



**Alianza para la Transparencia**  
en el Acuerdo de París  
Grupo Regional de América Latina y el Caribe



# The ETF and Modalities, Procedures and Guidelines with focus on NDC tracking provisions and overview of CTF

**Fernando Farias**  
Senior Advisor  
UNEP-Copenhagen Climate Centre  
Fernando.farias@un.org



copenhagen  
climate centre



# Chapter 3 MPG: Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

## A. National circumstances and institutional arrangements

- The aim is to paint a comprehensive picture of a country's unique situation that might impact their progress towards NDCs. This includes understanding the institutional framework that supports climate change initiatives.

## B. Description of a Party's NDC under Article 4 of the Paris Agreement, including updates

- This section aims to provide a detailed account of a country's NDC, including all its parameters and any updates since the last report. The intent is to ensure a clear understanding of the country's climate commitments and any changes therein.

## C. Information necessary to track progress

- The goal of this section is to outline how a country tracks its progress towards meeting its NDCs. It involves detailing the specific indicators used and sharing the most recent data related to these indicators.

## D. Mitigation Policies, Actions, and Plans

- This part aims to present a detailed account of the country's efforts to mitigate climate change, including policies, actions, and plans. The goal is to highlight the measures being taken to reduce GHG emissions and the effectiveness of these measures.

## E. Summary of GHG Emissions and Removals

- This section's goal is to provide a succinct summary of a country's GHG emissions and removals. This information is especially important for countries submitting a stand-alone national inventory report.

## F. Projections of GHG Emissions and Removals

- The goal here is to present projections of a country's future GHG emissions and removals, based on current mitigation policies and measures. This helps to identify the potential future trajectory of a country's GHG emissions.

## G. Other Information

- This section provides a platform for countries to share any additional relevant information that helps understand their progress in implementing and achieving their NDCs. This could include any unique initiatives, challenges, or plans that are relevant to their NDC progress.

## A. National circumstances and institutional arrangements **Reporting information on tracking progress of NDCs**

- Each Party **shall** describe its **national circumstances relevant** to progress made in implementing and achieving its NDC, including:



- Each Party **shall** provide information on:
  - **how its national circumstances affect GHG emissions and removals** over time.
  - **the institutional arrangements in place to track progress of NDCs, including those used for tracking ITMOs\*, if applicable.**
  - **legal, institutional, administrative and procedural arrangements** for domestic implementation, monitoring, reporting, archiving of information and stakeholder engagement related to the implementation and achievement of its NDC.

\* ITMOs: Internationally transferred mitigation outcomes

# Reporting information on tracking progress of NDCs

## B. Description of a Party's NDC, including updates

Each Party **shall** provide a **description of its NDC**, against which progress will be tracked:

	Description
Target(s) and description, including target type(s)*, as applicable	
Target year(s) or period(s), and whether they are single-year or multi-year target(s), as applicable	
Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable	
Time frame(s) and/or periods for implementation, as applicable	
Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases, as applicable	
Intention to use cooperative approaches that involve the use of ITMOs under Article 6 towards NDCs under Article 4 of the Paris Agreement, as applicable	
Any updates or clarifications of previously reported information, as applicable	

→ *This table is to be used by Parties on a voluntary basis, however information items are shall*

→ Parties with both unconditional and conditional targets in their NDC may add a row to the table to describe conditional targets

→ This information overlaps with NDC/ICTU, ensure consistency or explain changes/updates

\* *Examples of target types:* economy-wide absolute emission reduction, emission intensity reduction, emission reduction below a projected baseline, mitigation co-benefits of adaptation actions or economic diversification plans, policies and measures, etc.

# Reporting information on tracking progress of NDCs

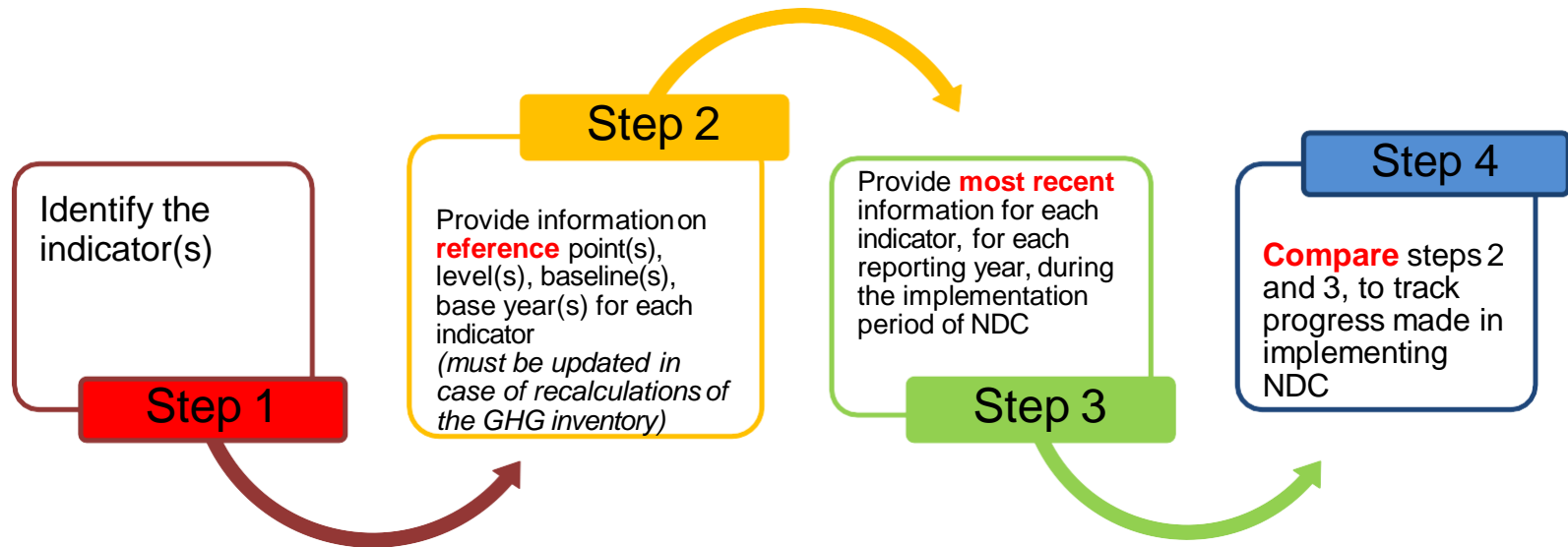
## C. Information necessary to track progress made in implementing and achieving NDCs

- Each Party **shall** identify **indicator(s)** (*quantitative or qualitative; relevant to the NDC*) to track progress towards implementation and achievement of its NDC
- Each Party **shall** provide:
  - the information for each selected indicator for the **reference point(s)**, level(s), baseline(s), base year(s); and the **most recent information** for each reporting year; and **compare** these
  - description of each **methodology and accounting approach** used for its NDC target, construction of baseline, and each indicator identified; [*key parameters, assumptions, definitions, data sources, models, IPPC guidelines, metrics, etc*]
  - all this information in a **structured summary** to track progress:
    - ✓ Information on indicators [*reference level; most recent; at the reporting years in between*]
    - ✓ GHG emissions and removals consistent with the scope of its NDC, where applicable;
    - ✓ Contribution from the LULUCF sector for each year of the target period or target year, as applicable;
    - ✓ Information on use of ITMOs, as applicable;
- Each Party **with an NDC that consists mitigation co-benefits** from adaptation actions and economic diversification plans, **shall** provide information on domestic policies and measures implemented to address social and economic consequences of response measures.

# Reporting information on tracking progress of NDCs

## C. Information necessary to track progress made in implementing and achieving NDCs

Overview of steps for Parties to track progress of their NDCs by indicators:



- For the first BTR that contains information on the end year of NDC, provide assessment of whether target is achieved.

# Reporting information on tracking progress of NDCs

## D. Mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, related to implementing and achieving an NDC

- Each Party **shall** provide information on **policies, actions and measures that support implementation of its NDC**, focusing on those that have the most significant impact on GHG emissions or removals and those impacting key categories in the national GHG inventory
- To the extent possible, Parties **shall** organize reporting of actions **by sector** (energy, transport, IPPU, agriculture, LULUCF, waste, other), in a tabular format, including relevant information on mitigation co-benefits, as applicable:

Name	Description	Objectives	Type of instrument (regulatory, economic, other)	Status (planned, adopted, implemented)	Sectors affected	Gasses affected	Start year of implementation	Implementing entity
------	-------------	------------	--------------------------------------------------	----------------------------------------	------------------	-----------------	------------------------------	---------------------

- Each Party may also provide information on related costs, non-GHG mitigation benefits and how these actions interact with each other, as appropriate
- Each Party **shall** provide information on **estimates of expected and achieved GHG emission reductions [FX: encouraged]**; and **methodologies and assumptions used**, to the extent possible
- Each Party should: identify PAMs no longer in-place and explain why; provide information on how its PAMs are modifying longer-terms trends in GHG emissions and removals

# Reporting information on tracking progress of NDCs

## E. Summary of greenhouse gas emissions and removals

- Each Party, that submits a stand-alone national inventory report, **shall** provide a **summary of its GHG emissions and removals**.
- This information shall be provided for those reporting years corresponding to the Party's most recent national inventory report, in a tabular format.

### ➤ the common reporting table 10 emission trends – summary

GREENHOUSE GAS EMISSIONS AND REMOVALS	Reference year/period for NDC <sup>(1)</sup>	Base year <sup>(2)</sup>	1990 <sup>(1)</sup>	(Years 1991 to 2019)	(Years 1991 to 2019)	2020	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	Change from [1990][base year][reference year][period] to latest reported year (%)							
CO <sub>2</sub> equivalents (kt) <sup>(3)</sup>																	
CO <sub>2</sub> emissions without net CO <sub>2</sub> from LULUCF																	
CO <sub>2</sub> emissions with net CO <sub>2</sub> from LULUCF																	
CH <sub>4</sub> emissions without CH <sub>4</sub> from LULUCF																	
CH <sub>4</sub> emissions with CH <sub>4</sub> from LULUCF																	
N <sub>2</sub> O emissions without N <sub>2</sub> O from LULUCF																	
N <sub>2</sub> O emissions with N <sub>2</sub> O from LULUCF																	
HFCs																	
PFCs																	
Unspecified mix of HFCs and PFCs																	
SF <sub>6</sub>																	
NF <sub>3</sub>																	
Total (without LULUCF)																	
Total (with LULUCF)																	
Total (without LULUCF, with indirect)																	
Total (with LULUCF, with indirect)																	
CO <sub>2</sub> equivalents (kt) <sup>(3)</sup>																	
					GREENHOUSE GAS SOURCE AND SINK CATEGORIES		Reference year/period for NDC <sup>(1)</sup>	Base year <sup>(2)</sup>	1990	(Years 1991 to 2019)	(Years 1991 to 2019)	2020	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	Change from 1990[base year][reference year][period] to latest reported year (%)	
					1. Energy												
					2. Industrial processes and product use												
					3. Agriculture												
					4. Land use, land-use change and forestry <sup>(4)</sup>												
					5. Waste												
					6. Other												





## Reporting information on tracking progress of NDCs

### F. Projections of greenhouse gas emissions and removals, as applicable

- Each Party **shall** report **projections for emissions and removals [FX: encouraged]**
- Projections will be indicative on future trends, and will not be used to assess progress towards NDC, unless a Party identified the reported projection as its baseline.

“with measures”  
(shall)

“with additional  
measures” (may)

“without  
measures” (may)

- Projections **shall** begin from most recent year in the Party’s inventory report and extend **at least 15 years beyond** the next year ending in zero or five **[FX: extend their projections at least to the end point of their NDC]**
- Each Party should provide information on the **methodology used to develop projections:**
  - Models, approaches, key assumptions, parameters (*GDP rate/level, population growth rate/level, etc.*)
  - Changes in methodology since the latest BTR
  - Assumptions on policies and measures included in WM and WAM projections, if included
  - Sensitivity analysis for the projections
- Each Party **shall** report projections for **key indicators to determine progress towards its NDC**
- Each Party **shall** include projections on a **sectoral basis and by gas**, as well as **for the national total**
- Projections **shall** be presented relative to actual inventory data (for preceding years) and be provided with and without LULUCF

**[FX: can report using less detailed methodology or coverage]**

# Common tabular formats

- Common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

## Decision 5/CMA.3

### Guidance for operationalizing the modalities, procedures and guidelines for the enhanced transparency framework referred to in Article 13 of the Paris Agreement

#### Annex II\*

##### Common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

###### I. Structured summary: Description of selected indicators

<i>Indicator(s) selected to track progress<sup>a</sup></i>	<i>Description</i>
{Indicator}	Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate <sup>b</sup>  Updates in accordance with any recalculation of the GHG inventory, as appropriate <sup>b</sup>  Relation to NDC <sup>c</sup>

*Notes:* (1) Pursuant to para. 79 of the MPGs, each Party shall report the information referred to in paras. 65–78 of the MPGs in a narrative and common tabular format, as applicable. (2) A Party may amend the reporting format (e.g. Excel file) to remove specific rows in this table if the information to be provided in those rows is not applicable to the Party's NDC under Article 4 of the Paris Agreement, in accordance with the MPGs. (3) The Party could add rows for each additional selected indicator and related information.

<sup>a</sup> Each Party shall identify the indicator(s) that it has selected to track progress of its NDC (para. 65 of the MPGs).

<sup>b</sup> Each Party shall provide the information for each selected indicator for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), and shall update the information in accordance with any recalculation of the GHG inventory, as appropriate (para. 67 of the MPGs).

<sup>c</sup> Each Party shall describe for each indicator identified how it is related to its NDC (para. 76(a) of the MPGs).

*Custom footnotes:*

*Documentation box:*

# Contents of CTF

In total, the Common tabular formats comprise **12 Tables** and one Appendix, covering the **7 parts** of Section III of the MPG:

**Section III:** Information necessary to track progress made in implementing and achieving NDC

## NDC definition and methods

- **Appendix:** Description of a Party's NDC
- **Table 1:** Description of selected indicators
- **Table 2:** Definitions needed to understand the NDC
- **Table 3:** Methodologies and accounting approaches

## Current mitigation status and tracking progress

- **Table 4:** Tracking progress
- **Table 5:** Mitigation policies, measures, actions and plans (Achieved)
- **Table 6:** Inventory summary

## Projections and expected emissions reduction

- **Table 5:** Mitigation policies, measures, actions and plans (expected)
- **Table 7:** Projections "with measures" scenario
- **Table 8:** Projections "with additional measures" scenario
- **Table 9:** Projections "without measure" scenario
- **Table 10:** Projections of key indicators
- **Table 11:** Key underlying assumptions and parameters of projections

## Response measures

- **Table 12.** Information necessary to track progress on the social and economic consequences of response measures



**Alianza para la Transparencia**  
en el Acuerdo de París  
Grupo Regional de América Latina y el Caribe



**REPÚBLICA DE PANAMÁ**  
— GOBIERNO NACIONAL —



# Thank you for your attention!

**Fernando Farias**  
Senior Advisor  
UNEP-Copenhagen Climate Centre  
[Fernando.farias@un.org](mailto:Fernando.farias@un.org)



on the basis of a decision  
by the German Bundestag



copenhagen  
climate centre

