

# Assisting Bahrain in the BTR preparation: Workshop on Tracking NDC mitigation commitments under the ETF

## Filling Common Tabular Formats (CTFs) 4 and 5

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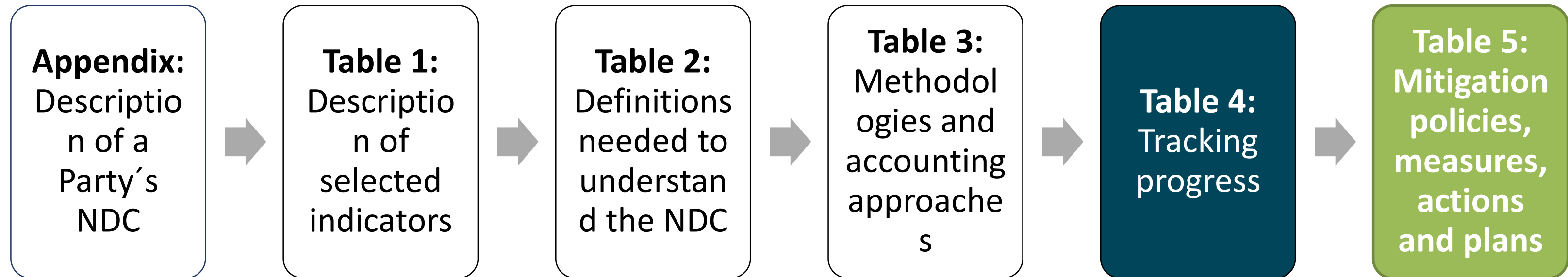


Implemented by:



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# Tracking Progress in the implementation and achieving the NDC



# CTF Table 4 : Tracking Progress in the implementation and achieving the NDC

	Unit	Reference level	Implementation period of the NDC					Target level	Target year	Progress made (comparison of most recent and ref. level)
			Year 1	Year 2	...	...	...			
{Indicators}										
Total GHGs, consistent with NDC coverage									<ul style="list-style-type: none"> <li>➔ Where the goal is an economy-wide emission reduction target, data from GHG inventory</li> <li>➔ Where the goal covers a subset of the economy, data will be a subset of the GHG inventory</li> </ul>	
Contribution from LULUCF sector, as applicable									<ul style="list-style-type: none"> <li>➔ May not be applicable to all NDC goal types if the NDC does not cover the LULUCF sector</li> </ul>	
ITMOs ....									<ul style="list-style-type: none"> <li>➔ May not be applicable, if ITMOs will not be considered towards the NDC goal</li> </ul>	
Assessment of the achievement of the NDC: → Restatement of the target → Information for reference level → Final information for the indicator at the target year → Comparison → Achievement of NDC (Y/N, explanation)									<ul style="list-style-type: none"> <li>➔ To be reported in the first BTR that contains information on the end year of NDC</li> </ul>	

Source: UNFCCC CGE Training Material

# CTF Table 4 : Tracking Progress in the implementation and achieving the NDC

	Unit, as applicable	Reference point(s), level(s), baseline(s), base year(s) or starting point(s),	implementation period of the NDC covering information for previous reporting years, as applicable, and the most recent year, including the end year or end of period (paras. 68 and 77(a)(ii–iii) of the MPGs)					Target level	Target year	Progress made towards the NDC,
			2021	2022	....	...	2030			
<b>Indicator(s) selected to track progress of the NDC or portion of NDC under Article 4 of the Paris Agreement (paras. 65 and 77(a) of the MPGs)</b>										
Net GHG emissions and removals	tCO <sub>2eq</sub>	22,745	22,534	21,078				15,500	2030	The most recent reduction amounts to 1667
Percentage reduction in GHG intensity	%	0%	0.4	6				25%	2030	The most recent reduction amounts to 6%
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC (para. 77(b) of the MPGs)										
Contribution from the LULUCF sector for each year of the target period or target year, if not included in the inventory time series of total net GHG emissions and removals, as applicable (para. 77(c) of the MPGs)	N/A	N/A	N/A					N/A	N/A	
[Information to be filled in by Parties participating in cooperative approaches]										
Assessment of the achievement of the NDC – this part of the table is to be provided after the end of the NDC period only										

**Table 4: Example of a completed common tabular format for tracking progress, reported with the first BTR**

	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 <sub>2</sub> 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 <sub>2</sub> 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>								

Source: PATPA- Guidance Accounting for Nationally Determined Contributions

**Table 4: Example of a completed CTF for tracking progress, including information on cooperative approaches**

Source: PATPA- Guidance Accounting for Nationally 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> e		89	88		80			
[...] emissions/ removals (non-GHG metrics)									
[...] emissions/ removals (PaMs NDC)									
[...] non-GHG indicator									
Annual quantity of ITMOs first transferred	Mt CO <sub>2</sub> e		2	2					
Annual quantity of mitigation outcomes authorized	Mt CO <sub>2</sub> e		1	1					
Annual quantity of ITMOs used towards achievement of the NDC									
Net annual quantity of ITMOs	Mt CO <sub>2</sub> e		2	2					
[...] cumulative amount of ITMOs [...]									
Total quantitative corresponding adjustments used [...]	Mt CO <sub>2</sub> e		2	2					
[...] cumulative information									
[...] annual emissions balance	Mt CO <sub>2</sub> 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 4 : Tracking Progress in the implementation and achieving the NDC

	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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> e	100							
Final information for the indicator [...]	Mt CO <sub>2</sub> e		88	86	...	79			
Comparison	The level in the target year is 79 Mt CO <sub>2</sub> 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.								

# Table 5: Key terms to understand

<h3>Mitigation policies or Plans</h3> <ul style="list-style-type: none"><li>• Refers to a decision or set of decisions that a government takes to achieve certain objectives</li><li>• policies could be defined as instruments (such as regulations, taxes, subsidies, and information instruments) that enable or incentivize concrete actions to be implemented (such as replacement of technology or changes in behavior)</li></ul>	<h3>Actions or measures</h3> <ul style="list-style-type: none"><li>• Refers to a concrete activity or set of activities taken by a government to implement a policy or plan</li></ul>	<h3>Mitigation co-benefits</h3> <ul style="list-style-type: none"><li>• Results from actions undertaken as part of adaptation and/or economic diversification plans where these generate emissions reductions and thereby contribute to achieving mitigation outcomes</li></ul>
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Parties to the Paris Agreement may implement mitigation policies and measures, actions and plans in any sector of their economy and must report information on those actions, policies and measures that have the most significant impact on GHG emissions or removals and those impacting key categories in the national GHG inventory



# Which mitigation actions need to be reported in BTRs?

- ➔ Those that have “the most significant impact on GHG emissions or removals”
- ➔ Those that impact key categories in the national inventory
- ➔ Mitigation co-benefits of adaptation actions, if included in the NDC
- ➔ Actions that influence international transport

Parties to the Paris Agreement may implement mitigation policies and measures, actions and plans in any sector of their economy and must report information on those actions, policies and measures that have the most significant impact on GHG emissions or removals and those impacting key categories in the national GHG inventory

# Table 5: Content

## BTRs, MPGs section III.D

Per mitigation action

- ❑ Name
- ❑ Description
- ❑ Objectives
- ❑ Type of instrument
- ❑ Status
- ❑ Gases
- ❑ Start year
- ❑ Implementing entity
- ❑ **Methodologies** and assumptions used to estimate GHGs

Also in  
CTF  
table 5

## Additionally in CTF table 5

(extra flexibility in reporting)

- ❑ **Estimate of achieved GHG impacts**
- ❑ Estimate of expected GHG impacts

## Optional reporting

('may')

- ❑ Cost
- ❑ Non-GHG mitigation benefits
- ❑ Interaction of measures

Parties should focus on information that has **the most significant impact on GHG emissions** or removals and that affects **key categories** in the national GHG inventory.

MPGs Para: 82-85

# CTF 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 an NDC

## 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	
									Achieved	Expected

*a* Each Party shall provide information on actions, policies and measures that support the implementation and achievement of its NDC under Article 4 of the Paris Agreement, focusing on those that have the most significant impact on GHG emissions or removals and those impacting key categories in the national GHG inventory. This information shall be presented in narrative and tabular format (para. 80 of the MPGs).

*b* For each Party with an NDC under Article 4 of the Paris Agreement that consists of mitigation co-benefits resulting from Parties' adaptation actions and/or economic diversification plans consistent with Article 4, para. 7, information to be reported under paras. 80, 82 and 83 of the MPGs includes relevant information on policies and measures contributing to mitigation co-benefits resulting from adaptation actions or economic diversification plans (para. 84 of the MPGs).

*c* Parties may indicate whether a measure is included in the 'with measures' projections.

*d* Additional information may also be provided on the cost of the mitigation actions, non-GHG mitigation benefits, and how the mitigation action interacts with other mitigation actions, as appropriate (para. 83(a-c) of the MPGs).

*e* Parties should identify actions, policies and measures that influence GHG emissions from international transport (para. 88 of the MPGs).

*f* Parties should, to the extent possible, provide information about how actions, policies and measures are modifying longer-term trends in GHG emissions and removals (para. 89 of the MPGs).

*g* Parties shall, to the extent possible, provide information on the types of instrument: regulatory, economic instrument or other (para. 82(d) of the MPGs).

*h* Parties shall, to the extent possible, use the following descriptive terms to report on status of implementation: planned, adopted or implemented (para. 82(e) of the MPGs).

*i* Parties shall, to the extent possible, provide information on sector(s) affected: energy, transport, industrial processes and product use, agriculture, LULUCF, waste management or other (paras. 81 and 82(f) of the MPGs).

*j* Each Party shall provide, to the extent possible, estimates of expected and achieved GHG emission reductions for its actions, policies and measures in the tabular format; those developing country Parties that need flexibility in the light of their capacities with respect to this provision are instead encouraged to report this information (para. 85 of the MPGs).

*k* To the extent available, each Party shall describe the methodologies and assumptions used to estimate the GHG emission reductions or removals due to each action, policy and measure. This information may be presented in an annex to the biennial transparency report (para. 86 of the MPGs).

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## CTF Table 5 - Example

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
Improved fuel economy of vehicles	Improvements in the fuel intensity of vehicles at the rate of 0.5% per year between 2022 and 2030, decreasing to 0.25% per year after 2030.	Technological improvements, better fuel economies	Regulatory, economic	Planned	Transport	CO2, CH4,	2021	MLTLR; TMRSU; Mauritius Standards Bureau (MSB); National Land Transport Authority (NLTA).		6.7
Mandatory Energy Labelling	Energy Efficiency (Labelling of Regulated Machinery) Regulations 2017 for refrigerator, oven and dishwasher	Improvement in energy efficiency gains through adoption of rescaled energy labels	Regulatory	adopted	Energy Efficiency	CO2	2017	Department of Energy		
Renewable Energy Roadmap 2030 for the Electricity Sector	Development of renewable energy technologies, diversifying the electricity mix of the country and adopting cleaner sources energy	The main target of the roadmap is to achieve 35% of renewable energy in 2025 and 40% by 2030.	Regulatory	Adopted	Energy	CO2	2019	Mauritius Renewable Energy Agency		

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# Thank you for your attention!

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