

Training Workshop: Preparation and Reporting of Results of National GHG Inventories under the ETF of the Paris Agreement

Virtual Webinar 18/06/2024

New requirements for the reporting of inventories under the ETF: from BUR/National Communications to BTR and the national inventory report (NIR)



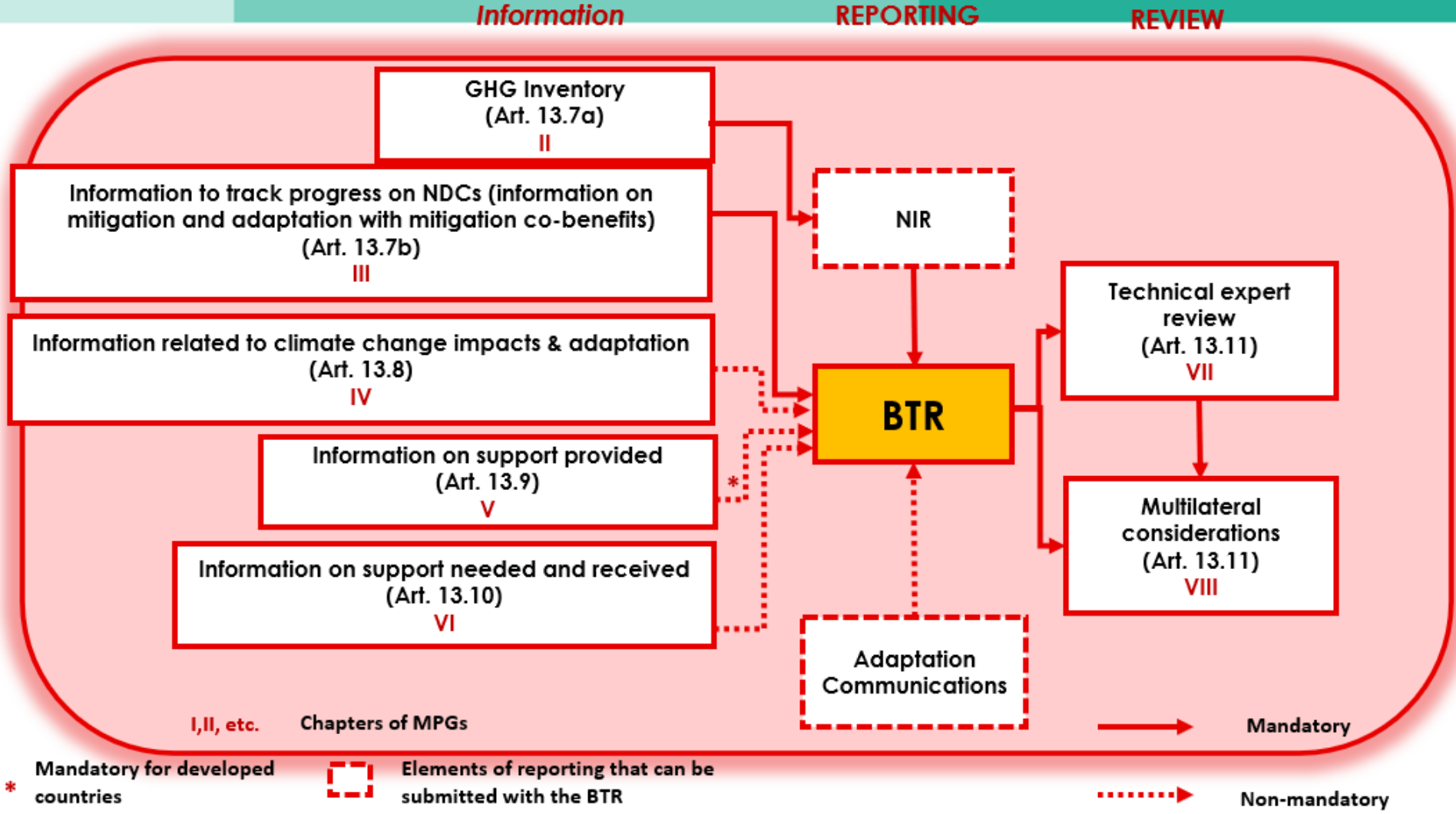
Fernando Farias
Senior Advisor
UNEP-Copenhagen Climate Centre

Relevance of GHG inventories under the ETF

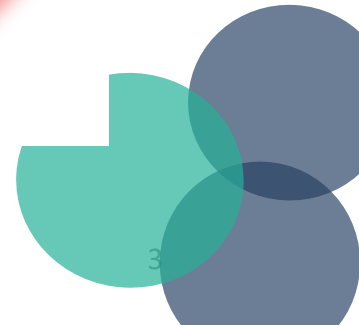
The two key elements of information crucial to **evaluating progress** towards achieving Parties' individual nationally determined contributions (NDCs) and making the necessary course corrections are:

- 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

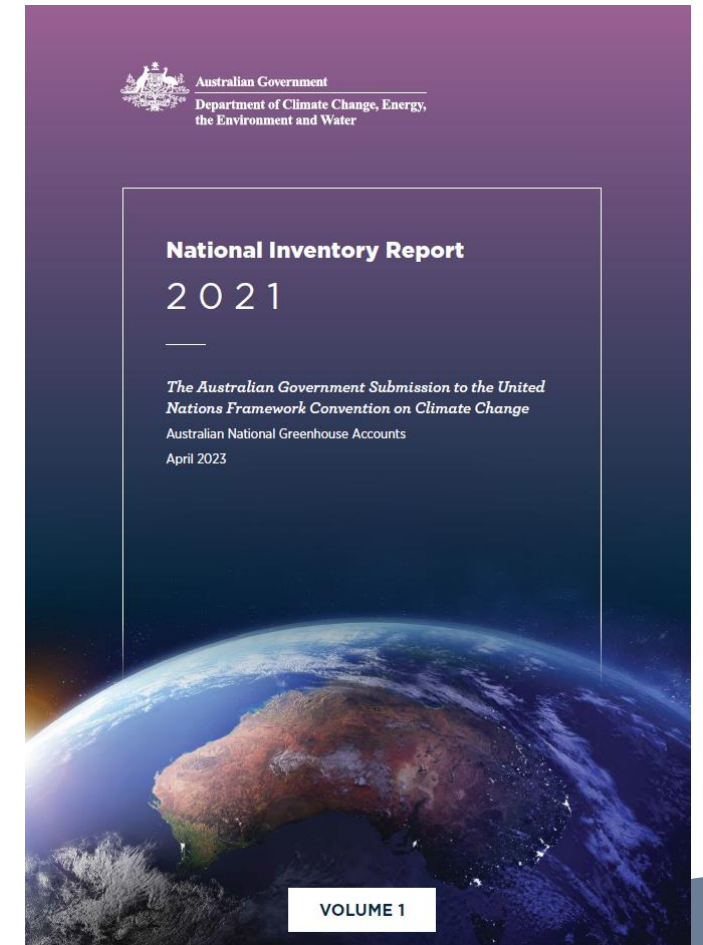


Source: ICAT-UNEPDTU Partnership (2019)



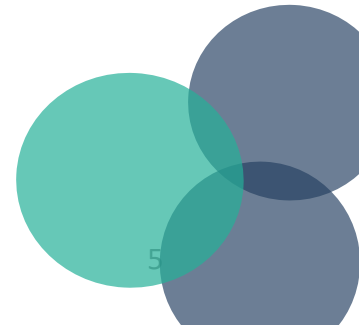
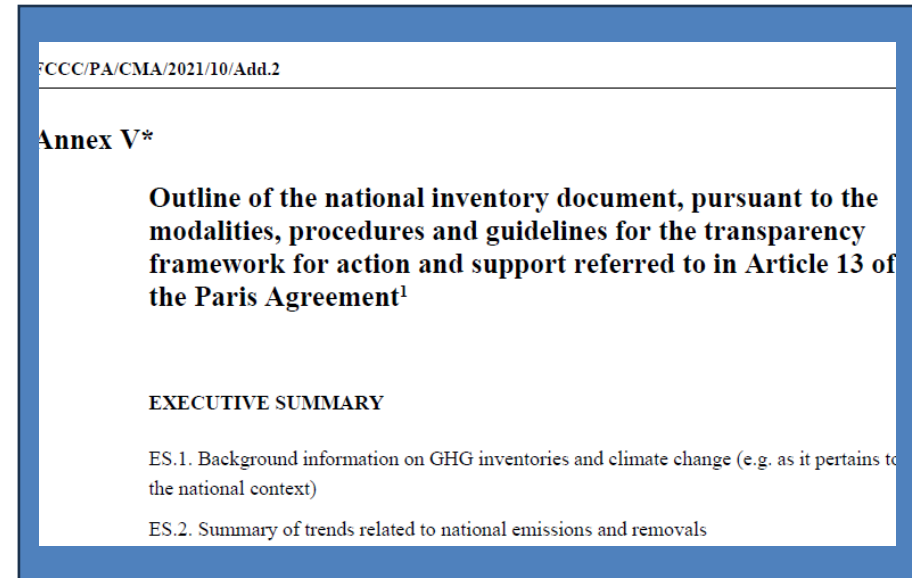
Reporting the National GHG Inventory under the ETF

- 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

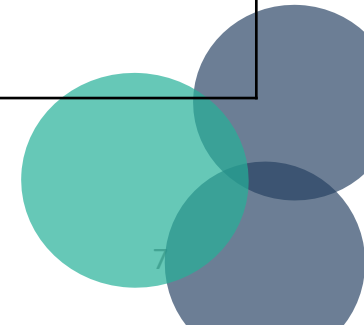
The GHG Inventory is the area of the MPGs with more flexibility provisions:

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 reporting and information to be reported	Submission requirements Reporting form Inclusion of national circumstances and institutional arrangements
Methods to be used: methodologies, parameters, and data	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: methods and cross-cutting elements	Information on methods and data, assessment of completeness
Information to be reported: time-series, sectors and gases	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 CO₂ and N₂O 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 60 tables to fill:

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

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

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



CBIT-GSP
CLIMATE TRANSPARENCY



Partnership on Transparency
in the Paris Agreement

Thank you

Fernando Farias
Senior Advisor
UNEP-CCC

fernando.farias@un.org



copenhagen
climate centre



Supported by:



Federal Foreign Office



on the basis of a decision

