



# Hands-on Training on Tracking NDC Mitigation Commitments under the Paris Agreement

## Tracking NDC progress provisions in the MPGs

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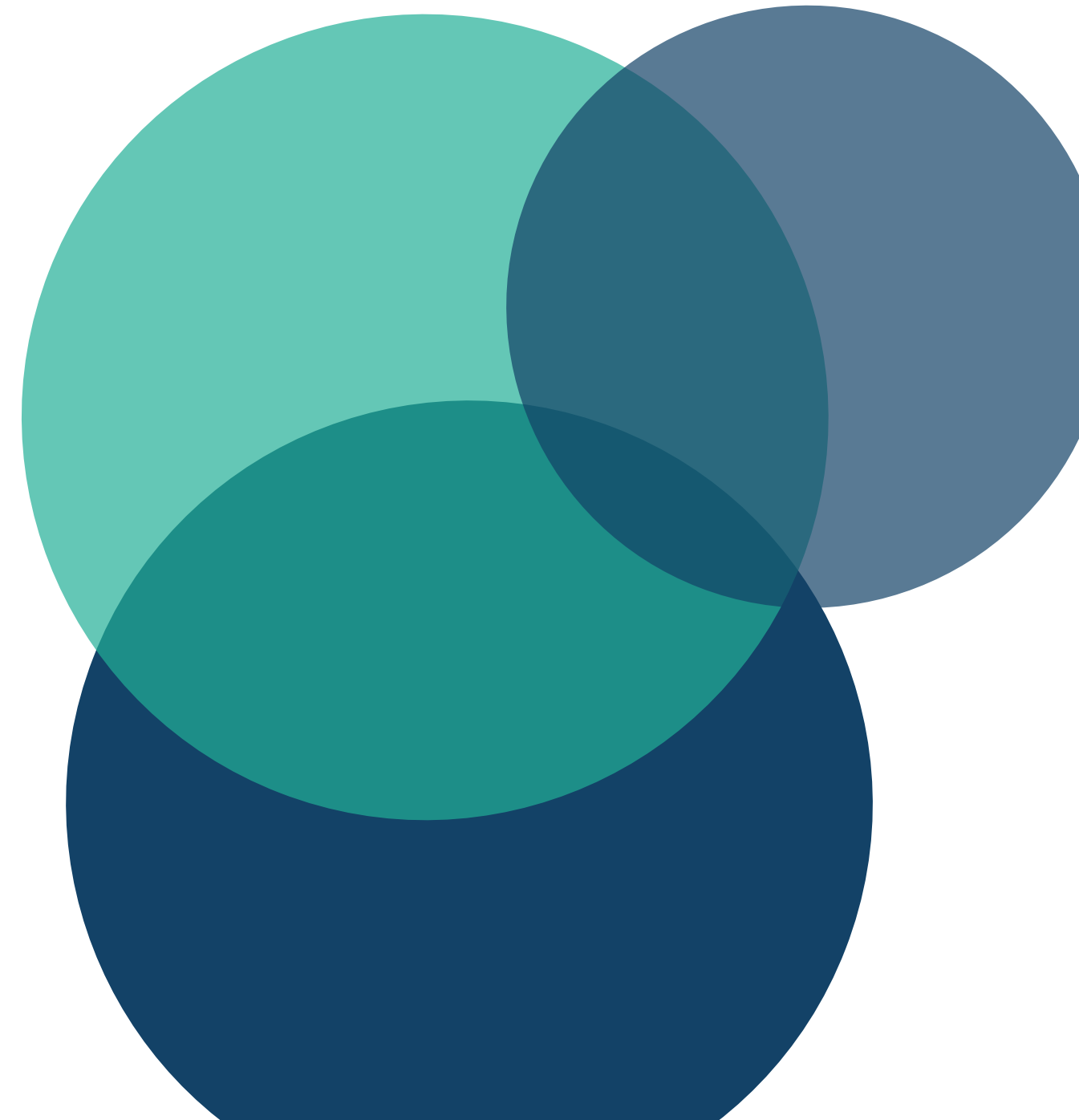
Executed by:



Funded by:



Implemented by:



# Outline of the BTR (Decision 5/CMA.3, Annex IV)

## BTR

National GHG inventory\*

Progress made in implementing and achieving NDCs\*

Climate change impacts and adaptation (as appropriate)

Financial, technology transfer and capacity-building support

Additional information when NCs and BTRs submitted jointly

*Flexibility*

*Improvements in reporting*

ANNEXES

## Overview of chapters

- I. National **inventory** report 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 jointly** 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

# Information necessary to track progress made in implementing and achieving NDC

## A. National circumstances and institutional arrangements

Should be used to show a comprehensive image of the country's particular context that might impact their progress towards NDCs, including institutional, legal, procedural arrangements for implementation .

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

Detailed description of the NDC, including all its parameters and any updates since the last report. The purpose 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

Section that presents policies, actions and plans in place to mitigate climate change. 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

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

Projection of 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. (Flexibility)

## G. Other Information

Any additional information that helps understand the progress in implementing and achieving their NDCs. This could include any unique initiatives, challenges, or plans that are relevant to the NDC progress.

*Information to be reported in a narrative and common tabular format.*

## 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 NDC, including updates

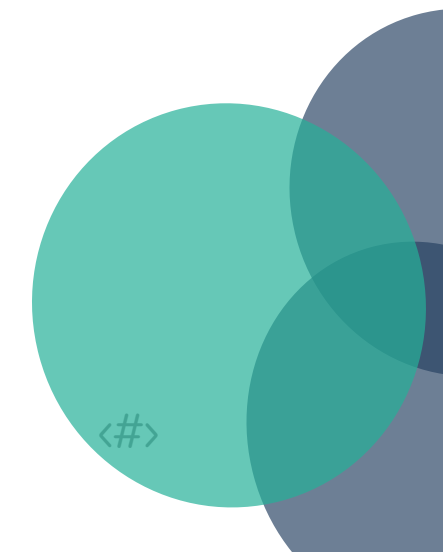
- Each Party shall provide **a description of its NDC**, against which progress will be tracked:

| NDC elements  | Description |
|---|-------------|
| A. Target(s) and description, including target type(s)*, as applicable  |             |
| B. Target year(s) or period(s), and whether they are single-year or multi-year target(s), as applicable   |             |
| C. Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable                               |             |
| D. Time frame(s) and/or periods for implementation, as applicable   |             |
| E. Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases, as applicable                           |             |
| F. 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 |             |
| G. 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*

**Related CTFs:  
Appendix**

- 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/update



## 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

Related CTFs:  
Tables 1, 2, 3 & 4



## 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

Related CTFs:  
Table 5

# E. Summary of greenhouse gas emissions and removals

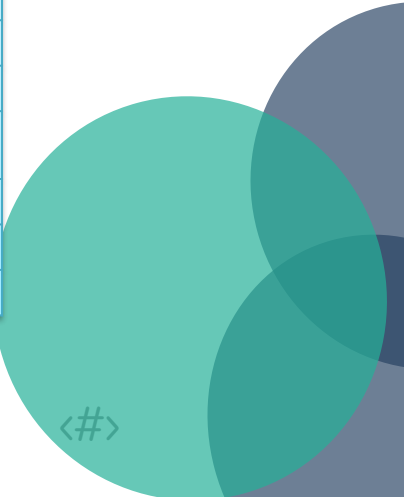
- Each Party that submits a stand-alone national inventory report **shall** provide **a summary of its GHG emissions and removals**.
- This information **shall** be provided in a tabular format for those reporting years corresponding to the Party's most recent national inventory report.
- This information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

| 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 |
|--|--|--------------------------|------|----------------------|----------------------|------|--------------------------------------|--------------------------------------|--------------------------------------|--|
| CO <sub>2</sub> equivalents (kt) <sup>(3)</sup>          |  |                          |      |                      |                      |      |                                      |                                      |                                      |  |
|  |  |                          |      |                      |                      |      |                                      |                                      |                                      | (%)  |
| 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   |  |                          |      |                      |                      |      |                                      |                                      |                                      |  |
| Total (with LULUCF) <sup>(8)</sup>                       |  |                          |      |                      |                      |      |                                      |                                      |                                      |  |

Related CTFs:  
Table 6





## 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.

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

- 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.

Related CTFs:  
Tables 7,8,9,10 &11

# G. Other Information

**Each Party may provide any other information relevant to tracking progress made in implementing and achieving its NDC under Article 4 of the Paris Agreement**



# Contents of Common Tabular Forms for tracking NDC: distribution of tables

## NDC contents:

**Appendix:** Description of a Party's NDC

**Table1:** Description of selected indicators

**Table2:** Definitions needed to understand the NDC

**Table3:** Methodologies and accounting approaches

## Current mitigation status:

**Table4:** Tracking progress

**Table5:** Mitigation policies, measures, actions and plans (Achieved)

**Table6:** Inventory summary

## Mitigation expected:

**Table 5:** Mitigation policies, measures, actions and plans (expected)

## Projections:

**Table 7:** Projections “with measures” scenario

**Table 8:** Projections “with additional measures” scenario

**Table 9:** Projections “without measure” scenario

Assumptions and parameters (projections)

**Table 11:** Key underlying assumptions and parameters of projections

**Table 10:** projections of key indicators

**Table 12:** Domestic policies and measures implemented to address the social and economic consequences of response measures

# Thank you for your attention!

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