



Food and Agriculture
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NDC

TRACKING TOOL



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United Nations

To support tracking of progress made in implementing and achieving NDCs

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The Modalities Procedures and Guidelines (MPGs)

- First Biennial Transparency Report (BTR) to be submitted no later than 31st December 2024 (with flexibility for least developing Parties and small islands)
- Section II of the BTR report: countries shall provide the information necessary to track progress made in implementing and achieving nationally determined contributions (MPGs paras. 59– 103)
- For the first BTR, that contain the end year of the NDC, countries shall provide an assessment of whether they have achieved the target(s) set in its NDC
- Information to be provided in narrative and common tabular formats (CTF)



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Chapter III of the MPGs

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



Chapter III of the MPGs: sections covered by the NDC Tracking tool

- A. National circumstances and Institutional arrangements
- B. Description of the Party's NDC Sections of the BTR tracking
- C. Information necessary to track progress made in Implementing and achieving NDCs
- D. Mitigation Policies and Measures
- E. Summary for GHG emissions and removals
- F. Projections of GHG emissions and removals

Objectives of the tool

The NDC Tracking Tool is designed to facilitate countries in the data collecting the information required to track progress made in implementing and achieving their NDCs. The tool allows to assess the progress on NDC implementation by:

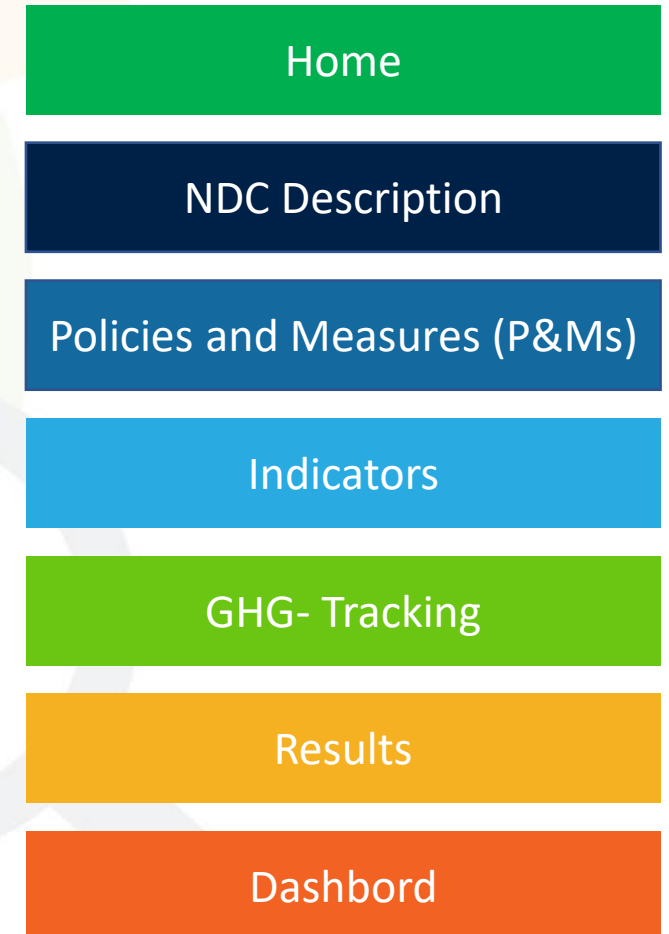
- ✓ Comparing planned versus implemented mitigation and adaptation actions in **all sectors**
- ✓ Based on data available in the country, allows to estimate **GHG reduction** achieved from the implementation of mitigation actions compared against **the sectoral and/or national baseline and NDC target scenarios**

Advantages of the NDC Tracking Tool

- Monitor the implementation of mitigation actions in the NDCs
- Provides modules designed around the MPGs to facilitate data collection
- Tracks the contribution of implemented mitigation actions to achieving national/sectoral and sub-sectorial mitigation targets
- Prevents double accounting and overlap of mitigation actions
- Allows the identification of potential mitigation contribution proposed under the country's long-term strategy and other innovative actions to highlight potential options for NDC enhancement
- Distinguishes mitigation actions linked to the carbon market and separate them from national GHG emission reductions targets.

The tool's structure

- Excel-based templates to organize the information indicated in the MPGs III, to facilitate data collection of the information necessary to report on NDCs
- Structured around five modules and cover all sectors
- Provide graphical results and an overall performance indicator



Example of indicator types according to MPGs para 66

Type of Indicator	Example of NDC	Country
Net GHG emissions and removals	Emissions reduction of approximately 64.6 million tCO ₂ e/year by 2030	Cambodia NDC, 2020
Percentage reduction of GHG intensity	40 % reduction in per capita GHG emissions below BAU by 2030.	Zimbabwe NDC, 2021
Qualitative Indicator of a policy and measure	Participatory environmental management of resources and forms of land use	Argentina NDC, 2020
Other	Increase of forest cover to 12.9 % of the territory of Armenia by 2030	Armenia NDC, 2020

The NDC tracking tool methodology (based on selected indicators)

Performance of the NDC Implementation (applies to all types of indicators)

- **Expected Progress (%)** $= \frac{\text{current year} - \text{start year}}{\text{End year} - \text{start year}} \times 100$

Cumulative progress to date, expressed as the rate of implementation, calculated based on the period of implementation and current date, assuming linear progression between the start and end year.

- **Actual Implementation Progress (%)**

= An estimate of cumulative progress to date, expressed as the rate of implementation, to be calculated by the implementation entity based on consideration of actual implementation progress

- **Achieved Progress(%)** $= \text{Actual implantation progress (\%)} \times \text{Expected progress (\%)}$

Tracking methodology

Inventory-based tracking: GHG-based indicator (MPGs, section III.C, para 69)

- **Achieved emissions reduction** = Baseline – most recent emissions and removals (assuring the methodology consistency)
- **Achieved progress (%)** = $\frac{\text{Achieved emissions reduction}}{\text{NDC Target}} \times 100$

Tracking methodology

Measure-based tracking= Non- GHG based indicators (MPGs, III.D. para 85)

Aggregated impact of P&Ms (MPGs, para)

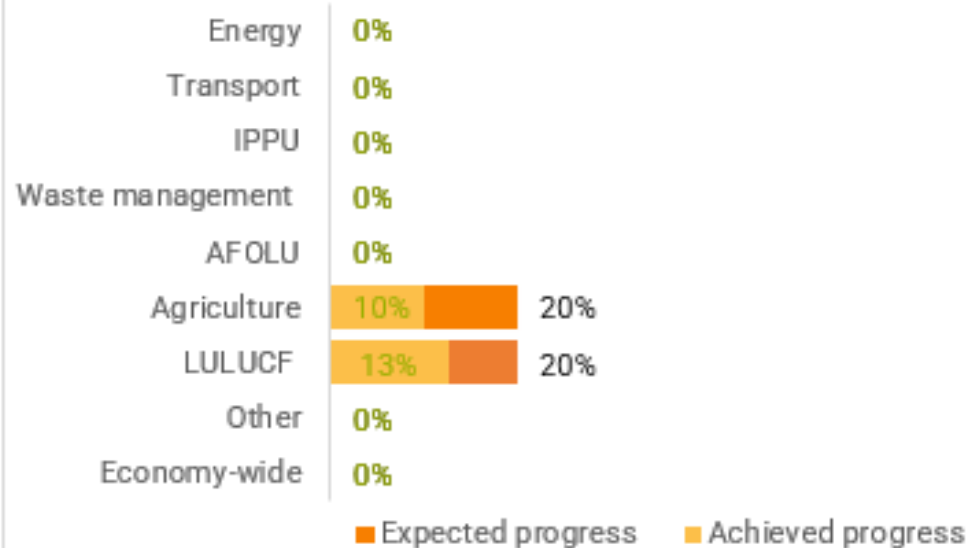
- Define mitigation actions supporting NDC implementation
- With measures' scenario = Baseline – implemented/adopted P&Ms
- With additional measures' scenario = Baseline – implemented, adopted and planned P&Ms
- Without measures' scenario = BAU excluding all P&Ms after the year set as the starting points for the projection.

The contribution of P&Ms on achieving the NDC goal

Graphical Result

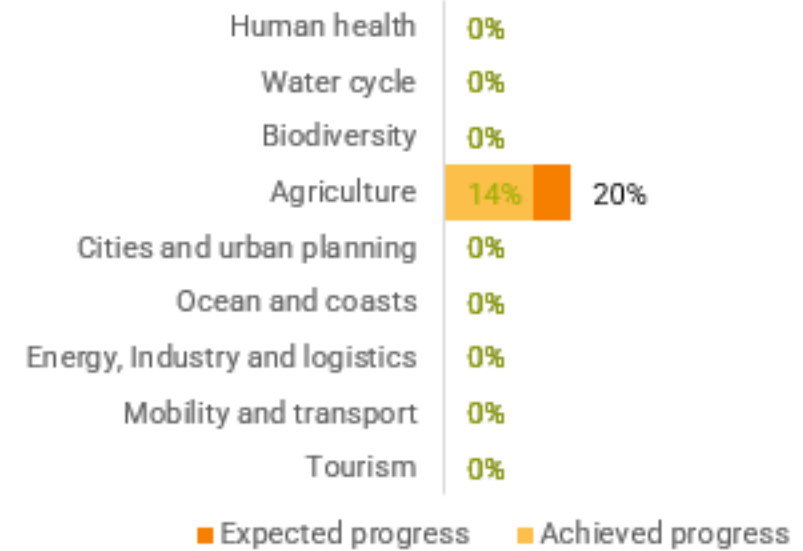
Performance of the NDC Implementation - MITIGATION

2022



Performance of the NDC Implementation - ADAPTATION

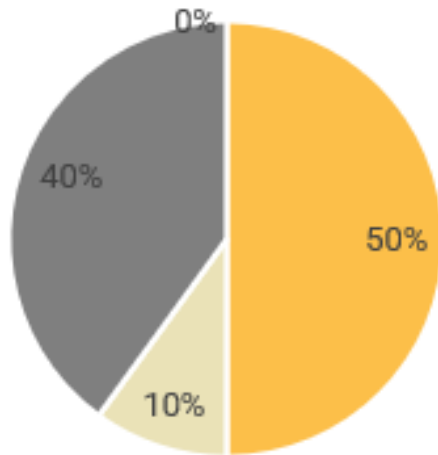
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Graphical Result

Overall status of the NDC implementation

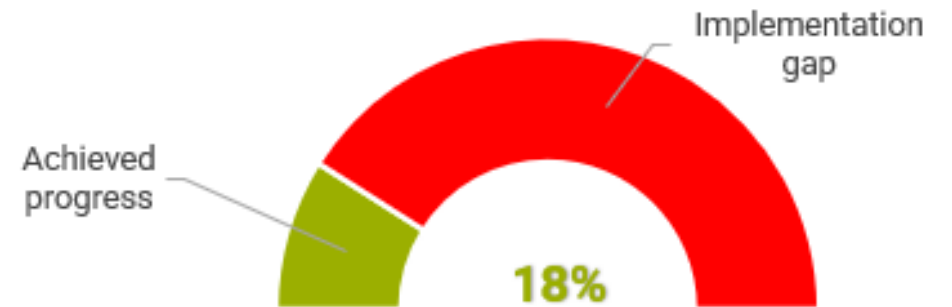
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■ Planned ■ Adopted ■ Implemented ■ Long-term plan

Progress on NDC achievement

Measures-based tracking



Relative emission reduction achieved from NDC implementation compare to the target



**Thank
you**