculture, Land use, land-use change and forestry, Waste, Other substances that affect the climate.
- **References**

Source: Decision 5/CMA.3 annex V

# Common Reporting Tables (CRT)

The CRT include 61 tables to fill:

- Summary report tables
- Sectoral report tables
- Sectoral background data tables
- Cross-cutting tables
- Other tables

<a href="#">Abbreviations and acronyms</a>	<a href="#">Table3</a>	<a href="#">Summary1</a>
<a href="#">Table1</a>	<a href="#">Table3.A</a>	<a href="#">Summary2</a>
<a href="#">Table1.A(a)s1</a>	<a href="#">Table3.B(a)</a>	<a href="#">Summary3</a>
<a href="#">Table1.A(a)s2</a>	<a href="#">Table3.B(b)</a>	<a href="#">Table6</a>
<a href="#">Table1.A(a)s3</a>	<a href="#">Table3.C</a>	<a href="#">Table7</a>
<a href="#">Table1.A(a)s4</a>	<a href="#">Table3.D</a>	<a href="#">Table8s1</a>
<a href="#">Table1.A(b)</a>	<a href="#">Table3.E</a>	<a href="#">Table8s2</a>
<a href="#">Table1.A(c)</a>	<a href="#">Table3.F</a>	<a href="#">Table9</a>
<a href="#">Table1.A(d)</a>	<a href="#">Table3.G-J</a>	<a href="#">Table10s1</a>
<a href="#">Table1.B.1</a>	<a href="#">Table4</a>	<a href="#">Table10s2</a>
<a href="#">Table1.B.2</a>	<a href="#">Table4.1</a>	<a href="#">Table10s3</a>
<a href="#">Table1.C</a>	<a href="#">Table4.A</a>	<a href="#">Table10s4</a>
<a href="#">Table1.D</a>	<a href="#">Table4.B</a>	<a href="#">Table10s5</a>
<a href="#">Table2(I)</a>	<a href="#">Table4.C</a>	<a href="#">Table10s6</a>
<a href="#">Table2(I).A-H</a>	<a href="#">Table4.D</a>	<a href="#">Flex_Summary</a>
<a href="#">Table2(II)</a>	<a href="#">Table4.E</a>	
<a href="#">Table2(II)B-Hs1</a>	<a href="#">Table4.F</a>	
<a href="#">Table2(II)B-Hs2</a>	<a href="#">Table4(I)</a>	
	<a href="#">Table4(II)</a>	
	<a href="#">Table4(III)</a>	
	<a href="#">Table4(IV)</a>	
	<a href="#">Table4.Gs1</a>	
	<a href="#">Table4.Gs2</a>	
	<a href="#">Table5</a>	
	<a href="#">Table5.A</a>	
	<a href="#">Table5.B</a>	
	<a href="#">Table5.C</a>	
	<a href="#">Table5.D</a>	

<https://unfccc.int/documents/311076>



**Thank you for your attention!**

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