

Introduction and Explanation of CTF Tables and Exercise: Filling CTF Tables 3 and 4: Methodologies, Accounting and Tracking progress of NDC

Tracking Progress of the Mitigation
Commitments of Nationally Determined
Contributions (NDCs)
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CTF tables

Appendix

NDC description
(targets)

Table 1

Structured
summary:
Indicators

Table 2

Structured
summary:
Definitions

Table 3

Structured
summary:
Methodologies

Table 4

Structured
summary:
**Tracking
progress**

Table 10

Projections:
**Key projection
indicators**

Examples of CTF tables 3, 4 and 10

Table 3: Methodologies	Table 4: Tracking progress	Table 10: Indicator projections
<p>Structured summary</p> <p>Accounting approach: See BTR section XYZ: inventory methodology</p> <p>Consistency with Article 4: Through use of IPCC 2006 GL</p> <p>Para 74(b): See BTR section XYZ: projections methodology</p> <p>Others: NA</p>	<p>Structured summary</p> <p>Indicator: GHG emissions</p> <p>Unit: Mt CO₂e</p> <p>Reference: Starting point 2019: 169,1 BAU 2020: 173,2, target: 167,3 BAU 2021: 177,4, target: 165,6 BAU 2030: 215, target: 150,5</p> <p>Year 2020: 159,7</p> <p>Year 2021: 174,5</p> <p>Target level: 150,5</p> <p>Target year: 2030</p> <p>Progress 2021: Reduction of 1.6% below BAU</p>	<p>Key indicator: GHG emissions using AR5 GWPs</p> <p>Unit: Mt CO₂e</p> <p>Value for most recent year from inventory: 169,1</p> <p>Projections:</p> <p>2020: 159,7</p> <p>2025: 172,3</p> <p>2030: 159,6</p> <p>2035: 148,0</p>

CTF tables to fill with country data

CTF Table 4

Structured Summary: Tracking Progress Made in Implementing and Achieving NDCs

CTF Table 3

Structured summary: Methodologies and approaches to accounting

Example of a completed CTF table 4 for tracking progress

- Source: Partnership on Transparency in Paris Agreement, Accounting for National Determined Contributions

	Unit, as applicable	Reference point(s) [...]	2021	2022	...	2030	Target level	Target year or period	Progress made [...]
Indicator(s) selected [...]									
GHG emissions covered by the NDC	Mt CO ₂ e	100 <i>RefEmissions</i>	88	86			80 <i>TargEmissions</i>	2030	14% below the reference level
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC	Mt CO ₂ e	100	88	86					
Contribution from LULUCF [...]									
Each Party that participates in cooperative approaches [...]									
[...]	Relevant for Parties using cooperative approaches. See <i>Table 9</i>								
Assessment of the achievement of the Party's NDC under Article 4 of the Paris Agreement									
Relate the target of the Party's NDC:									
[...]	Relevant after the end of the NDC period. See <i>Table 10</i>								

Example of completed table 4 (after the end of the NDC period)

- Source: Partnership on Transparency in Paris Agreement, Accounting for National Determined Contributions

	Unit, as applicable	Reference point(s) [...]	2021	2022	...	2030	Target level	Target year or period	Progress made [...]
Indicator(s) selected [...]									
GHG emissions covered by the NDC	Mt CO ₂ e	100 <i>RefEmissions</i>	88	86		79	80 <i>TargEmissions</i>	2030	21% below the reference level
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC	Mt CO ₂ e	100	88	86		79			
Contribution from LULUCF [...]									
Each Party that participates in cooperative approaches [...]									
[...]	Relevant for Parties using cooperative approaches.								
Assessment of the achievement of the Party's NDC under Article 4 of the Paris Agreement									
Relate the target of the Party's NDC:									
Information for reference point(s) [...]	Mt CO ₂ e	100							
Final information for the indicator [...]	Mt CO ₂ e		88	86	...	79			
Comparison	The level in the target year is 79 Mt CO ₂ e. It is 21% below the reference level and it is below the target level.								
Achievement of NDC	Yes. The target has been achieved because the level in the target year is below the target level. <i>TargAchievement</i>								

Example of a completed table 4 (with ITMOs)

- Source: Partnership on Transparency in Paris Agreement, Accounting for National Determined Contributions

Indicator(s) selected [...]	Unit, as applicable	Reference point(s) [...]	2021	2022	...	2030	Target level	Target year or period	Progress made [...]
GHG emissions covered by the NDC	Mt CO ₂ e	100 <i>RefEmissions</i>	88	86			80 <i>TargEmissions</i>	2021 to 2030	14% below the reference level
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC	Mt CO ₂ e	100	88	86					
Contribution from LULUCF [...]									
Each Party that participates in cooperative approaches [...]									
[...] indicative trajectory, trajectories or budget [...]									
[...] trajectory, trajectories or budget [...]	Mt CO ₂ e		89	88		80			
[...] emissions/ removals (non-GHG metrics)									
[...] emissions/ removals (PaMs NDC)									
[...] non-GHG indicator									
Annual quantity of ITMOs first transferred	Mt CO ₂ e		2	2					
Annual quantity of mitigation outcomes authorized	Mt CO ₂ e		1	1					
Annual quantity of ITMOs used towards achievement of the NDC									
Net annual quantity of ITMOs	Mt CO ₂ e		2	2					
[...] cumulative amount of ITMOs [...]									
Total quantitative corresponding adjustments used [...]	Mt CO ₂ e		2	2					
[...] cumulative information									
[...] annual emissions balance	Mt CO ₂ e		90	88					
[...] annual adjusted indicator									
Any other information									
Assessment of the achievement of the Party's NDC under Article 4 of the Paris Agreement									
Relate the target of the Party's NDC:									
[...]	Relevant after the end of the NDC period. See <i>Table 10</i>								

CTF Table 3. Structured summary: Methodologies and accounting approaches

Information can be reported in the common tabular format or a reference to the relevant section of the BTR can be provided:

- Methodologies and accounting approaches
- Metrics and IPCC guidelines
- Assumptions, key parameters, definitions, data sources, models
- Consistency (communicated and implemented NDC; accounting for NDC and GHG inventory)
- Changes (corrections, improvements, updates)
- Inclusion of all relevant categories, and exclusions
- Information associated with any cooperative approaches that involve use of ITMOs, if applicable

Table 3. Methodologies and accounting approaches

Article 4, para 13-14 Paris Agreement

13. Parties shall account for their nationally determined contributions. In accounting for anthropogenic emissions and removals corresponding to their nationally determined contributions, Parties shall promote environmental integrity, transparency, accuracy, completeness, comparability and consistency, and ensure the avoidance of double counting, in accordance with guidance adopted by the Conference of the Parties serving as the meeting of the Parties to this Agreement.

14. In the context of their nationally determined contributions, when recognizing and implementing mitigation actions with respect to anthropogenic emissions and removals, Parties should take into account, as appropriate, existing methods and guidance under the Convention, in the light of the provisions of paragraph 13 of this Article.

Accounting approaches:

Not official definition, but useful to work with Table 3 of the CTF:

In the case of NDC and tracking mitigation

Accounting approaches:= how the variety of elements that can be used to estimate numerical values of GHG emissions and mitigation potentials are used, including methodologies (IPCC), metrics (GWP), baselines, definitions..

CTF Table 3. (1)

3. Structured summary: Methodologies and accounting approaches – consistency with Article 4, paragraphs 13 and 14 of the Paris Agreement and with decision 4/CMA.1

<i>Reporting requirement</i>	<i>Description or reference to the relevant section of the BTR</i>
<i>For the first NDC under Article 4:^a</i>	
<i>Accounting approach, including how it is consistent with Article 4, paragraphs 13–14, of the Paris Agreement (para. 71 of the MPGs)</i>	
<i>For the second and subsequent NDC under Article 4, and optionally for the first NDC under Article 4:^b</i>	
Information on the accounting approach used is consistent with paragraphs 13, 17 and annex II of	

CTF Table 3. (2)

For each NDC under Article 4:^b

Accounting for anthropogenic emissions and removals in accordance with methodologies and common metrics assessed by the IPCC and adopted by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement:

Each methodology and/or accounting approach used to assess the implementation and achievement of the target(s), as applicable (para. 74(a) of the MPGs)

Each methodology and/or accounting approach used for the construction of any baseline, to the extent possible (para. 74(b) of the MPGs)

If the methodology or accounting approach used for the indicator(s) in table 1 differ from those used to assess the implementation and achievement the target, describe each methodology or accounting approach used to generate the information generated for each indicator in table 4 (para. 74(c) of the MPGs)

Any conditions and assumptions relevant to the achievement of the NDC under Article 4, as applicable and available (para. 75(i) of the MPGs)

Key parameters, assumptions, definitions, data sources and models used, as applicable and available (para. 75(a) of the MPGs)

IPCC Guidelines used, as applicable and available (para. 75(b) of the MPGs)

Report the metrics used, as applicable and available (para. 75(c) of the MPGs)

CTF table 3 (3)

<i>Reporting requirement</i>	<i>Description or reference to the relevant section of the BTR</i>
For Parties whose NDC cannot be accounted for using methodologies covered by IPCC guidelines, provide information on their own methodology used, including for NDCs, pursuant to Article 4, paragraph 6, of the Paris Agreement, if applicable (para. 1(b) of annex II to decision 4/CMA.1)	
Provide information on methodologies used to track progress arising from the implementation of policies and measures, as appropriate (para. 1(d) of annex II to decision 4/CMA.1)	
Where applicable to its NDC, any sector-, category- or activity-specific assumptions, methodologies and approaches consistent with IPCC guidance, taking into account any relevant decision under the Convention, as applicable (para. 75(d) of the MPGs)	

CTF table 3 (4)

For Parties that address emissions and subsequent removals from **natural disturbances on managed lands**, provide detailed information on the **approach** used and how it is consistent with relevant IPCC guidance, as appropriate, or indicate the relevant section of the national GHG inventory report containing that information (para. 1(e) of annex II to decision 4/CMA.1, para. 75(d)(i) of the MPGs)

For Parties that account for emissions and removals from **harvested wood products**, provide detailed information on which **IPCC approach has been used** to estimate emissions and removals (para. 1(f) of annex II to decision 4/CMA.1, para. 75(d)(ii) of the MPGs)

For Parties that address the effects of **age-class structure in forests**, provide detailed information on the approach used and how this is consistent with relevant IPCC guidance, as appropriate (para. 1(g) of annex II to decision 4/CMA.1, para. 75(d)(iii) of the MPGs)

CTF table 3 (5)

Any methodologies used to account for mitigation co-benefits of adaptation actions and/or economic diversification plans| (para. 75(e) of the MPGs)

Describe how double counting of net GHG emission reductions has been avoided, including in accordance with guidance developed related to Article 6 if relevant (para. 76(d) of the MPGs)

Any other methodologies related to the NDC under Article 4 (para. 75(h) of the MPGs)

Ensuring methodological consistency, including on baselines, between the communication and implementation of NDCs (para. 12(b) of the decision 4/CMA.1):

Explain how consistency has been maintained in scope and coverage, definitions, data sources, metrics, assumptions and methodological approaches including on baselines, between the communication

CTF table 3 (6)

<i>Reporting requirement</i>	<i>Description or reference to the relevant section of the BTR</i>
and implementation of NDCs (para. 2(a) of annex II to decision 4/CMA.1)	
Explain how consistency has been maintained between any GHG data and estimation methodologies used for accounting and the Party's GHG inventory, pursuant to Article 13, paragraph 7(a), of the Paris Agreement, if applicable (para. 2(b) of annex II to decision 4/CMA.1) and explain methodological inconsistencies with the Party's most recent national inventory report, if applicable (para. 76(c) of the MPGs)	
<i>For Parties that apply technical changes to update reference points, reference levels or projections, the changes should reflect either of the following (para. 2(d) of annex II to decision 4/CMA.1):</i>	
Technical changes related to technical corrections to	

CTF table 3 (7)

Striving to include all categories of anthropogenic emissions or removals in the NDC and, once a source, sink or activity is included, continuing to include it (para. 3 of annex II to decision 4/CMA.1):

Explain how all categories of anthropogenic emissions and removals corresponding to their NDC were accounted for (para. 3(a) of annex II to decision 4/CMA.1)

Explain how Party is striving to include all categories of anthropogenic emissions and removals in its NDC, and, once a source, sink or activity is included, continue to include it (para. 3(b) of annex II to decision 4/CMA.1)

Provide an explanation of why any categories of anthropogenic emissions or removals are excluded (para. 4 of annex II to decision 4/CMA.1)

Each Party that participates in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4, or authorizes the use of mitigation outcomes for international mitigation purposes other than achievement of its NDC
