

Implementation of the Enhanced Transparency Framework (ETF) Workshop

21–25 April 2024, Crowne Plaza Hotel, Riyadh, Saudi Arabia

**AN OVERVIEW OF THE REPORTING REQUIREMENTS FOR
TRACKING PROGRESS AND ACHIVING THE NDC**

Khetsiwe Khumalo
Advisor - Climate Transparency
UNEP CCC

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

Decision 18/CMA.1

Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement

Para 59 -102

A. National circumstances and institutional arrangements

NATIONAL CIRCUMSTANCES RELEVANT TO PROGRESS MADE IN IMPLEMENTING AND ACHIEVING THE NDC

- a) Government structure;
- b) Population profile;
- c) Geographical profile;
- d) Economic profile;
- e) Climate profile;
- f) Sector details.

How its national circumstances affect GHG emissions and removals over time.

INFORMATION ON THE INSTITUTIONAL ARRANGEMENTS IN PLACE TO TRACK PROGRESS MADE IN IMPLEMENTING AND ACHIEVING THE NDC

- Information used for tracking internationally transferred mitigation outcomes, if applicable,
- Changes in institutional arrangements since its most recent biennial transparency report.

INFORMATION ON LEGAL, INSTITUTIONAL, ADMINISTRATIVE AND PROCEDURAL ARRANGEMENTS FOR DOMESTIC IMPLEMENTATION

- Monitoring
- Reporting
- Archiving
- Stakeholder engagement

B. Description of a Party's nationally determined contribution under Article 4 of the Paris Agreement, including updates

DESCRIPTION OF THE NDC UNDER ARTICLE 4, AGAINST WHICH PROGRESS WILL BE TRACKED

- a) Target(s) and description, including target type(s)
- b) Target year(s) or period(s), and whether they are single-year or multi-year target(s);
- c) Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s);
- d) Time frame(s) and/or periods for implementation;
- e) Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases;
- f) Intention to use cooperative approaches that involve the use of internationally transferred mitigation outcomes under Article 6 towards NDCs under Article 4 of the Paris Agreement;
- g) Any updates or clarifications of previously reported information (e.g. recalculation of previously reported inventory data, or greater detail on methodologies or use of cooperative approaches).

B. Description of a Party's nationally determined contribution under Article 4 of the Paris Agreement, including updates

TYPE OF TARGETS

- **Economy-wide absolute emission reduction targets**, expressed as an emission reduction from the level in a specified base year;
- **Emission peaking targets**, expressed as a maximum level of emissions in a specified year where subsequent emissions are expected to continuously decline;
- **Targets based on carbon budget approaches**, expressed as a total amount of emissions that can be emitted over a given period;
- **Emission intensity reduction targets**, expressed as emissions per unit of GDP (or other unit);
- **Targets of emission reductions below a projected baseline**, expressed in relation to a 'business as usual' scenario;
- **Mitigation co-benefits of adaptation actions or economic diversification** plans, policies and measures, expressed as emission reductions associated with other actions;
- **Other targets**, for example, emission reductions associated with low-emission development strategies, plans or actions, in line with national circumstances.



C. Information necessary to track progress made in implementing and achieving its nationally determined contribution under Article 4 of the Paris Agreement

Indicator(s) selected to track progress towards the implementation and achievement of its NDC under article 4.

- Indicators shall be relevant)
- May be either qualitative or quantitative

Provide the information for each selected indicator

- 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.

Each Party shall provide the most recent information for each selected indicator.

Each Party shall provide a description of each methodology and/or accounting approach used for;

- Target(s),
- Construction of baselines;
- Each indicator

Assumptions, key parameters, definitions, data sources, models

IPCC guidelines;

Metrics used

category- or activity-specific assumptions, methodologies and approaches

Provide any definitions needed to understand its NDC

Describe how double counting of net GHG emission reductions has been avoided



C. Information necessary to track progress made in implementing and achieving its nationally determined contribution under Article 4 of the Paris Agreement

Each Party shall also:

- a) Describe, for each indicator identified in how it is related to its NDC
- b) Explain how the methodology in each reporting year is consistent with the methodology or methodologies used when communicating the NDC;
- c) Explain methodological inconsistencies with its most recent national inventory report,
- d) Describe how double counting of net GHG emission reductions has been avoided.

Each Party shall provide the most recent information for each selected indicator.

Each Party shall provide the information referred to in paragraphs 65–76 above in a structured summary to track progress made in implementing and achieving its NDC under Article 4, including:

- Where applicable, information on GHG emissions and removals consistent with the coverage of its NDC under Article 4;

C. Information necessary to track progress made in implementing and achieving its nationally determined contribution under Article 4 of the Paris Agreement

The paragraph 77(d) of the PMGs outlines the information required to be reported by a Party that participates in cooperative approaches that involve the use of ITMOs, namely:

- The annual level of anthropogenic emissions by sources and removals by sinks covered by the NDC on an annual basis reported biennially;
- An emissions balance reflecting the level of anthropogenic emissions by sources and removals by sinks covered by the NDC adjusted on the basis of corresponding adjustments undertaken by effecting an addition for ITMOs first-transferred/transferred and a subtraction for ITMOs used/acquired, consistent with decisions adopted by the CMA on Article 6 of the Paris Agreement;
- Any other information consistent with decisions adopted by the CMA on reporting under Article 6;
- Information on how each cooperative approach promotes sustainable development; ensures environmental integrity and transparency, including in governance; and applies robust accounting to ensure, inter alia, the avoidance of double counting, consistent with decisions adopted by the CMA on Article 6.

C. Information necessary to track progress made in implementing and achieving its nationally determined contribution under Article 4 of the Paris Agreement

Each Party with an NDC under Article 4 that consists of adaptation actions and/or economic diversification plans resulting in mitigation co-benefits consistent with Article 4, paragraph 7, of the Paris Agreement shall provide the information necessary to track progress on the implementation and achievement of the domestic policies and measures implemented to address the social and economic consequences of response measures, including:

- a) Sectors and activities associated with the response measures;
- b) Social and economic consequences of the response measures
- c) Challenges in and barriers to addressing the consequences;
- d) Actions to address the consequences.

Each Party shall report this information in a narrative and common tabular format, as applicable. Such common tabular formats should accommodate all types of NDC under Article 4, as appropriate.

C. Information necessary to track progress made in implementing and achieving NDC – Structured Summary

Indicator for Tracking Progress

- MPGs: Paragraphs 65-70
- Scope: Identification of indicators selected to track progress; information for the reference point(s); updates in the case of recalculations; relationship to the NDC

Definitions needed to understand the NDC

- MPGs: paragraph 73
- Scope: definitions needed to understand the NDC and mitigation co-benefits of adaptation actions and economic diversification plans; any sectors or categories defined differently than in the national inventory report

Methodologies and accounting Approaches

- MPGs: paragraphs 71-76
- Scope: comprehensive information related to methodologies and accounting approaches applied for the first and subsequent NDCs; methodologies used for cooperative approaches

Tracking Progress in implementing and achieving the NDC

- MPGs : paragraphs 77(a a-d)
- Scope : information for each indicator; total GHG emissions and removals consistent with the NDC; contribution from the LULUCF sector, use of ITMOs, assessment of progress made and achievement of the NDC



D. Mitigation policies and measures, actions and plans, including those with mitigation co-benefits

- 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

D. Mitigation policies and measures, actions and plans, including those with mitigation co-benefits

Information that parties “shall” provide in a tabular format

- Name
- Description
- Objectives
- Type of instrument (regulatory, economic or other)
- Status (planned, adopted or implemented)
- Sector(s) affected (energy, transport, industrial processes and product use, agriculture, LULUCF, waste management or other)
- Gases affected
- Start year of implementation
- Implementing entity or entities

Information that parties “may” provide

- Costs
- Non-GHG mitigation benefits
- How the mitigation actions interact with each other, as appropriate

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.

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

Each Party shall report projections pursuant to paragraphs 93–101 below; those developing country Parties that need flexibility in the light of their capacities are instead encouraged to report these projections.

- With measures
- With additional measures
- Without measures

Projections shall be presented in graphical and tabular formats.

Projections shall begin from the most recent year in the Party's national inventory report and extend at least 15 years beyond the next year ending in zero or five; flexibility to for developing countries to instead extend their projections at least to the end point of their NDC under Article 4 of the Paris Agreement

Each Party should provide information in describing the methodology used to develop the projections.

- a) Models and/or approaches used and key underlying assumptions and parameters used for projections (e.g. gross domestic product growth rate/level, population growth rate/level);
- b) Changes in the methodology since the Party's most recent biennial transparency report;
- c) Assumptions on policies and measures included in the 'with measures' projections and 'with additional measures' projections
- d) Sensitivity analysis for any of the projections, together with a brief explanation of the methodologies and parameters used.

Each Party shall also provide projections of key indicators to determine progress towards its NDC under Article 4 of the Paris Agreement.

Each Party shall include projections on a sectoral basis and by gas, as well as for the national total, using a common metric consistent with that in its national inventory report.,

Flexibility for developing countries to use less detailed methodologies

E. Summary of Flexibilities

Mitigation policies and measures, actions and plans		
Estimates of expected and achieved GHG emissions reductions	Para 85	Developing countries that need flexibility in light of their capacities are encouraged to report estimates of expected and achieved GHG emission reductions for their actions, policies and measures in tabular format; instead of a mandatory requirement to report this information.
Option to omit reporting these estimates		
Projections of GHG emissions and removals	Para 92	Developing countries that need flexibility in light of their capacities are encouraged to report projections pursuant to paras. 93-101 of the MPGs; instead of a mandatory requirement to report this information.
Option to omit reporting projections, or report less details	Para 95	Flexibility to extend projections at least to the end point of their NDCs; instead of extending for at least 15 years beyond the next year ending in zero or five applicable for other Parties.
	Para 102	Flexibility to report less detail information (methodology and coverage).





CBIT-GSP
CLIMATE TRANSPARENCY



copenhagen
climate centre

Thank you for your attention!

Khetsiwe Khumalo | Khetsiwe.khumalo@un.org
UNEP-CCC



UN 
environment
programme