



United Nations
Climate Change

Overview of submissions of Biennial Transparency Reports (BTRs)

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UNFCCC Secretariat

12th Expert Group on Environment and Climate Change Statistics

24 September 2025

Overview of reporting requirements

All Parties shall

- » **National inventory report of GHG emissions** (Article 13, para. 7(a)), which consists of a national inventory document (NID) and common reporting tables (CRT)
- » **Progress made in implementing and achieving the NDC** (Article 13, para. 7(b)), which shall be reported in a narrative and common tabular format (CTF)

All Parties should, as appropriate

- » **Climate change impacts and adaptation** (Article 13, para. 8)

+

Developed country Parties shall and other Parties that provide support should

- » **Financial, technology transfer and capacity-building support provided to developing country Parties** under Articles 9–11 (Article 13, para. 9), to be reported in textual and/or common tabular format (CTF)

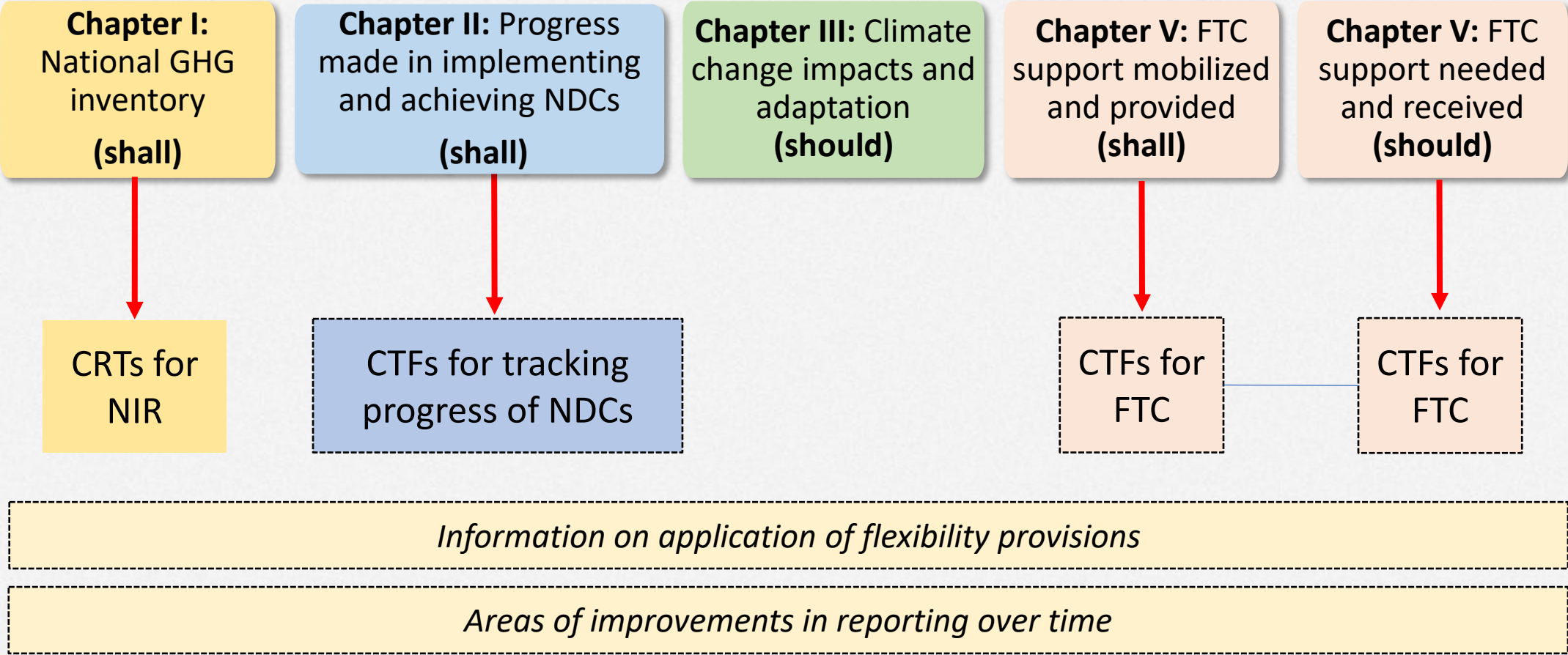
Developing country Parties should

- » **Financial, technology transfer and capacity-building support needed and received** under Articles 9–11 (Article 13, para. 10), to be reported in textual and/or common tabular format (CTF)

Key elements of the BTR

Thematic chapters

New electronic reporting tools



National GHG Inventory

Methods/Guidelines

- **Shall** use 2006 IPCC Guidelines & subsequent version/refinement agreed by CMA
- **Encouraged** to apply
 - 2013 Wetlands Supplement
 - Higher-tier methods and factors
- **Shall** use global warming potential values from AR5

Gases

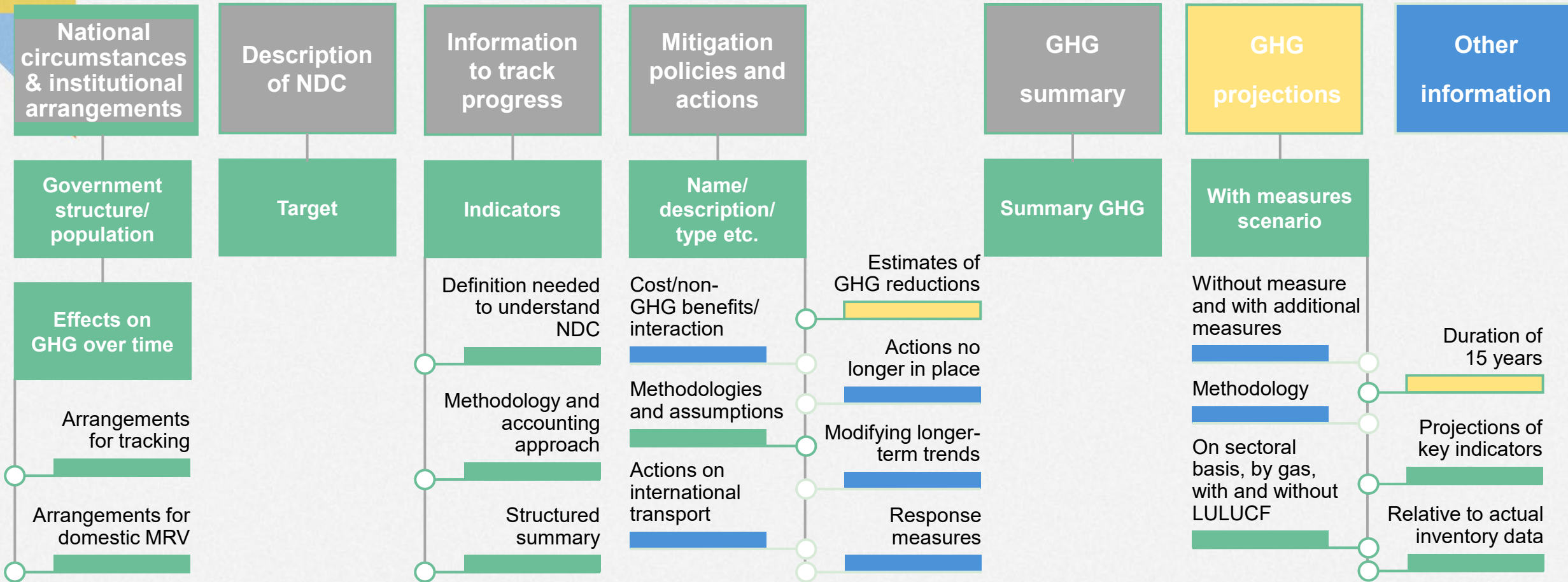
- **Shall**: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃ (with flexibility)
- **Should**: pre-cursor gases (CO, NO_x, NMVOCs and SO₂)
- **May** report indirect CO₂ from atmospheric oxidation of CH₄, CO and NMVOCs
- **Should** report indirect N₂O other than ag/LULUCF as a memo item
- **May** report other substances that have an impact on climate.

Time series

- **Shall**: report consistent time series from 1990 (with flexibility: at a minimum, the reference year/period for its NDC, and at least 2020 onwards).
- **Shall**: Latest reporting year no more than 2 years prior to the submission year (with flexibility, T-3).



Tracking progress in implementing NDC

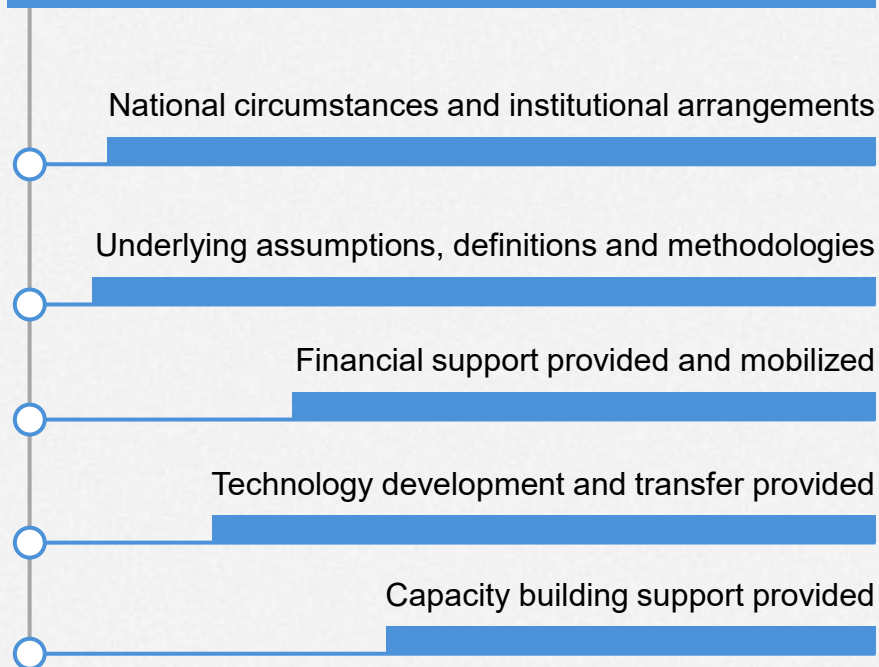


■ Mandatory "shall"
 ■ Non-mandatory "should"/"may"
 ■ Flexibility

Financial, tech development & transfer and CB support

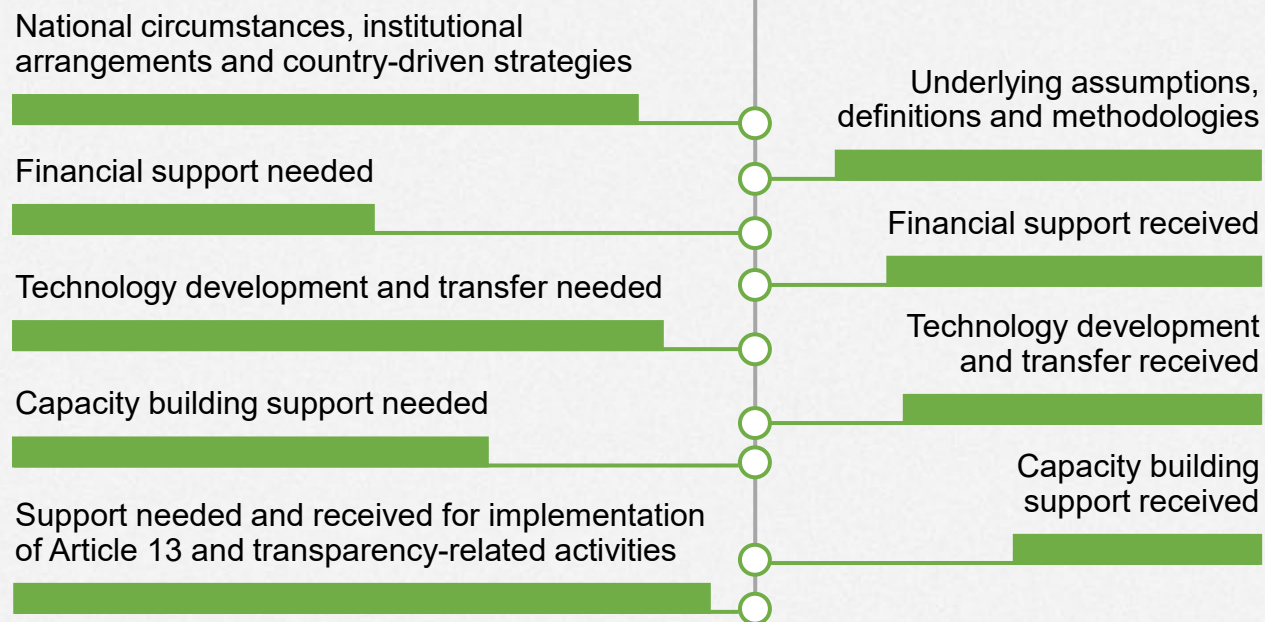
Developed countries

Shall provide information on FTC provided and mobilized (others that provide support should)



Developing countries

Should report information on support needed and received



Information on adaptation in the BTR

Type of information	BTR	AdCom	NatCom/ Annex I Party	NatCom/non- Annex I Party	Documents related to NAPs
National circumstances, institutions, legal frameworks	X	X		X	X
Impacts, risks, vulnerabilities	X	X	X	X	X
Priorities and barriers related to adaptation	X	X		X	
Strategies, policies, plans, goals, steps to integrate adaptation into other policies	X	X	X	X	X
Support needed/support received	X	X			X
Progress in implementation of adaptation	X	X	X	X	X
Monitoring and evaluation	X	X	X	X	X
Information related to averting, minimizing and addressing loss and damage associated with climate change impacts	X				
Cooperation, good practices, experiences, lessons learned	X	X			X
Adaptation-related economic diversification/ mitigation co-benefits of adaptation	X	X			
Contributions to other international frameworks		X			
Gender perspective and/or traditional, indigenous & local knowledge	X	X			



Tracking progress in implementing NDCs

Tracking progress in implementing NDCs

Party communicates NDC

- NDC is self-determined; Party to provide ICTU (mandatory as of NDC2) to describe NDC

Implements NDC

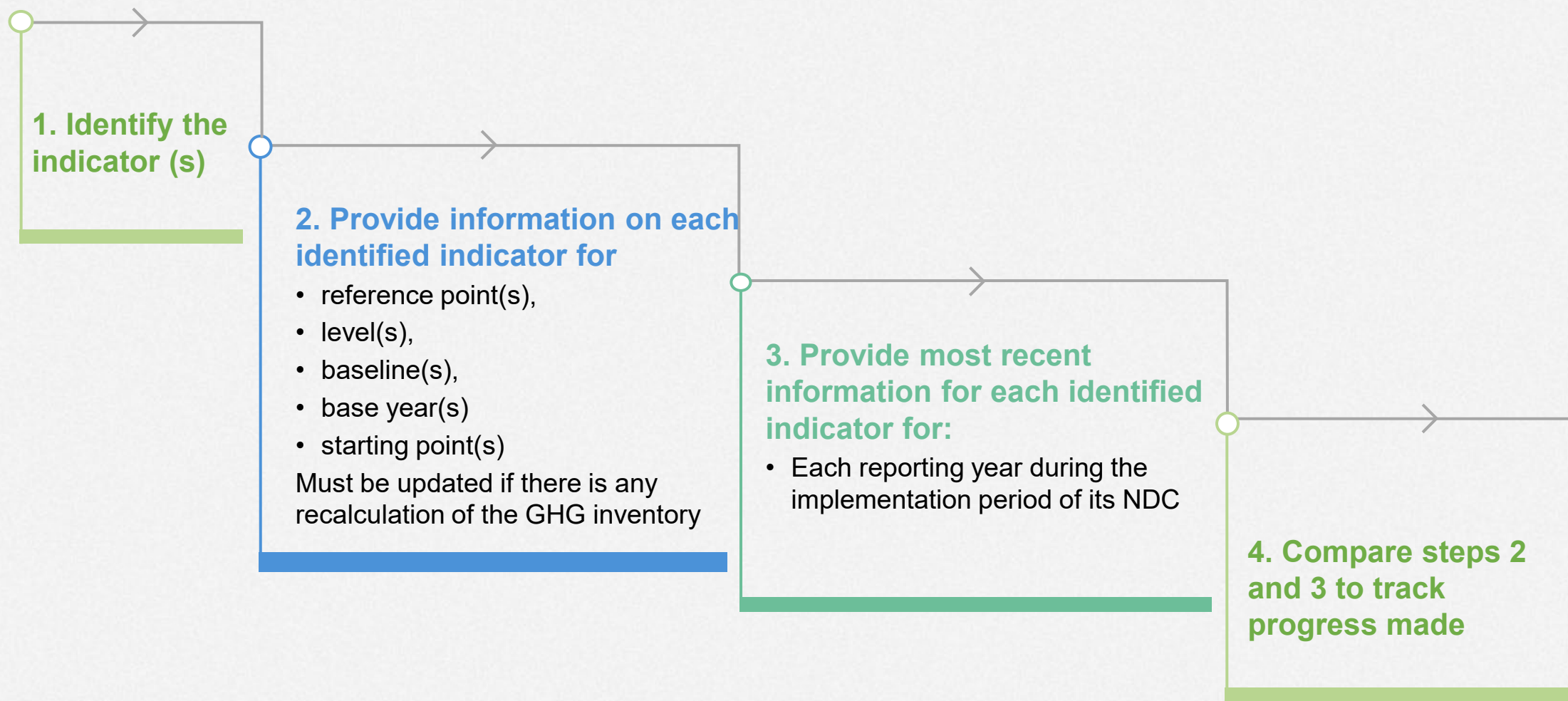
- Party implements its NDC (e.g. develops necessary policies, collects data, tracks its progress)

Reports on its tracking in BTR

- Reports the information contained in paras. 59-103 of the MPGs, as appropriate to its NDC, on a biennial basis
- BTR is subject to review and FMCP



Tracking progress in implementing NDCs



Types of indicators for tracking progress

GHG-based indicators

- Total net GHG emissions
- Cumulative net national emissions
- GHG emission reduction
- Maximum annual emissions
- CO₂ emissions from fuel combustion and industry
- Reduction of energy related CO₂ emissions per GDP
- Mitigation GHG emissions level for electricity sector

Non-GHG-based indicators

- Renewable energy production
- Percentage of forested area
- Share of non-fossil fuels
- Number of staff dedicated to field monitoring (forestry)
- Energy efficiency initiatives
- Methane management
- Number of hectares of forests restored



Examples of indicators – UNSD Global set of indicators

Indicators reported in BTRs	UNSD Global set of indicators
Total net GHG emissions	Total GHG emissions per year
Percentage of forested area	Forest areas as a proportion of total land area
Energy consumption from fossil sources	Final energy consumption
Percentage of renewable energy in Electricity/power demand	Renewable energy share in the total final energy consumption
Share of non-fossil fuels (in primary energy consumption)	Non-fossil fuel energy consumption as a proportion of final energy consumption
Policies and measures associated with low-emission development strategies, plans or actions	Low-carbon development strategies and plans
Total GHG removals in Forestry sector	Greenhouse gas removals (carbon sequestration)

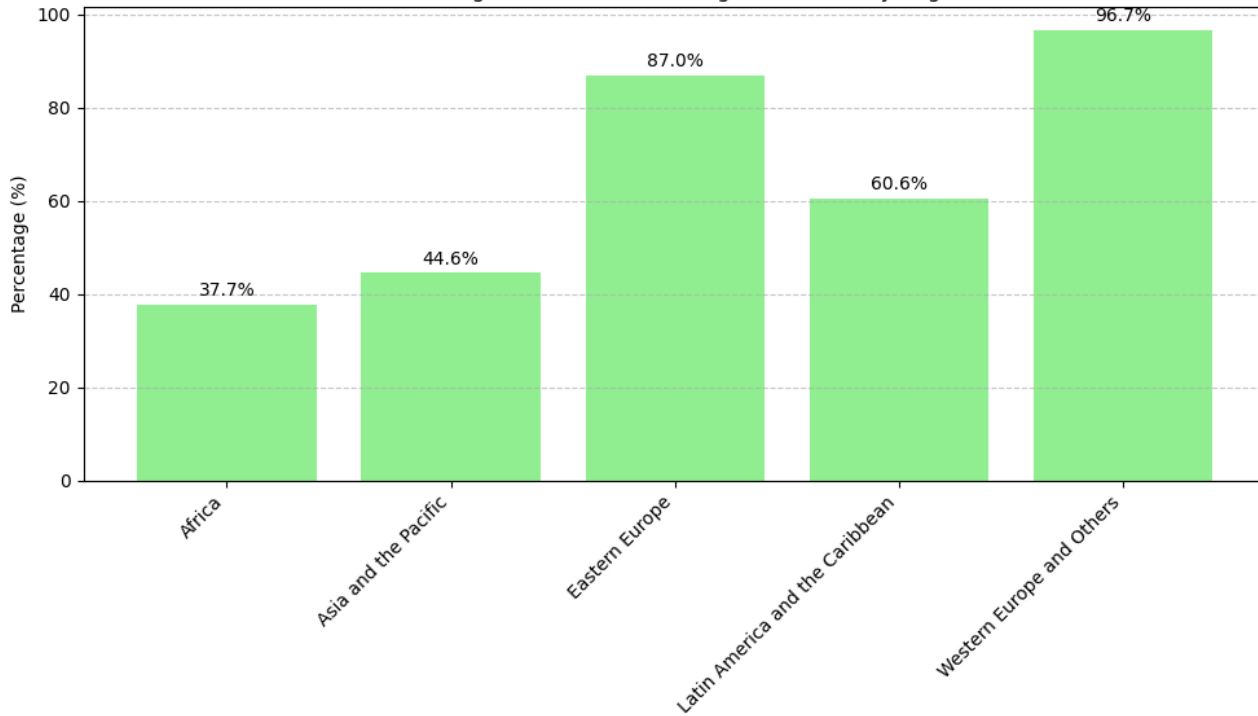


BTR Submissions and Climate Data Hub

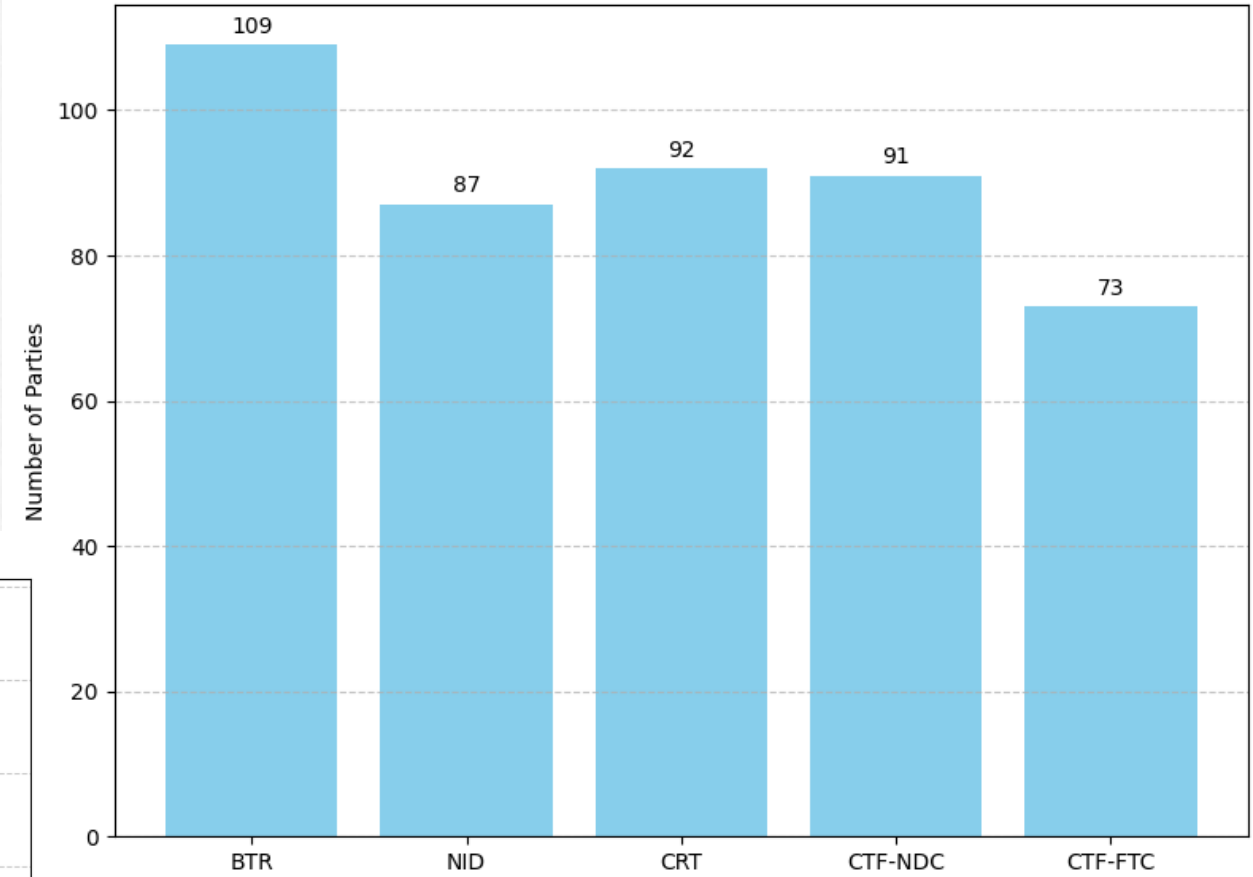
BTR Submissions



Percentage of Parties Submitting Documents by Region



Total Number of Parties by Record Type



BTR Submissions – Tables and narrative

TABLE 1 SECTORAL REPORT FOR ENERGY
(Sheet 1 of 1)

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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	CO ₂	CH ₄	N ₂ O	NO _x	CO	NM VOC	SO _x	Total GHG emissions ⁽¹⁾
	CO ₂ equivalents (kt) ⁽²⁾							
Total Energy	2,282.53	0.60	0.09	NE,NO	NE,NO	NE,NO	NE,NO	2,323.34
1.A. Fuel combustion activities (sectoral approach)	2,282.53	0.60	0.09	NE,NO	NE,NO	NE,NO	NE,NO	2,323.34
1.A.1. Energy industries	1,159.26	0.25	0.04	NE,NO	NE,NO	NE,NO	NE,NO	1,177.43
1.A.1.a. Public electricity and heat production	1,159.26	0.25	0.04	NE	NE	NE	NE	1,177.43
1.A.1.b. Petroleum refining	NO	NO	NO					
1.A.1.c. Manufacture of solid fuels and other energy industries	NO	NO	NO					
1.A.2. Manufacturing industries and construction	363.71	0.13	0.02					
1.A.2.a. Iron and steel	1.77	0.00	0.00					
1.A.2.b. Non-ferrous metals	NO	NO	NO					
1.A.2.c. Chemicals	22.47	0.00	0.00					
1.A.2.d. Pulp, paper and print	1.68	0.00	0.00					
1.A.2.e. Food processing, beverages and tobacco	55.75	0.00	0.00					
1.A.2.f. Non-metallic minerals	NO	NO	NO					
1.A.2.g. Other	282.05	0.13	0.02					
1.A.3. Transport	563.74	0.13	0.03					
1.A.3.a. Domestic aviation	4.77	0.00	0.00					
1.A.3.b. Road transportation	528.48	0.12	0.03					
1.A.3.c. Railways	NO	NO	NO					
1.A.3.d. Domestic navigation	30.49	0.00	0.00					
1.A.3.e. Other transportation	NO	NO	NO					

5. Mitigation policies and measures, actions and plans, in

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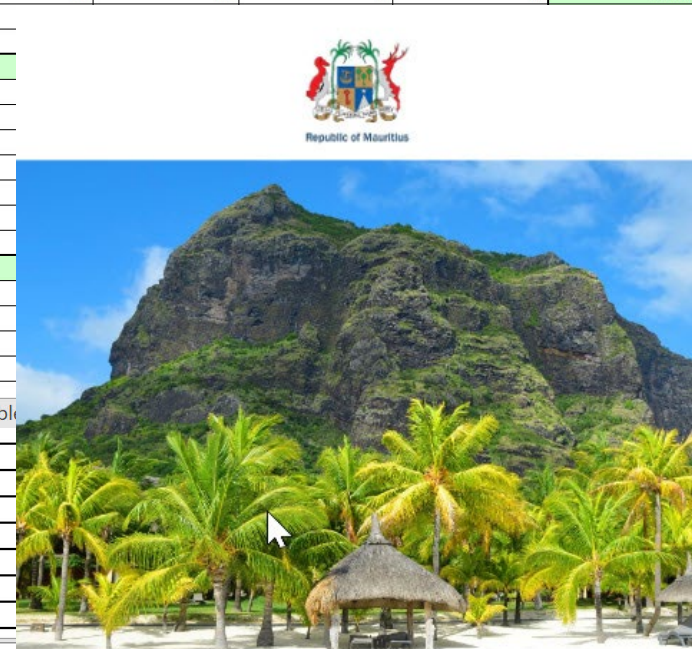
Name ^c	Description ^{d,e,f}	Objectives	Type
Energy 1: Accelerating th	The project is being impl	The project will provide	Regul
Energy 2: Mandatory En	The policy and regulator	To mitigate GHG emissio	Regul
Energy 3: Accelerating th	The Ministry has comple	The objective of the proj	Policy
Energy 4: Energy Efficie	The Scheme provides fo	The objective of the Sch	Econ
Energy 5: Modal shift to	The activity includes foll	To collaboratively devel	Policy
Energy 6: Strategies and	The activity includes foll	The objective of the prog	Policy
Energy 7: Strategies and	The activity includes foll	The objective of the activ	Policy
IPPU1: Development of	The draft implementation	To mitigate GHG emissio	Regul
Agriculture 1: Standards	Establish a standard for	To train farmers and sta	Policy
Agriculture 2: Promotio	The following actions ha	To reduce GHG emissio	Policy and Action Plan
Agriculture: Other climat	Improving the Resilien	Reduction of Green Hou	Regulatory,Policy and A
LULUF 1: Tree planting	The draft implementation	Increase carbon sequest	Policy and Action Plan
LULUF 2: Forest restora	The draft implementation	To support reduction of	Policy and Action Plan
Waste 1: Waste Managem	The Waste Management	To provide for the regul	Regulatory,Policy and A
Cross-cutting 1: Mauriti	The Climate Change Act	The long-term objective	Policy and Action Plan,S
Cross-cutting 2: Sustain	The following actions ha	The objective was to pro	Regulatory,Policy and A
Cross-cutting 3: Integrat	The following actions ha	The objective was to int	Policy and Action Plan

TABLE III.6
Information on financial support needed by develop
Exchange rate used: 45

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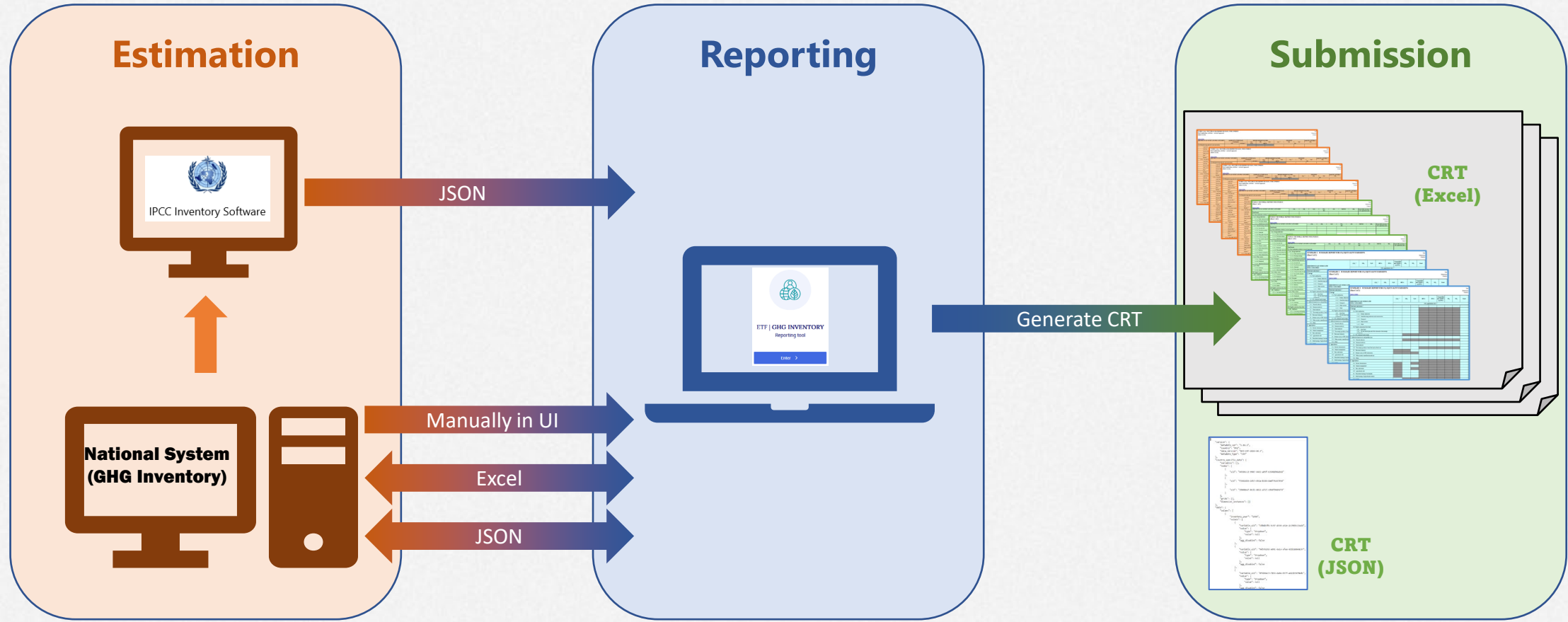
Sector ^c	Subsector ^c	Title of activity, programme, project or other ^{c,d}	Programme, project description
Transport	Port and Shipping	Electrification of Rubber-Tired Gantry (RTG) Cranes and Tractor Trailers at Mauritius Container Terminal	The electrification of Rubber-Tired Gantry (RTG) cranes and tractor trailers at the Mauritius Container Terminal, which is a critical step towards reducing emissions and enhancing sustainability, faces several root causes and barriers that need to be
Energy	Energy Industries	Mauritius Renewable Energy Revolving	The project aims to set up a renewable energy

Index	Table1	Table1.A(a)s1	Table1.A(a)s2	Table1.A(a)s3	Table1.A(a)s4	Table1.A(a)s5
Agriculture	CO ₂ ,CH ₄ ,N ₂ O	2016	Food and Agricultural Re			
LULUCF	CO ₂ ,CH ₄ ,N ₂ O	2020	Ministry of Agro-Industr			
Waste management	CO ₂ ,CH ₄ ,N ₂ O	2020	Ministry of Environment			
Energy,Transport,Industr	CO ₂ ,CH ₄ ,N ₂ O,HFCs	2022	Ministry of Environment			
Energy,Waste managem	CO ₂ ,CH ₄ ,N ₂ O	2018	Mauritius Tourism Auth			
Energy,Transport,Industr	CH ₄ ,N ₂ O	2018	University of Mauritius,U			

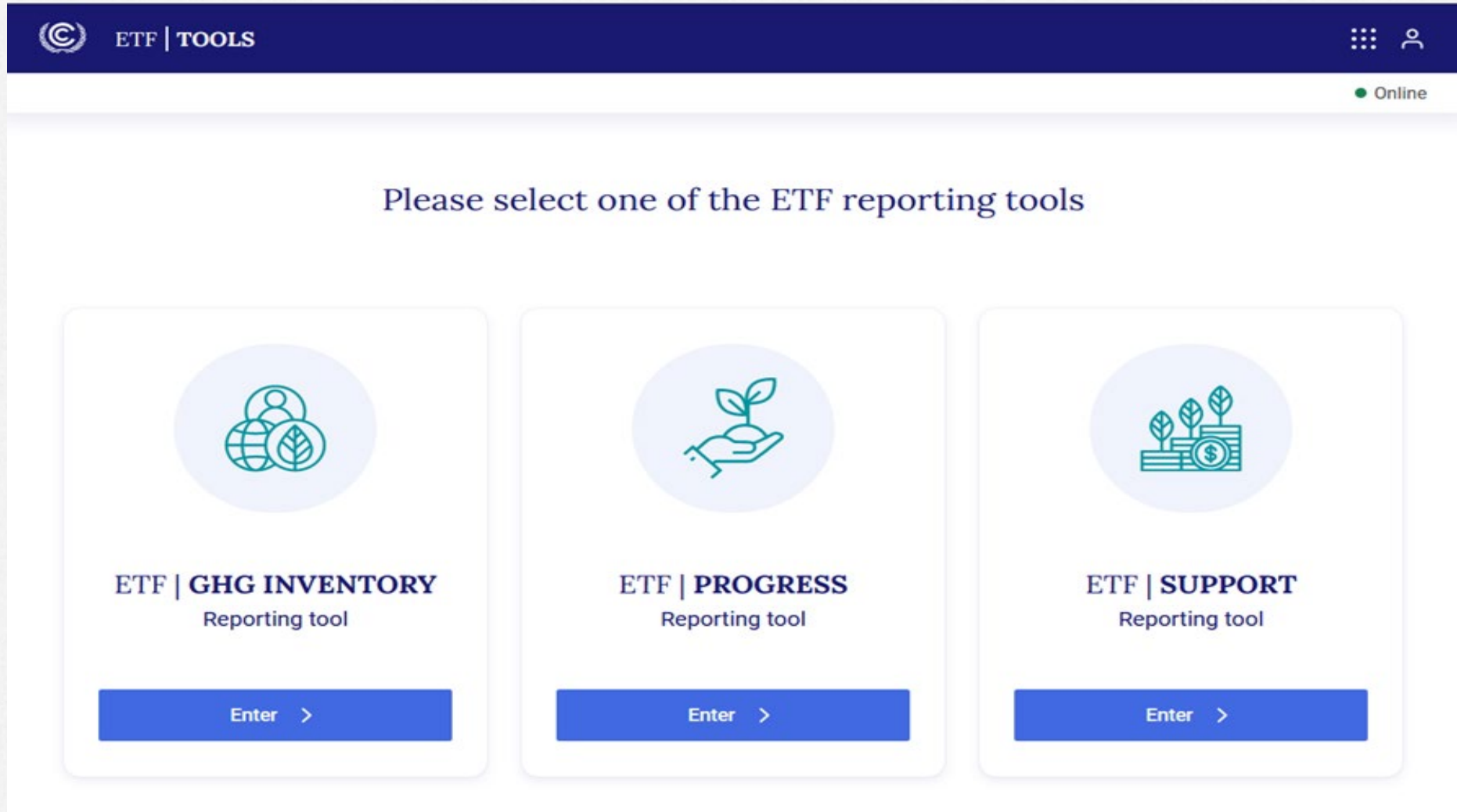


Mauritius' First Biennial
Transparency Report
December 2024

ETF Reporting Tools – CRT (GHG Inventory)



ETF Reporting Tools





The screenshot shows a web interface for 'ETF | TOOLS'. At the top left is a copyright symbol and the text 'ETF | TOOLS'. At the top right are icons for a grid and a user profile, and a status indicator 'Online' with a green dot. The main content area has a heading 'Please select one of the ETF reporting tools' and three tool cards. Each card features an icon, a title, a subtitle, and a blue button with 'Enter >'.


ETF | TOOLS

Online

Please select one of the ETF reporting tools


ETF | GHG INVENTORY
Reporting tool
Enter >


ETF | PROGRESS
Reporting tool
Enter >


ETF | SUPPORT
Reporting tool
Enter >

ETF Reporting Tools - Progress

Ⓢ **ETF | PROGRESS**
CTF versions | **Data entry** | Reporting tables | QA/QC
☰ | 👤

Version: XYZ-CTF-NDC-2025-V0.35 | Status: Started | DEFAULT
● Online

Navigation tree ⋮ Options

- ▼ 1. NDC and Targets
 - 1.1. NDC
 - 1.2. Definitions
 - 1.3. Methodologies and accounting approaches
 - 1.4. Targets and indicators +
- ▼ 2. Mitigation policies and measures
 - 2.1. Policies and Measures +
 - 2.2. Mitigation co-benefits
- 3. GHG Emissions from CRT
- ▼ 4. Projection of GHG emissions and removals
 - 4.1. With measures
 - 4.2. With additional measures
 - 4.3. Without measures
 - 4.4. Projections of key indicators
 - 4.5. Key underlying assumptions and parameters

4.1. With measures

Expand all
📄 Export

	Historical year	Projections		
	2020 ▼	2025	2030	2040
▼ Sectors				
Energy				
Transport				
Industry				
Agriculture				
LULUCF				
Waste				
Other (specify) +				
Total with LULUCF				
▼ Gases				
CO ₂ emissions including ne...				
CO ₂ emissions excluding n...				
CH ₄ emissions including C...				
CH ₄ emissions excluding C...				
N ₂ O emissions including N...				
N ₂ O emissions excluding N...				
HFCs				
PFCs				

UNFCCC Climate Data Hub

“Prove through data a path to closing the gap to 1.5°C that bridges global commitments with local action”



Central Repository for Climate Data and Information



Seamless Data Storage, Analysis and Review

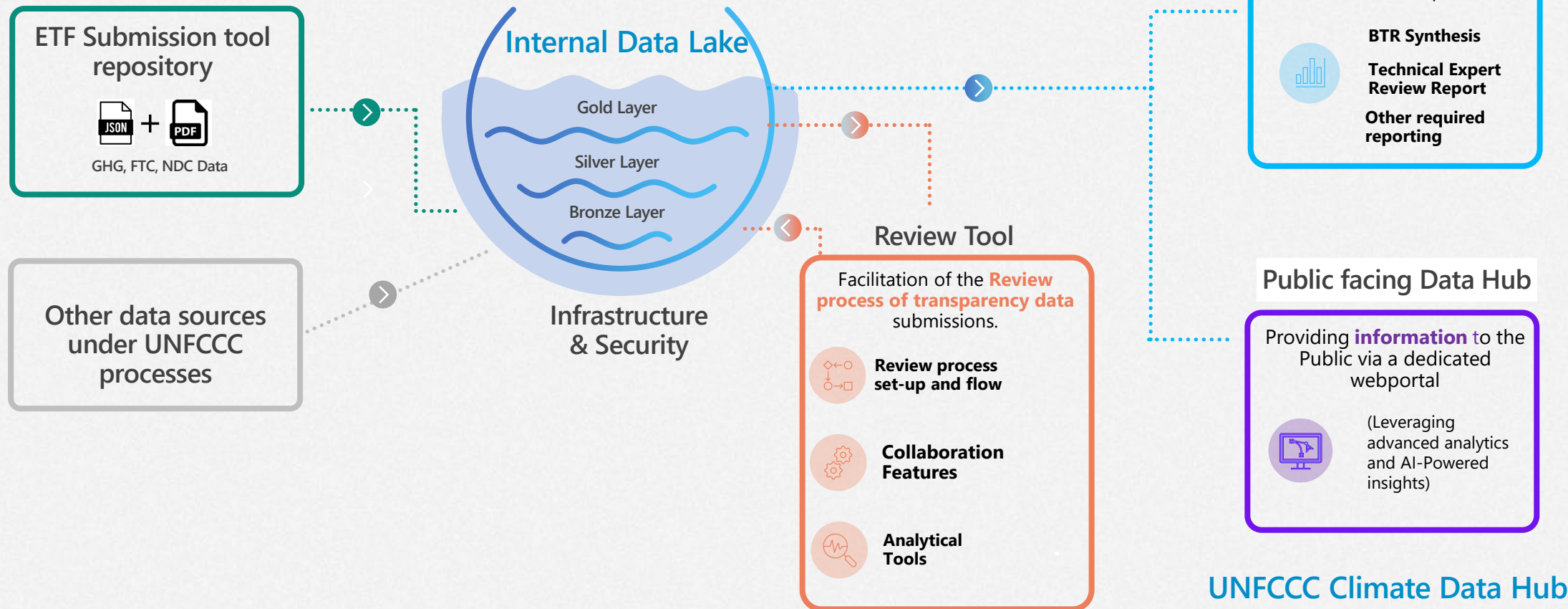


Tracking Climate Actions and Support

The hub is conceived as a strategic platform to transform how the secretariat manage, analyse and disseminate climate data and information



UNFCCC Climate Data Hub



UNFCCC Climate Data Hub



United Nations
Climate Change

Phase I: Foundation for
ETF review processes

Phase II: Improve Phase I and add
public interface for FTC data

Phase III: Extend to other
data sources and processes

Thank you!

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Official Website



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