

Training workshop for Anglophone African countries: Deep dive into tracking NDC mitigation commitments under the Paris Agreement

Provisions of the ETF & MPGs relating to
the tracking of NDCs and definition of
indicators

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ETF vis-à-vis existing MRV arrangements: reporting themes

Existing MRV arrangements

Biennial update reports

National greenhouse gas inventory

Mitigation actions and their effects

Finance, technology and capacity-building needs

Cancun Agreements (1/CP.16)
and Durban Outcomes (2/CP.17)

National communications

National greenhouse gas inventory

Programmes containing measures to facilitate adaptation to climate change

Programmes containing measures to mitigate climate change

Transfer of technology

Research and systematic observation

Education, training and public awareness

Capacity-building

Information and networking

Constraints and gaps, and related financial, technical and capacity-building needs

Article 4.1 and 12.1 of the Convention; decision 17/CP.8

Enhanced Transparency Framework

Biennial transparency reports

National greenhouse gas inventory

Progress made in implementing and achieving NDCs

Climate change impacts and adaptation (as appropriate)

Financial, technology transfer and capacity-building support needed and received

Flexibility

Areas of improvement

Article 13 of the Paris Agreement; decisions 18/CMA.1, 5/CMA.3

It is important to note that the legal nature of these reporting themes differ across the reports

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.

Reporting information on tracking progress of NDCs

A. National circumstances and institutional arrangements

- 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

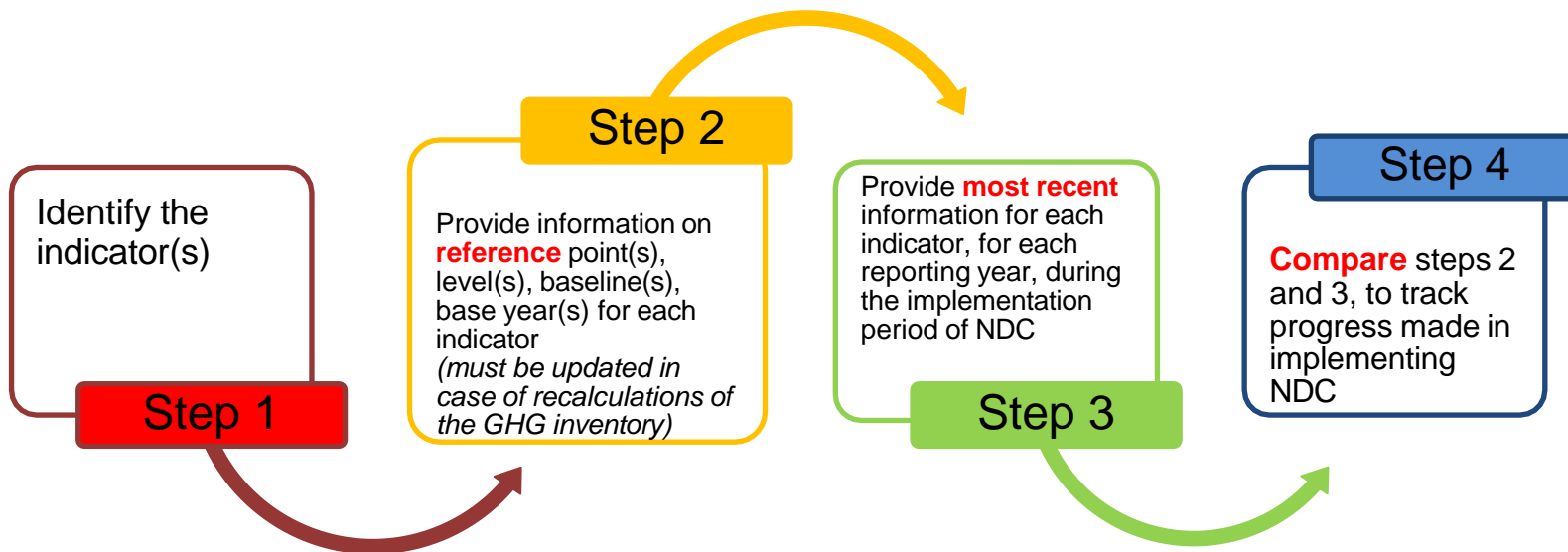
C. Information necessary to track progress made in implementing and achieving NDCs

- 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, IPCC 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
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- 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 (1)	Base year (2)	1990 (1)	(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 ₂ equivalents (kt) (3)							
CO ₂ emissions without net CO ₂ from LULUCF										
CO ₂ emissions with net CO ₂ from LULUCF										
CH ₄ emissions without CH ₄ from LULUCF										
CH ₄ emissions with CH ₄ from LULUCF										
N ₂ O emissions without N ₂ O from LULUCF										
N ₂ O emissions with N ₂ O from LULUCF										
HFCs										
PFCs										
Unspecified mix of HFCs and PFCs										
SF ₆										
NF ₃										
Total (without LULUCF)										
Total (with LULUCF)										
Total (without LULUCF, with indirect)										
Total (with LULUCF, with indirect)										
			CO ₂ equivalents (kt) (3)							

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]

Linkage with other provisions of the Paris Agreement

NDCs

- Information
- Accounting
- Tracking

Adaptation Communication

- Cross reference to other arrangements
- Types of information

Global Stocktake

- BTRs, NIRs, adaptation communication, information on support: Input to the GST process

Committee

- If a Party fails to submit a mandatory report or communication of information under ETF
- If the Party does not participate in the FMCP
- With the consent of the Party concerned, engage in a facilitative consideration of issues in cases of significant and persistent inconsistencies in the information submitted by the Party.