



Capacity Building Initiative for Transparency - Global Support Programme (CBIT-GSP) : Caribbean Region & Initiative for Climate Action Transparency (ICAT)

## Hands-on training Workshop on National GHG Inventory Preparation and Reporting under the ETF: Agriculture, IPPU and Waste Sector

### 16 – 19 April 2024 Belize



**WUN**OPS

supported by

Brittany Meighan Rancharan Regional Network Coordinator – Anglophone Caribbean CBIT-GSP



### Workshop Objectives

- Provide the national inventory team with useful information and international experiences to facilitate their preparation of National GHG Inventories following the ETF under the Paris Agreement
- Provide an overview of the fundamental principles, methodologies, and reporting requirements outlined in these IPCC 2006 guidelines, with a specific focus on their practical application within the Agriculture, IPPU and Waste sectors.
- Equip participants with the knowledge and insights necessary to actively contribute to accurate measurement and reporting of greenhouse gas emissions



Agenda
Day 1

	Day 01 - 16/04/2024 (Crosscutting)	
8:45 – 9:00	Registration	Host Country
9:00 - 9:10	Opening session and welcoming remarks	Host Country
9:10 - 9:25	Purpose and Objectives for the next 3 days	Brittany Meighan Rancharan, CBIT-GSF
9:25 - 9:40	Energizer and Group Photo	Facilitator
9:40 - 10:00	<b>Presentation:</b> Introduction to the Provisions of the ETF & MPGs, new requirements for Biennial Transparency Reports (BTR) and reporting national GHG inventories	Brittany Meighan Rancharan, CBIT-GSF
10:00 – 10:15	Q&A and sharing of opinions	Facilitator
10:15 - 10:35	Coffee Break	
10:35 - 10:50	Exercise: applying different flexibility provisions for developing countries (tables and text).	Brittany Meighan Rancharan, CBIT-GSI
10:50 – 11:05	Presentation: GHG Inventory Linkages to National Agenda	Kamil Salazar, NCCO
11:05 - 11:20	<b>Presentation:</b> BTR status, plans for preparation of National GHG Inventory for BTR, Challenges in preparing GHG Inventory under the ETF (NID/BTR)	Brittany Meighan Rancharan, CBIT-GSI
11:20 – 12:00	Exercise on BTR Planning Tool	All Participants
12:00 - 13:00	Lunch Break	
13:00 - 14:00	Presentation on IPCC National GHGI Reporting and Guidelines: 1.Approaches to Data Collection, Existing data management system, 2.Uncertainty analysis 3.Methodological Choice and Identification of Key Categories	CBIT-GSP
14:00 – 15:00	Presentation on IPCC National GHGI Reporting and Guidelines: 4.Time Series Consistency including splicing techniques & Recalculation 5.Quality Assurance/Quality Control and Verification	CBIT-GSP
15:00 - 15:20	Coffee Break	
15:20 – 16:00	Tools and Software for Reporting •Introduction to the tools and software available for facilitating reporting. •Live demo of the IPCC Inventory software tool •Information on UNFCCC ETF Reporting Tool	CBIT-GSP
16:00 - 16:15	Closing remarks and expectations for following workshop days	Organizers and Host Country

## Agenda Day 2

Day 02 - 17/04/2024 (Agriculture & IPPU Sector)	
Registration, Recap Day 1 and Agenda for Day 2	Facilitator
Introduction to the Agriculture Sector	CBIT-GSP
Overview of Belize's Agriculture GHG Inventory	Host Country
Agriculture Sector Methodological overview for the Agriculture sector Livestock-related emission sources, data collection	CBIT-GSP
Coffee Break	
Soil and crop-related emission sources, data collection, and estimation methods	CBIT-GSP
Agriculture Data Exercise with Belize's GHG Inventory	CBIT-GSP
Lunch Break	
Overview of Belize's IPPU GHG Inventory	Host Country
IPPU Sector Overview Mineral Industry: Cement, Lime, Glass, Use of Carbonates	CBIT-GSP
Non-Energy Products from Fuels and Solvent Use: Lubricant, Paraffin, Solvent Use, Other	CBIT-GSP
Coffee Break	
Product Uses as Substitutes for Ozone Depleting Substances: Refrigeration and Air Conditioning, Foam Blowing Agents, Fire Protection, Aerosols, Solvents, Other Applications	CBIT-GSP
Discussion and wrapping up	Organizers and Host country
	Registration, Recap Day 1 and Agenda for Day 2Introduction to the Agriculture SectorOverview of Belize's Agriculture GHG InventoryAgriculture SectorMethodological overview for the Agriculture sectorLivestock-related emission sources, data collectionCoffee BreakSoil and crop-related emission sources, data collection, andestimation methodsAgriculture Data Exercise with Belize's GHG InventoryLunch BreakOverview of Belize's IPPU GHG InventoryIPPU Sector OverviewMineral Industry: Cement, Lime, Glass, Use of CarbonatesNon-Energy Products from Fuels and Solvent Use:Lubricant, Paraffin, Solvent Use, OtherCoffee BreakProduct Uses as Substitutes for Ozone DepletingSubstances: Refrigeration and Air Conditioning, FoamBlowing Agents, Fire Protection, Aerosols, Solvents, OtherApplications

## Agenda Day 2

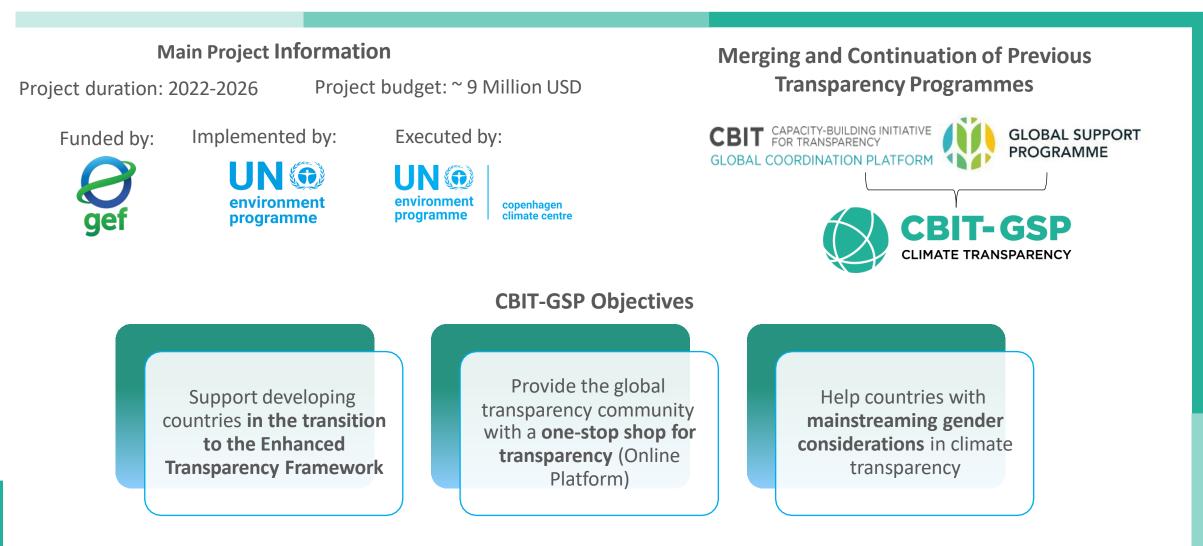
	Day 03 - 19/03/2024 (Waste Sector)	
8:45 - 09:00	Registration, Recap Day 2 and Agenda for Day 3	Faciliator
09:00 - 09:15	General Overview of Waste Sector	CBIT-GSP
09:15 - 09:30	Overview of Belize's Waste Sector GHG Inventory	Host Country
9:30 - 10:30	Waste Generation and Management Data, Waste composition data Followed by Q&A session	CBIT-GSP
10:30 - 10:45	Coffee Break	
10: 45 – 12:00	Solid Waste Disposal: Managed and Unmanaged Incineration and Open Burning Followed by Q&A session & Exercise	CBIT-GSP
12:00 - 13:00	Lunch Break	
13:00 - 14:00	Wastewater Handling: Domestic and Industrial Followed by Q&A session & Exercise	CBIT-GSP
14:00 - 14:45	Group Exercise	All Participants
14:45 – 15:00	Coffee Break	
15:00 - 15:15	Main learnings and evaluation of the event – next steps	Organizers and Host Country
15:15- 16:00	Closing of the Session	Organizers and Host Country



# Introductions

- Please introduce your yourself:
  - NAME
  - MINISTRY/AGENCY
  - POSITION
  - 1 Word to describe yourself

### CBIT-GSP at a Glance

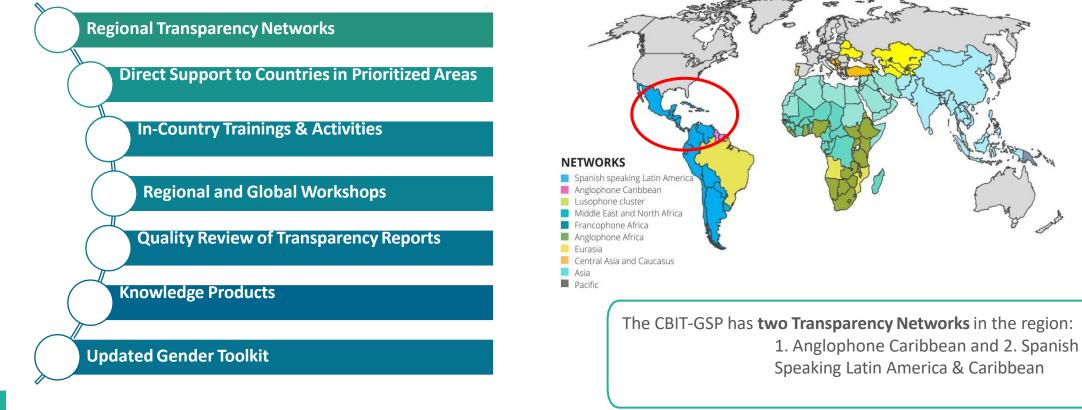




### **CBIT-GSP** Support Modalities

**Regional Transparency Networks** 

#### Main Mediums of Support









## Introduction to the Provisions of the ETF & MPGs, Biennial Transparency Reports (BTR), National Inventory Document, and Common Reporting Table (CRT)

### 16 – 19 April 2024 Belize



Brittany Meighan Rancharan Regional Network Coordinator – Anglophone Caribbean CBIT-GSP



supported by





### Enhanced Transparency Framework (ETF)

### Article 13 decision 18/CMA.1, Paris Agreement adopts the enhanced transparency framework (ETF) for action and support:

- Build trust between countries and ensure the reliability of information
- Contribute to the effective implementation of the PA
- Take into account flexibilities in the different capacities of Parties and be based on collective experience in collecting and reporting information
- Take into account special circumstances in the capacities of small island States and least developed countries

The Goal of Transparency for Climate Action
→ A clear understanding of the country's actions to make progress towards NDC goals, and reporting for global stocktake

## The Goal of Transparency for the support received/needed

→ A clear understanding of the support provided and received, including information on climate finance, and reporting for global stocktake



Further reading: Technical Guidance for Developing Countries on the Implementation of the Enhanced Transparency Framework under the Paris Agreement, 2023, UNFCCC





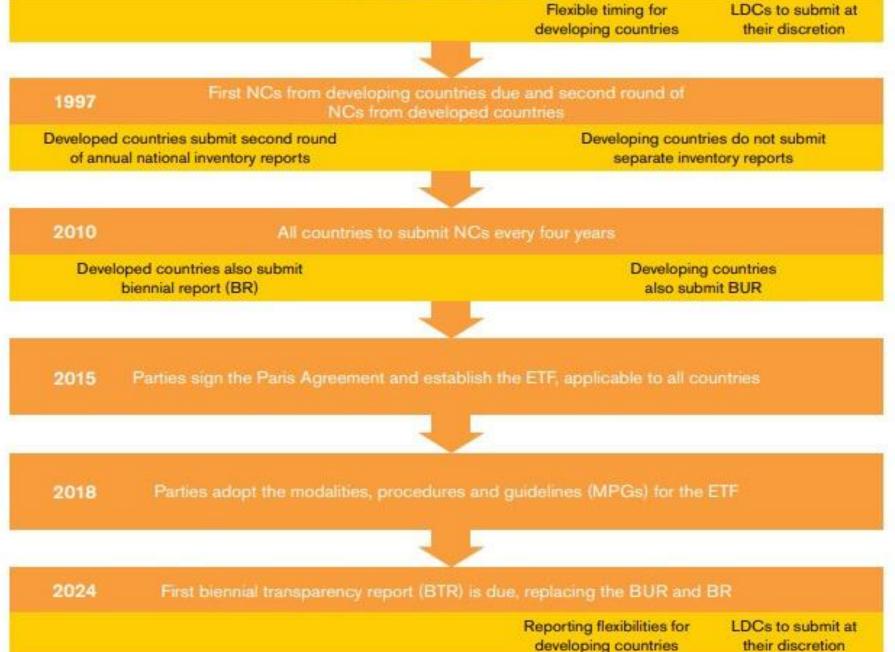
1992



UN 🏵

programme

copenhagen climate centre







UN 🏵

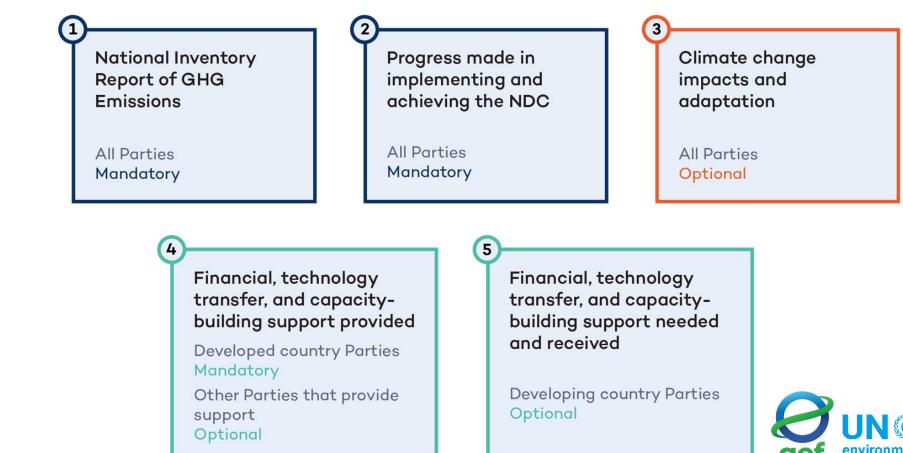
programme

limate centr



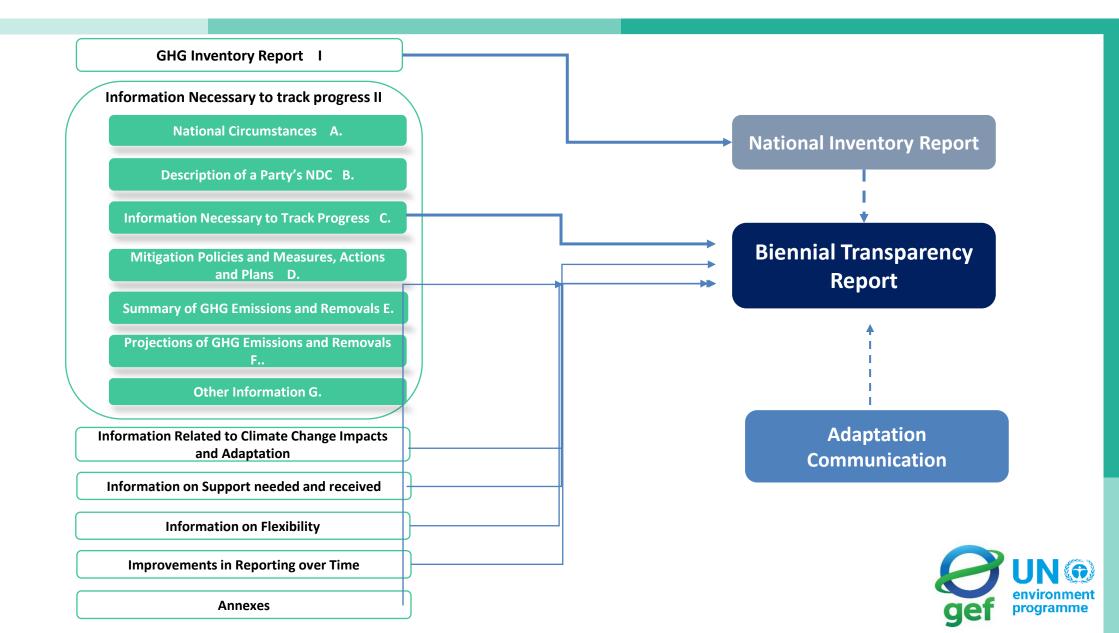
programme

### The BTR is the **reporting vehicle for the ETF**





### **BTR** Outline



environment programme copenhagen climate centre **FICAT** 



UN 💮

environment

programme

copenhagen climate centre

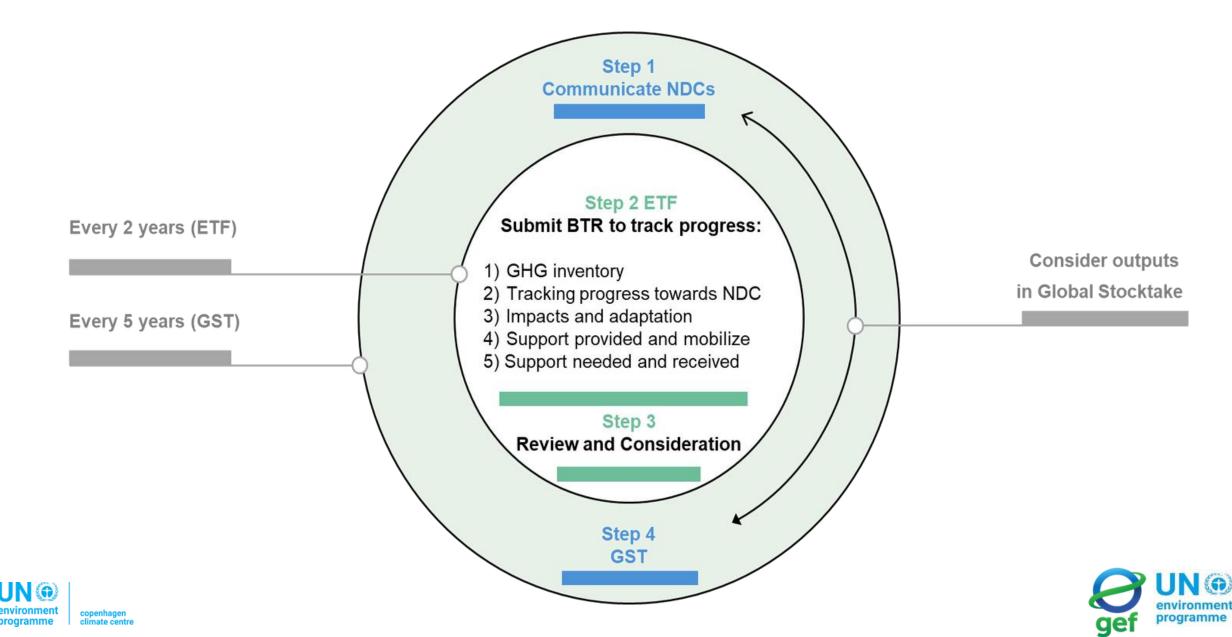


Streng	Objective Strengthen the global response to the CLIMATE CHANGE CRISIS						Article 4 – Mitigation/NDC
Long-term temperature goal (2oC/1.5oC)		Climate resilient and low emissions development			Einancial flows		<ul><li>Article 7 – Adaptation</li><li>Article 9 – Finance</li></ul>
Action			Mean	s of im	plementatio	on	<ul> <li>Article 10 – Technology development and transfer</li> </ul>
Adaptation	Mitigation		Finance		n dev. Insfer	Capacity- building	•Article 11 – Capacity-building
		/	Accountability				Article 13 – Transparency
Transparency of action and support				0	implementation ting compliance	<ul> <li>Article 14 – Global Stocktake</li> <li>Article 15 – Compliance</li> </ul>	



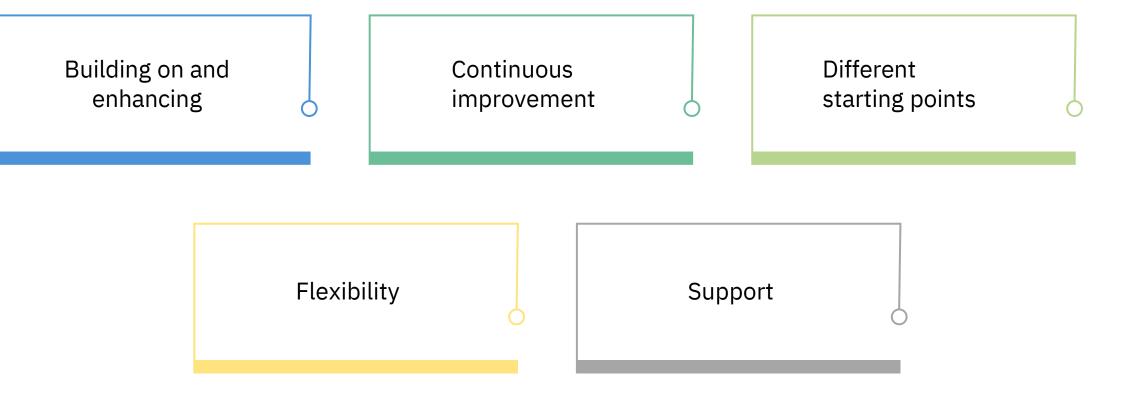
### **CBIT-GSP** CLIMATE TRANSPARENCY Paris Agreement – Linking NDCs, ETF and GST







### Fundamentals of Transparency - ETF











### Transparency Arrangements



Measurement, Enhanced Reporting and Transparency Verification (MRV) Framework (ETF) under the under the Paris Convention Agreement To communicate the information relevant to the implementation, And additional benefits including on emissions and removals, actions and support; including; informing domestic policies, plans, strategies To provide accurate and reliable data and information; and programs; improved access to support; To build trust and confidence among the Parties; capacity building; political buy-in; increased awareness. To promote effective implementation.



environment programme

### CBIT-GSP ETF vis-à-vis existing MRV arrangements: Reporting themes



programme

gef

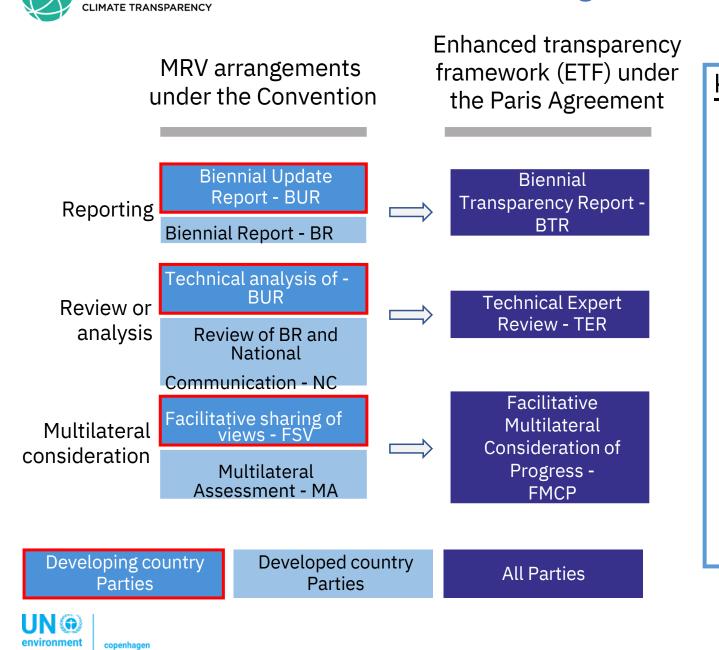
Biennial Update Reports BUR	National communications NC	Biennial transparency reports BTR
National greenhouse gas inventory	•National greenhouse gas inventory	<ul> <li>National greenhouse gas inventory</li> </ul>
•Mitigation actions and their effects	•Programmes containing measures to mitigate climate change	<ul> <li>Progress made in implementing and achieving NDCs</li> </ul>
	•Programmes containing measures to facilitate adaptation to climate change	•Climate change impacts and adaptation (as appropriate)
•Finance, technology and capacity- building needs	<ul> <li>Transfer of technology</li> <li>Research and systematic observation</li> <li>Education, training and public awareness</li> <li>Capacity-building</li> <li>Information and networking</li> </ul>	<ul> <li>Financial, technology transfer and capacity-building support needed and received</li> <li>Flexibility</li> </ul>
	•Constraints and gaps, and related financial, technical and capacity-building needs	improvement
Cancun Agreements (1/CP.16) and Durban Outcomes (2/CP.17)	Article 4.1 and 12.1 of the Convention; decision 17/CP.8	Article 13 of the Paris Agreement; decisions 18/CMA.1, 5/CMA.3

reports.

mate centre

programme

### **CBIT-GSP** ETF: Builds on existing MRV arrangements and enhances it 🛟 ICAT



### Key areas of enhancement

- Establishes common modalities, procedures and guidelines (MPGs) applicable to all Parties with flexibility to those developing countries that need it in the light of their capacities
- Provisions/requirements mostly mandatory("shall")
- Parties need to (to the extent possible) identify, regularly update, and report on areas of improvement > continuous improvement
- Establishment of Compliance Committee (mechanism to facilitate implementation of and promote compliance) - NDCs, reporting, TER and FMCP, and their relationship to Article 15





## Architecture of the ETF

### **FICAT**

# Reporting Biennial Transparency Report

- I. GHG inventory (all shall)
- II. Progress in NDCs (all shall)
- III.Adaptation (all should)
- IV.Support provided & mobilized (developed shall)
- V.Support needed & received (developing should)

### Review

### Technical Expert Review

- I. Consistency of information reported
- II. Consideration of progress with and achievement of NDC
- III. Support provided (developed shall, and other Parties at their discretion)
- IV. Identification of improvements
- V. Identification of capacity building needs

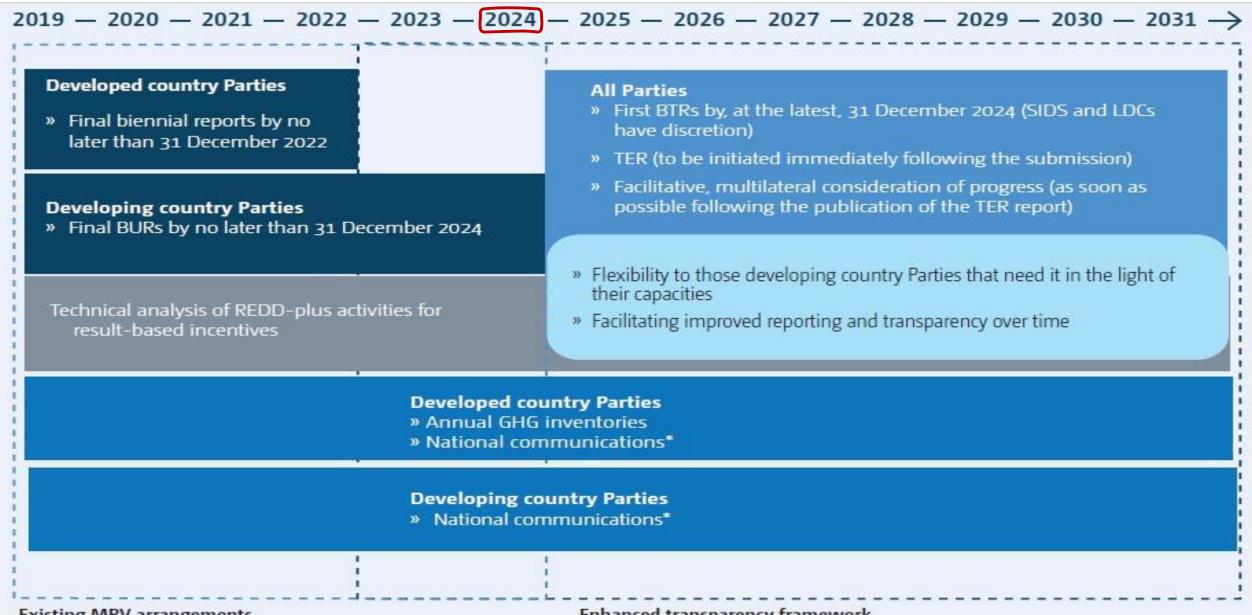
# Consideration FMCP

- •Online Q&A
- •In session presentation and Q&A (*all shall*)





#### Indicative timeline of moving towards the ETF 🗧 ICAT CBIT-GSP CLIMATE TRANSPARENCY



Existing MRV arrangements

Enhanced transparency framework





### Implications of the ETF for developing countries

- New elements and guidelines:
  - Common reporting tables and common tabular format templates
  - Stricter requirements for GHG inventories
  - Tracking NDC progress
- The establishment of sustainable national MRV systems becomes a crucial element
- It is necessary to improve technical capacities, especially for NGHG Inventories
- Clarity of NDCs! If the goals of the NDC are not easy to understand, it will be very difficult to track the measurement of progress in its implementation
- Prepare for more serious technical reviews
   Openhagen

$\equiv$	





## Outline of the BTR



#### BTR

#### National GHG inventory\*

Progress made in implementing and achieving NDCs\*

Financial, technology transfer and capacity-building support

Financial, technology transfer and capacity-building support

Additional information when NCs and BTRs submitted jointly



UN 🏵

#### I. National **inventory** do

**Overview of chapters** 

- National **inventory** document of anthropogenic emissions by sources and removals by sinks of GHGs (MPGs, para. 17-58)
- II. Information necessary to track progress made in implementing and achieving NDCs under Article 4 of the Paris Agreement (MPGs, para. 59-103)
- III. Information related to climate change impacts and adaptation under Article 7 of the Paris Agreement (MPGs, para. 104-117)
- IV. Information on financial, technology development and transfer and capacity-building support provided and mobilized under Articles 9–11 of the Paris Agreement (MPGs, para. 118-129]
- V. Information on financial, technology development and transfer and capacity-building **support needed and received** under Articles 9–11 of the Paris Agreement (MPGs, para. 130-145)
- VI. Information to be reported **when NCs and BTRs are submitted joi**ntly every four years **(1/CP.24, para. 43)** (vulnerability assessment, cc impacts and adaptation measures-if not reported in section III; RSO; education, training and public awareness)
- VII. Information on **flexibility (MPGs, para. 6)** (Indication of (1) reporting provisions to which self-determined flexibility is applied, (2) capacity constraints in relation to the application of flexibility and (3) self-determined estimated time frames for improvements in relation to those capacity constraints)
- VIII. Improvements in reporting over time (MPGs, para. 7-8) (areas of improvement, how these will be addressed, which areas are related to flexibility provisions, reporting-related CB support needs)
- IX. Any other information the Party considers relevant to the achievement of the objective of the Paris Agreement, and suitable for inclusion in its BTR

Annexes: (i) Technical annexes for REDD+, as applicable; (ii) CRTs for electronic reporting of NIR; (iii) CTFs for

electronic reporting of tracking progress in NDCs, FTC support provided/mobilized and/or needed and received; (iv) Information in relation to the Party's participation in cooperative approaches, as applicable



## Outline of the NID



- 1. Executive Summary (including six sub-sections)
- 2. National circumstances, institutional arrangements and cross-cutting Information (including nine sub-sections)
- 3. Trends in greenhouse gas emissions and removals (including two sub-sections)
- 4. Energy (CRT Sector 1) (including six sub-sections)
- 5. Industrial processes and product use (CRT sector 2) (including two sub-sections)
- 6. Agriculture (CRT sector 3) (including two sub-sections)
- 7. Land use, land-use change and forestry (CRT sector 4) (including four sub-sections)
- 8. Waste (CRT sector 5) (including two sub-sections)
- 9. Other (CRT sector 6) (if applicable)
- 10. Indirect carbon dioxide and nitrous oxide emissions (related to nonmandatory provisions as per para. 52 of the MPGs) (including six sub- sections)
- 11. Recalculations and improvements (including six sub-sections)

Annex I: Key categories (flexibility provided to those developing country Parties that need it in the light of their capacities as per para. 25 of the MPGs) Annex II: Uncertainty assessment (flexibility provided to those developing country Parties that need it in the light of their capacities as per para. 29 of the MPGs) Annex III: Detailed description of the reference approach (including inputs to the reference approach such as the national energy balance) and the results of the comparison of national estimates of emissions with those obtained using the reference approach (related to a nonmandatory provision as per para. 36 of the MPGs)

Annex IV: QA/QC plan (related to a non-mandatory provision as per para. 35 of the MPGs, with flexibility provided to those developing country Parties that need it in the light of their capacities as per paras. 34–35 of the MPGs)

Annex V: Any additional information, as applicable, including detailed methodological descriptions of source or sink categories and the national emission balance Annex VI: Common reporting tables



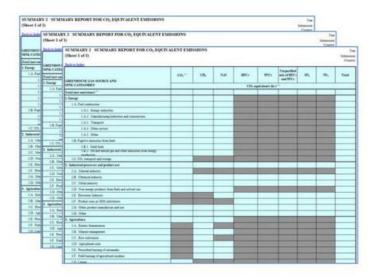


# **CBIT-GSP** Common Reporting Tables (CRT)

- Prepared for the electronic reporting of information in the NIR of anthropogenic emissions by sources and removals sinks of GHGs Set of MS Excel workbook (containing 60 worksheets) for each reported year
- There are three types of table for each year
- Sectoral Background Tables (white/orange cells) Need to fill data at this layer
- Sectoral Report Tables (green cells) Automatically generated
- Summary Tables/Cross-sectoral Tables (blue cells) Automatically generated



(Sheat 1									Long Co	_
AIT	Cheve 1	I SECTORAL REPORT FOR ENERGY of IJ								200
Tanal Sur	Salar 1	TABLE I SECTORAL REPORT FOR ENERGY								Case
LA.Fuel	CHILINE	Chest 1 of 11								. Autor
LALS	Tend Ser									
144		LARD TO DOWN THE GAR NOT BEET AND NEW CATEGORIES	C0,	(3)	3,0	30	03	MADE	Mb.	Treat SING marries
- SAS	141.0			1.	- 08	-	1	080,00		CTD. reptaban.
	14.1	Laditarg				111 0.000	1. k			A CONTRACTOR
141 1	1.8.1	LA.Faid snebscripe entropy contend approach/				1				
14.5	14.	LAL Sargi Infective								
5.4.2		3.8.2.a Polic sistery ad too polarize								
1.4.2	142.4	1.8.13 Petrolean ordersy						-		
144		1.4.5.4.5.5m/dense of sold Sels and other usings pulsation								
1.4.3	14.1	1.1.2 Monthemating industries and unantractive								-
1.8.8.2	3.4.1	1.8.2a loss and good							-	
5.63	- 24.	CA.25 Non-Brown and all								-
LAXS	LA	EA3x Chesal			-					
24.5	14. 6A.	C.6.3.4 Pris. prov and pret								
1.14.5		C.6.2 a Fred processing, bermaps and tributes								
14.1	1411	C421 No and seek								
14.0	14.5	CALLy Other						-	-	
14.6	54.5	LAXDecident								
LAAC	14.0	1.1.7.5 Damen mining								
12.4	18.	LAUX Refrequencies								
144	2.8.3	LAJA Batron								
1.6.4	1.8.4.4	LAJA Dennis ternetes								
LAXE	1.8.4	LAJA Obe temperaties						-		-
LAS	-1.6.4	A.A.4. Other sectors								
14.1	LA	1 X./A. Common of Institutional								
8 Tage	144.0	L.L.F.S. Partitional						-		
181.4	6.6.3	1.1.4.1 Agenther Investor Rolling			_					
1.81	. SAS	LAX OBM						-		
181	1.8.Fage	LATA Network			_				-	
-	181.4	LATA block			_					
	181	1.8. Fagible entroise from Soft.								
1	181	183 Sold hele	-						-	
		LB( a Cod units at heritig							10000	
		1810 Followineses	-					-	-	-



Sectoral Background Tables

Sectoral Report Tables

Summary / Cross-sectoral / Trends Tables

# **CBIT-GSP** Index of common reporting tables (CRT)



	4				
Table1Table1.A(a)s1Table1.A(a)s2Table1.A(a)s3Table1.A(a)s4Table1.A(b)Table1.A(c)Table1.A(d)Table1.B.1Table1.B.2Table1.CTable1.DTable2(I)Table2(I).A-H	Energy	Table4Table4.1Table4.ATable4.BTable4.CTable4.DTable4.ETable4.FTable4(I)Table4(II)Table4(II)Table4(II)Table4(IIV)Table4(IV)	LULUCF	Table6Table7Table8s1Table8s2Table9Table10s1Table10s2Table10s3Table10s4Table10s5	Cross Cutting (Key Category, Recalculation) Trend Tables
Table2(II)Table2(II)B-Hs1Table2(II)B-Hs2	IPPU	Table4.Gs2       Table5       Table5.A		<u>Table10s5</u> <u>Table10s6</u> <u>Flex_Summary</u>	Flexibility Provisions
Table3 Table3.A Table3.B(a)		Table5.B Table5.C Table5.D	Waste		
Table3.B(b)Table3.CTable3.DTable3.ETable3.F	Agriculture	Summary1 Summary2 Summary3	Summary Tables		
Table3.G-J					

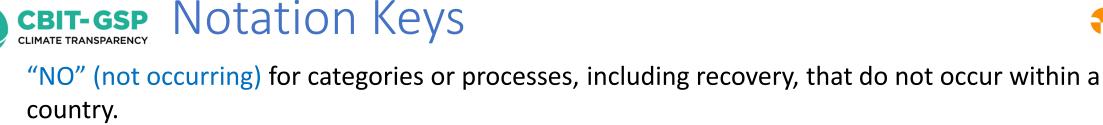
UN 💮

environment

programme

copenhagen climate centre





- "NE" (not estimated) for activity data and/or emissions by sources and removals by sinks of GHGs that have not been estimated but for which a corresponding activity may occur within a country; Where "NE" is used by a country to report emissions or removals of CO2, N2O, CH4, HFCs, PFCs, SF6 or NF3, the country must indicate in both the NID and the CRT 9 why such emissions or removals have not been estimated.
- "NA" (not applicable) for activities under a given category that do occur within the country but do not result in emissions or removals of a specific gas; If the cells for categories in the CRT for which "NA" is applicable are shaded gray they do not need to be filled in.
- "IE" (included elsewhere) for emissions by sources and removals by sinks of GHGs estimated but included elsewhere in the inventory instead of under the expected category. Where "IE" is used, the country should indicate, in CRT 9 where in the inventory the emissions or removals for the displaced source or sink category have been included and explain the deviation.
- "C" (confidential) for emissions by sources and removals by sinks of GHGs where the reporting would involve the disclosure of confidential information.
- "FX" (flexibility) for cells where data is not available or reported because of a flexibility provision applied by a country that needed flexibility in the light of its capacity



5 ICAT



(C)

ETF PROGRESS



## New ETF reporting tool

Start

Start

Start

Homepage - <u>https://apps.unfccc.int/home</u> Use any internet browser (e.g., Firefox, Edge, Chrome, or Safari) on your PC.

Data entry

Please select this option to create a new blank version and start working on it.

Please select this option if you would like to work on or make a copy of an existing version.

Please select this option if you would like to create a new version by uploading a JSON file.

Reporting tables

Please select an option to start working on a CTF version

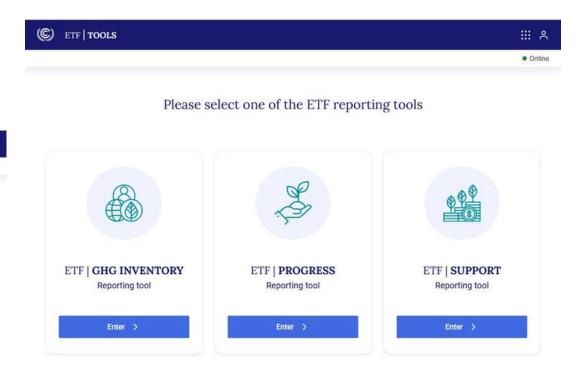
QA/QC

CTF versions

Create blank version

Select an existing version

Upload a file









## Flexibility Provisions for GHG Inventory

REFERENCE IN THE MPGs	PROVISION IN THE MPGs	FLEXIBILITY PROVISION FOR THOSE DEVELOPING COUNTRY PARTIES THAT NEED IT IN THE LIGHT OF THEIR CAPACITIES
Paragraph 25 Key category analysis	Parties shall implement the key category analysis consistent with the IPCC guidelines (i.e. apply <b>the 95</b> <b>per cent threshold</b> defined in the IPCC guidelines).	Identify key categories using a threshold no <b>lower than</b> <b>85 per cent</b> in place of the 95 per cent threshold defined in the IPCC guidelines.
Paragraph 29 Uncertainty assessment	Parties <b>shall quantitatively estimate and qualitatively</b> <b>discuss the uncertainty</b> of the emission and removal estimates for all categories, including inventory totals, for at least the starting year and the latest reporting year of the inventory time series, and shall also estimate the trend uncertainty for these same categories/inventory totals for the entire time series.	uncertainty for key categories, using the IPCC
Paragraph 32 Use of the notation key "NE" (not estimated)	A category should only be considered insignificant if the likely level of emissions is below 0.05 per cent of the national total GHG emissions, excluding LULUCF, or 500 kt CO2 eq, whichever is lower.	Consider emissions to be insignificant if the likely level of emissions is below 0.1 per cent of the national total GHG emissions, excluding LULUCF, or 1,000 kt CO2 eq, whichever is lower.
	The total <b>national aggregate of estimated emissions</b> <b>for all gases from categories considered insignificant</b> <b>shall remain below</b> <u>0.1 per cent of the national total</u> GHG emissions, excluding LULUCF.	The total national aggregate of estimated emissions for all gases from categories considered <b>insignificant</b> , in this case, shall remain <u>below 0.2 per cent of the</u> <u>national total</u> GHG emissions, excluding LULUCF.



## Flexibility Provisions for GHG Inventory

REFERENCE IN THE MPGs	PROVISION IN THE MPGs	FLEXIBILITY PROVISION FOR THOSE DEVELOPING COUNTRY PARTIES THAT NEED IT IN THE LIGHT OF THEIR CAPACITIES
Paragraph 34 <b>QA/QC</b>	Parties <b>shall elaborate an inventory QA/QC plan</b> in accordance with the IPCC guidelines, including information on the inventory agency responsible for implementing QA/QC.	<b>Encouraged</b> to elaborate an inventory QA/QC plan in accordance with the IPCC guidelines, including information on the inventory agency responsible for implementing QA/QC.
Paragraph 35 <b>QA/QC</b>	Parties <b>shall implement and provide information</b> on general inventory <b>QC procedures</b> in accordance with the QA/QC plan and the IPCC guidelines.	<b>Encouraged</b> to implement and provide information on general inventory QC procedures in accordance with the QA/QC plan and the IPCC guidelines.
Paragraph 48 Gases	Parties <b>shall report on seven gases</b> : CO2, CH4, N2O, HFCs, PFCs, SF6 and NF3.	<b>Report at least three gases (CO2, CH4 and N2O)</b> as well as any of the additional four gases (HFCs, PFCs, SF6 and NF3) that are included in the Party's NDC under Article 4 of the Paris Agreement, are covered by an activity under Article 6 of the Paris Agreement, or have been previously reported.
Paragraph 57 <b>Time series</b>	Parties shall report a consistent annual time series starting from 1990.	Parties may report data covering, at a minimum, the reference year/period for their NDC under Article 4 of the Paris Agreement and, in addition, a consistent annual time series from at least 2020 onward.
Paragraph 58 <b>Reporting year</b>	The latest reporting year shall be no <b>more than two</b> <b>years</b> prior to the submission of the national inventory report.	The latest reporting year shall be <b>no more than three years</b> prior to the submission of the national inventory report.



## Key Points

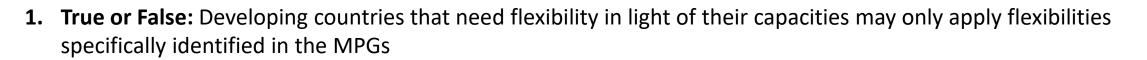
- **Understanding the Framework**: Familiarize yourself with the Enhanced Transparency Framework (ETF) requirements to enhance transparency in reporting greenhouse gas emissions.
- Data Collection and Reporting: Ensure accurate and comprehensive data collection from various sectors to report on all sources and sinks of greenhouse gas emissions in your country.
- Quality Assurance and Quality Control: Implement robust quality assurance and quality control processes to validate the accuracy and reliability of the reported data.
- Sectoral Guidance: Follow sector-specific guidance provided by the ETF to ensure consistency in reporting across different sectors of the economy.
- **Capacity Building**: Invest in capacity building initiatives to train staff members involved in preparing national greenhouse gas inventories, ensuring they have the necessary skills and knowledge.
- Stakeholder Engagement: Engage with stakeholders, including government agencies, private sector entities, and civil society organizations, to promote transparency and inclusivity in the inventory preparation process.
- **Documentation and Reporting Tools**: Utilize appropriate documentation and reporting tools recommended by the ETF to facilitate the preparation of national greenhouse gas inventories.
- **Peer Review and Feedback**: Seek peer review and feedback from experts in the field to improve the quality and accuracy of the inventory before submission.
- **Continuous Improvement**: Embrace a culture of continuous improvement by learning from past reporting experiences and incorporating best practices into future inventory preparation processes.
- Compliance and Deadlines: Adhere to compliance requirements and meet deadlines to demonstrate your commitment to transparency and accountability in reporting greenhouse gas emissions.



**TACI 7** 







#### Answer: True

**2.** What is the threshold percentage for identifying key categories in the GHG inventory according to the flexibility provisions?

A) 75%

B) 85%

C) 90%

D) 95%

**Explanation:** Flexibility to Identify key categories using a threshold no lower than 85 percent in place of the 95 percent threshold defined in the IPCC guidelines.

**3.** Which option is provided regarding the reporting of GHGs (gases) under flexibility provisions?

·A) Report all 7 GHGs mandated by IPCC guidelines.

·B) Report at least 5 GHGs.

C) Report at least 3 GHGs, plus any additional gases included in the Party's NDC or covered by Article 6 of the Paris Agreement.

D) Report only CO2 emissions.



4. **True or False:** Developing countries are required to report a consistent annual time series starting from 1990 according to flexibility provisions.

Answer: False

**Explanation:** Flexibility to report data covering, at a minimum, the reference year/period for its NDC and, in addition, a consistent annual time series from at least 2020 onward; instead of mandatory requirement to report a consistent annual time series starting from 1990.

5. Developing countries presenting its BTR in 2024 can request the flexibility to include information of emissions in its National GHG Inventory up to the year \_\_\_\_\_, otherwise they must present information up to \_\_\_\_\_\_:

A) 2023 and 2022.

B) 2022 and 2023.

C) 2021 and 2022.

D) 2020 and 2022.

**Explanation**: Two years for Parties to which flexibility is not applicable, 3 years for developing parties who wish to apply flexibility

**6. True or False:** Once the notation key "FX" is applied, the developing country Party is not required to provide explanation of how this is applied. **Answer:** False



Welcome to the Climate Transparency Platform

LEARN MORE

# **Thank you for your attention !**

**CBIT-GSP** CLIMATE TRANSPARENCY

Please reach out to us for any question, comments or suggestions!



**Anglophone Caribbean Network Coordinator** 

**Brittany Meighan Rancharan** Brittany.Meighan@un.org



**CBIT-GSP Global Coordinator** 

Fatima-Zahra TAIBI

fatima-zahra.taibi@un.org



**CBIT-GSP Project Officer** 

Susanne KONRAD

susanne.konrad@un.org



**CBIT-GSP Transparency Officer** 



juliette.lunel@un.org



**CBIT-GSP** Project Officer





UN 🛞 environment programme



copenhagen climate centre