

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

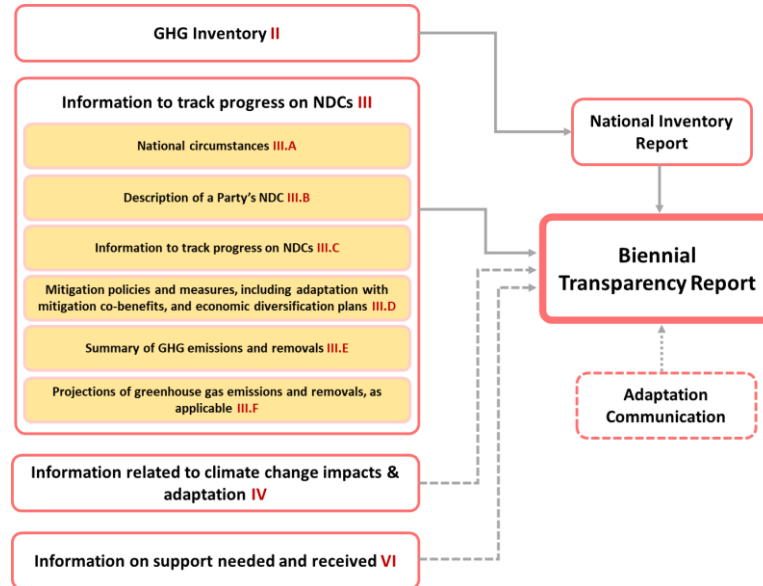
Presentation : BTR tables

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Information to track progress of NDC, to be included in BTR

BTR of countries
(due by 31/12/2024)



- Source: Canu & Dal Maso, 2019: *Unfolding the reporting requirements for Developing Countries under the Paris Agreement's Enhanced Transparency Framework*

Assessing and tracking progress following the MPG

Section **III.A National Circumstances** of the country provide the local context

But the aspects listed under Section **III.B Description of Party's NDC** are needed for tracking

NDC description
Target
Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s)
Time frame(s) and/or periods for implementation
Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases
Intention to use cooperative approaches that involve the use of ITMOs towards NDC
Any updates or clarifications of previously reported information

Assessing and tracking progress following the MPG

- a) NDC Progress tracking
MPG: **Section III.C** (para 59-79)

Based on the National
GHG Inventory data

- b) Mitigation policies and measures, actions and plans' tracking
MPG: **Section III.D** (para 80-85)

Based on BTR Mitigation
Chapter results

focusing on those PMA&P that have the most significant impact on GHG emissions or removals and those impacting key categories in the national GHG inventory.

Assessing and tracking progress following the MPG

To track properly progress of **mitigation of the actions, policies and measures** it is needed not only a characterization of the actions, policies and measures, but also an assessment of the expected reduction in GHG emissions or enhancing achieved of sinks and reservoirs.

To track progress of **NDC targets**, it is simpler and the main tool is the National GHG Inventory of the country

Common tabular formats

Common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

Decision 5/CMA.3

Guidance for operationalizing the modalities, procedures and guidelines for the enhanced transparency framework referred to in Article 13 of the Paris Agreement

Annex II*

Common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

1. Structured summary: Description of selected indicators

<i>Indicator(s) selected to track progress^a</i>	<i>Description</i>
{Indicator}	<p>Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate^b</p> <p>Updates in accordance with any recalculation of the GHG inventory, as appropriate^b</p> <p>Relation to NDC^c</p>

Notes: (1) Pursuant to para. 79 of the MPGs, each Party shall report the information referred to in paras. 65–78 of the MPGs in a narrative and common tabular format, as applicable. (2) A Party may amend the reporting format (e.g. Excel file) to remove specific rows in this table if the information to be provided in those rows is not applicable to the Party's NDC under Article 4 of the Paris Agreement, in accordance with the MPGs. (3) The Party could add rows for each additional selected indicator and related information.

^a Each Party shall identify the indicator(s) that it has selected to track progress of its NDC (para. 65 of the MPGs).

^b Each Party shall provide the information for each selected indicator for the 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 (para. 67 of the MPGs).

^c Each Party shall describe for each indicator identified how it is related to its NDC (para. 76(a) of the MPGs).

Custom footnotes:

Documentation box:

Contents of Common tabular formats (1)

In total, the Common tabular formats comprise **12 Tables** and one Appendix, covering the **parts** of Section III of the MPG:

Section III: Information necessary to track progress made in implementing and achieving NDC

Information to track progress on NDCs III

National circumstances III.A

Description of a Party's NDC III.B

Information to track progress on NDCs III.C

Mitigation policies and measures, including adaptation with mitigation co-benefits, and economic diversification plans III.D

Summary of GHG emissions and removals III.E

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

Common tabular formats

Common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

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	Updates in accordance with any recalculation of the GHG inventory, as appropriate ^b
	Relation to NDC ^c

Notes: (1) Pursuant to para. 79 of the MPGs, each Party shall report the information referred to in paras. 65–78 of the MPGs in a narrative and common tabular format, as applicable. (2) A Party may amend the reporting format (e.g. Excel file) to remove specific rows in this table if the information to be provided in those rows is not applicable to the Party's NDC under Article 4 of the Paris Agreement, in accordance with the MPGs. (3) The Party could add rows for each additional selected indicator and related information.

^a Each Party shall identify the indicator(s) that it has selected to track progress of its NDC (para. 65 of the MPGs).

^b Each Party shall provide the information for each selected indicator for the 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 (para. 67 of the MPGs).

^c Each Party shall describe for each indicator identified how it is related to its NDC (para. 76(a) of the MPGs).

Custom footnotes:

Contents of Common tabular formats (1)

MPG Section III: Information necessary to track progress made in implementing and achieving NDC	Related Tables from the Common tabular formats (CTF)	Reporting requirement	Flexibility, for Parties that need flexibility in the light of their capacities (self-determined)
A. National circumstances and institutional arrangements	Info to be provided not necessarily in tabular format	Shall (59)	Not indicated
B. Description of a Party's nationally determined contribution under Article 4 of the Paris Agreement, including updates	Appendix: Reporting format for the description of a Party's nationally determined contribution under Article 4 of the Paris Agreement, including updates	Shall (73)	Not indicated

Contents of Common tabular formats (2)

MPG Section III: Information necessary to track progress made in implementing and achieving NDC	Related Tables from the Common tabular formats (CTF)	Reporting requirement	Flexibility, for Parties that need flexibility in the light of their capacities (self-determined)
C. Information necessary to track progress made in implementing and achieving its nationally determined contribution under Article 4 of the Paris Agreement	<p>Table 1. Structured summary: Description of selected indicators</p> <p>Table 2. Structured summary: Definitions needed to understand NDC</p> <p>Table 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</p> <p>Table 4. Structured summary: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement</p> <p>Table 12. 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</p>	<p>Shall (65)</p> <p>Shall (74)</p>	<p>Parties can have their latest reporting year as three years prior to the submission of their national inventory report</p>

Contents of Common tabular formats (3)

MPG Section III: Information necessary to track progress made in implementing and achieving NDC	Related Tables from the Common tabular formats (CTF)	Reporting requirement	Flexibility, for Parties that need flexibility in the light of their capacities (self-determined)
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 a nationally determined contribution under Article 4 of the Paris Agreement	Table 5. 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 a nationally determined contribution under Article 4 of the Paris Agreement	Shall (80)	Encouraged to report estimates of expected and achieved GHG emission reductions for its actions, policies, and measures

Contents of Common tabular formats (4)

MPG Section III: Information necessary to track progress made in implementing and achieving NDC	Related Tables from the Common tabular formats (CTF)	Reporting requirement	Flexibility, for Parties that need flexibility in the light of their capacities (self-determined)
E. Summary of greenhouse gas emissions and removals	Table 6. Summary of greenhouse gas emissions and removals in accordance with the common reporting table 10 emission trends – summary	Shall for Parties that submit a stand-alone national inventory report.	Not indicated
F. Projections of greenhouse gas emissions and removals, as applicable	<p>Table 7. Information on projections of greenhouse gas emissions and removals under a ‘with measures’ scenario</p> <p>Table 8. Information on projections of greenhouse gas emissions and removals under a ‘with additional measures’ scenario</p> <p>Table 9. Information on projections of greenhouse gas emissions and removals under a ‘without measures’ scenario</p> <p>Table 10. Projections of key indicators</p> <p>Table 11. Key underlying assumptions and parameters used for projections</p>	Shall (92), but methodologies Should	encouraged to report projections. Can instead report using a less detailed methodology or coverage.
G. Other information	Info to be provided not necessarily in tabular format		

Contents of Common tabular formats

Table 1: Description of selected indicators

	Indicator(s) selected to track progress	Description
<p>Indicator</p> <p>Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate</p>	<p>Total GHG emissions and removals per year</p>	<p>Reference level: Economy-wide GHG emissions and removals</p> <p>Value: 120 Mt CO₂eq (starting year, 2010)</p> <p>Value: 100 Mt CO₂eq (target year, 2030)</p>
<p>Updates in accordance with any recalculation of the GHG inventory, as appropriate</p>		<p>N/A</p>
<p>Relation to the NDC</p>		<p>Main indicator to assess target</p>

Contents of Common tabular formats

Table 1: Description of selected indicators: Total CO2 emissions in the Energy Sector (Tunisia, 2022)

1. Structured summary: Description of selected indicators	
Indicator(s) selected to track progress^a	Description
Total CO2 eq emissions in the energy sector	Greenhouse gas emissions in the energy sector (expressed in tons of CO2 equivalent) as reported in the national GHG inventory
Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate^b	Reference level: 29.0 Mt CO2 eq Base year : 2010
Updates in accordance with any recalculation of the GHG inventory, as appropriate^b	Due to recalculations of the national GHG inventory, which were carried out after the communication of the NDC, the reference level changed from 29.4 Mt CO2 eq to 29.0 Mt CO2 eq
Relation to NDC^c	Greenhouse gas emissions in the energy sector as reported in the national GHG inventory, represents the GHG emissions covered by the NDC in the energy sector. It allows to calculate the Emission intensity indicator that will track progress in achieving the NDC target.

Contents of Common tabular formats

Table 1: Description of selected indicators: Emissions intensity in the Energy sector (Tunisia, 2022)

Indicator(s) selected to track progress ^a	Description
Emission intensity in the energy sector (GHG emissions per unit of GDP)	Ratio between greenhouse gas emissions in the energy sector (expressed in tons of CO ₂ equivalent) and GDP (expressed at constant 2010 prices).
Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate^b	Reference level: 0,460 t CO ₂ e/1000 TND 2010 Base year : 2010
Updates in accordance with any recalculation of the GHG inventory, as appropriate^b	Due to recalculations of the national GHG inventory, which were carried out after the communication of the NDC, the reference level changed from 0,466 t CO ₂ e/1000 TND 2010 to 0,460 t CO ₂ e/1000 TND 2010
Relation to NDC^c	The NDC consists of an Emission intensity target . Hence, Emission intensity are the most appropriate indicator for this type of NDC.

Contents of Common tabular formats

Appendix: Description of Party's NDC (Tunisia, 2022)

	Description
Target(s) and description, including target type(s), as applicable ^{b,c}	<p>Emission intensity target in the energy sector (GHG emissions in the energy sector per unit of GDP)</p> <ul style="list-style-type: none"> - (1) unconditional target: reduction of 28% of carbon intensity by 2030 compared to 2010 level ; <p>Emission intensity target in the energy sector (GHG emissions in the energy sector per unit of GDP)</p> <ul style="list-style-type: none"> - (2) conditional target: reduction of 44% of carbon intensity by 2030 compared to 2010 level, subject to FTC support received
Target year(s) or period(s), and whether they are single-year or multi-year target(s), as applicable	<p>Target year: 2030</p> <p>Single-year target</p>
Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable	<p>Reference level: 0,460 t CO₂ e/1000 TND 2010</p> <p>Base year : 2010</p>
Time frame(s) and/or periods for implementation, as applicable	<p>2021-2030</p>
Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases, as applicable	<p>The first update NDC includes :</p> <ul style="list-style-type: none"> - All subcategories and sources of emissions of the energy sector, as defined by the 2006 IPCC Guidelines -All greenhouse gases related to the energy sector as covered by the 2006 IPCC Guidelines
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	<p>To fund its conditional contribution, while providing a complementary response to its sustainable development needs, Tunisia is considering using carbon pricing, including the cooperative mechanisms provided for in Article 6 of the Paris Agreement</p>
Any updates or clarifications of previously reported information, as applicable ^d	<p>Due to recalculations of the national GHG inventory, which were carried out after the communication of the NDC, the reference level changed from 0,466 t CO₂ e/1000 TND 2010 to 0,460 t CO₂ e/1000 TND 2010</p>

Contents of Common tabular formats

Table 4: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement (1)

	Unit	Reference point, level, baseline, base year, starting point	Following years		End year	Target level	Target year	Progress made towards NDC
		Year 2020	Year 2021	->	Year 2030			
Indicator selected: National GHG Emissions/year	Mt CO2eq	NN(2020)	NN(2021)		...	nn	2030	
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC								
LULUCF Contribution								

Based on Inventory data

Based on NDC data

Contents of Common tabular formats

Table 4: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement (2)

	Unit	Reference point, level, baseline, base year, starting point	Following years	End year	Target level	Target year	Progress made towards NDC
		Year 2020	Year 2021	->	Year 2030		
Cooperative approaches:							
Assessment of the achievement of the Party's NDC under Article 4 of the Paris Agreement							
Information for reference point(s)							
Final information for the indicator for the target year/period							
Comparison							
Achievement of NDC (yes, no, explanation)							

Contents of Common tabular formats

Table 5: 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 a nationally determined contribution under Article 4 of the Paris Agreement

Name	Description	Objectives	Type of instrument	Status	Sector(s) affected	Gases affected	Start year of implementation	Implementing entity or entities	Estimates of GHG emission reductions (kt CO2 eq)	
									Achieved	Expected
	May include: cost, non GHG mitigation benefits, interactions, modification long term trends		Regulatory, economic instrument, other	Planned, adopted, implemented	Energy, transport, IPPU, agriculture, LULUCF, waste	CO2, CH4, N2O, HFC, PFC, SF6, NF3 (flexibility for 3 gases)			Methodologies, assumptions used (flexibility)	
Accelerated Capital Allowance for energy efficient equipment	The Accelerated Capital Allowance for Energy Efficient Equipment (ACA), introduced in 2008, aims to improve the energy efficiency of Irish companies by encouraging them to purchase energy saving technologies. The ACA is a tax incentive for companies paying corporation tax and aims to encourage investment in energy efficient equipment. The ACA offers an attractive incentive whereby it allows companies to write off 100% of the purchase value of qualifying energy efficient equipment against their profit in the year of purchase	Efficiency improvement of appliances (Energy consumption), Efficiency improvement in services/ tertiary sector (Energy consumption), Efficiency improvement in industrial end-use sectors (Energy consumption)	Regulatory	implemented	Energy	CO2	2008	Government: Department Of Finance, Other: The Office of the Revenue Commissioners	2020 : 506.43	2030: 499.75

Comments

Thank you!

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