



Hands-on training on implementing enhanced transparency framework (ETF) focusing on key elements to fast-track BTR development in South Sudan.

Afew Examples of CTF Tables

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Appendix Table

Description of a Party's nationally determined contribution under Article 4 of the Paris Agreement, including updates ^a	
	Description
Target(s) and description, including target type(s), as applicable ^{b,c}	Relative GHG emission reduction target and aims to reduce overall GHG emissions by 40% in 2030 compared to the Business as Usual (BAU) scenario of around 6,900 ktCO ₂ eq (including LULUCF) in 2030.
Target year(s) or period(s), and whether they are single-year or multi-year target(s), as applicable	NDC is a single year target - 2030
Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable	2030 - Business as usual scenario of projected GHG emissions with 2016 as a starting year
Time frame(s) and/or periods for implementation, as applicable	January 2021 to December 2030
Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases, as applicable	Sectors covered are; Energy including Transport, Waste, IPPU, Agriculture and LULUCF Gases covered are: Carbon dioxide (CO ₂), Methane (CH ₄), Nitrous oxide (N ₂ O) and Hydrofluorocarbons (HFCs)
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	The Party's intends to use voluntary cooperation to achieve its mitigation objectives.
Any updates or clarifications of previously reported information, as applicable ^d	No updates

Tables

Indicator for Tracking Progress

- MPGs: Paragraphs 65-70
- Scope: Identification of indicators selected to track progress; information for the reference point(s); updates in the case of recalculations; relationship to the NDC
- **Table 1**

Definitions needed to understand the NDC

- MPGs: paragraph 73
- Scope: definitions needed to understand the NDC and mitigation co-benefits of adaptation actions and economic diversification plans; any sectors or categories defined differently than in the national inventory report
- **Table 2**

Methodologies and accounting Approaches

- MPGs: paragraphs 71-76
- Scope: comprehensive information related to methodologies and accounting approaches applied for the first and subsequent NDCs; methodologies used for cooperative approaches
- **Table 3**

Tracking Progress in implementing and achieving the NDC

- MPGs : paragraphs 77(a a-d)
- Scope : information for each indicator; total GHG emissions and removals consistent with the NDC; contribution from the LULUCF sector, use of ITMOs, assessment of progress made and achievement of the NDC
- **Table 4**

Example of a filled Table1: Indicators to track progress (Tunisia)

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>
Emissions intensity in the energy sector (GHG emissions per unit of GDP)	Greenhouse gas emissions in the energy sector (expressed in tons of CO ₂ eq) 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 eq/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 eq/1000TND 2010 to 0.460 t CO ₂ eq/1000 TND 2010
Relation to NDC ^c	The NDC consists of an emissions intensity target. Hence, Emissions intensity is the most appropriate indicator for this type of NDC

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.

Example of a filled Table2: Indicators to track progress (Tunisia)

2. Structured summary: Definitions needed to understand NDC

Definitions ^a	
Definition needed to understand each indicator:	
Indicator: Total GHG emissions excluding LULUCF per year (measured as millions of ton CO2eq emissions)	
BAU emissions baseline scenario (measured as millions of ton CO2eq emissions)	Methodology for building this baseline is included in the Chapter on information necessary to track progress made in implementing the NDC for the Party (BTR1). Values calculated as the sum of estimated emissions of the following direct GHG: CO2, CH4, N2O and HFCs, measured in units of ton of carbon dioxide-equivalent, by using as the common weighting factors the GWP listed in the same IPCC Assessment report used for the target. The sectoral scope of the contribution covers all the categories of Energy, IPPU, Waste and AFOLU but excluding sources from Forestry and Other Land Use
{Sector}	
{Category}	
Definition needed to understand mitigation cobenefits of adaptation actions and/or economic diversification plans:	
{Mitigation co-benefit(s)}	NA
Any other relevant definitions:	
{...}	NA

Table 4: Tracking Progress

	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	➡		<i>Where the goal is an economy-wide emission reduction target, data from GHG inventory</i>							
	➡		<i>Where the goal covers a subset of the economy, data will be a subset of the GHG inventory</i>							
Contribution from LULUCF sector, as applicable	➡		<i>May not be applicable to all NDC goal types if the NDC does not cover the LULUCF sector</i>							
ITMOs	➡		<i>May not be applicable, if ITMOs will not be considered towards the NDC goal</i>							
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)	➡		<i>To be reported in the first BTR that contains information on the end year of NDC</i>							

Source: CGE Training Material

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Table 4: Example of a completed common tabular format for tracking progress, reported with the first Biennial Transparency Report

	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>								

Source: PATPA- Guidance Accounting for Nationally Determined Contributions

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Table 4: Example of a completed common tabular format for tracking progress, including information on cooperative approaches

Source: PATPA- Guidance Accounting for Nationally 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		<i>TargEmissions</i>	80	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>								

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

	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.								



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

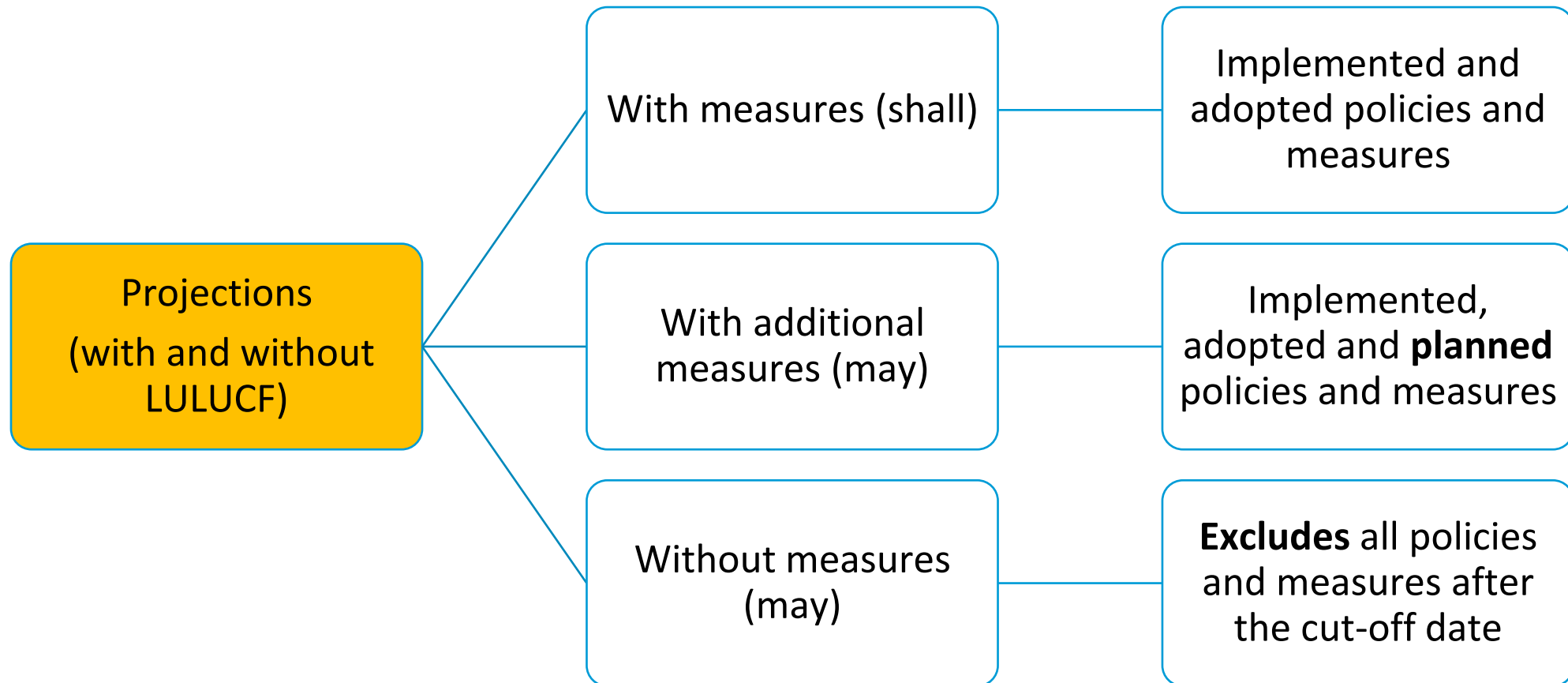
Name	Description	Objectives	Type of instrument	Status	Sector(s) affected	Gases affected	Start year of implementation	Implementing entity or entities	Estimates of GHG emission reductions (kt CO ₂ eq)	
									Achieved	Expected
Improved fuel economy of vehicles	Improvements in the fuel intensity of vehicles 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	CO ₂ , CH ₄ ,	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	CO ₂	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	CO ₂	2019	Mauritius Renewable Energy Agency		

Custom Footnote:

Documentation box:



CTF Table 7,8,9 - Projections of GHG emissions



7. Information on projections of greenhouse gas emissions and removals under a 'with measures' scenario

7. Information on projections of greenhouse gas emissions and removals under a ' <u>with measures</u> ' scenario ^{a,b}				
	Most recent year in the Party's national inventory report (kt CO ₂ eq) ^c			
	Projections of GHG emissions and removals, (kt CO ₂ eq) ^c			
	2016	2025	2030	2035
Sector^d				
Energy	3013		2005	
Transport	1169		1385	
Industrial processes and product use	311		479	
Agriculture	158		188	
LULUCF	-330		-293	
Waste	559		322	
Other (specify)				
Gas				
CO ₂ emissions including net CO ₂ from LULUCF				
CO ₂ emissions excluding net CO ₂ from LULUCF				
CH ₄ emissions including CH ₄ from LULUCF				
CH ₄ emissions excluding CH ₄ from LULUCF				
N ₂ O emissions including N ₂ O from LULUCF				
N ₂ O emissions excluding N ₂ O from LULUCF				
HFCs				
PFCs				
SF ₆				
NF ₃				
Other (specify)				
Total with LULUCF	4881		4086	
Total without LULUCF	5211		4379	

8. Information on projections of greenhouse gas emissions and removals under a 'with additional measures' scenario

9. Information on projections of greenhouse gas emissions and removals under a 'without measures' scenario

8. Information on projections of greenhouse gas emissions and removals under a 'with additional measures' scenario ^{a,b}				
	Most recent year in the Party's national inventory report (kt CO ₂ eq) ^c			
	Projections of GHG emissions and removals, (kt CO ₂ eq) ^c			
	20XX	20X(0)(5)	20X(0)(5)	20X(0)(5)
Sector^d				
Energy				
Transport				
Industrial processes and product use				
Agriculture				
LULUCF				
Waste				
Other (specify)				
Gas				
CO ₂ emissions including net CO ₂ from LULUCF				
CO ₂ emissions excluding net CO ₂ from LULUCF				
CH ₄ emissions including CH ₄ from LULUCF				
CH ₄ emissions excluding CH ₄ from LULUCF				
N ₂ O emissions including N ₂ O from LULUCF				
N ₂ O emissions excluding N ₂ O from LULUCF				
HFCs				
PFCs				
SF ₆				
NF ₃				
Other (specify)				
Total with LULUCF				
Total without LULUCF				

9. Information on projections of greenhouse gas emissions and removals under a 'without measures' scenario ^{a,b}				
	Most recent year in the Party's national inventory report (kt CO ₂ eq) ^c			
	Projections of GHG emissions and removals, (kt CO ₂ eq) ^c			
	2016	2025	2030	2035
Sector^d				
Energy	3013		4316	
Transport	1169		1514	
Industrial processes and product use	311		534	
Agriculture	158		188	
LULUCF	-330		-293	
Waste	559		635	
Other (specify)				
Gas				
CO ₂ emissions including net CO ₂ from LULUCF				
CO ₂ emissions excluding net CO ₂ from LULUCF				
CH ₄ emissions including CH ₄ from LULUCF				
CH ₄ emissions excluding CH ₄ from LULUCF				
N ₂ O emissions including N ₂ O from LULUCF				
N ₂ O emissions excluding N ₂ O from LULUCF				
HFCs				
PFCs				
SF ₆				
NF ₃				
Other (specify)				
Total with LULUCF	4881		6894	
Total without LULUCF	5211		7187	

10. Projections of key indicators

Key indicator(s): ^c	Unit, as applicable	Most recent year in the Party's national	Projections of key indicators ^d		
		2021	2025	2030	2035
Total economy-wide greenhouse gas emissions and removals	kt CO2 eq	4881	4409	4086	3800
Solar Power Installation	Gigawatts (GW)	50	80	120	170
Electric Vehicle Adoption	Number of Electric Vehicle	50	100	200	400
Forest Cover Increase	Hectares (in thousands)	200	250	300	360

11. Key underlying assumptions and parameters used for projections

11. Key underlying assumptions and parameters used for projections ^{a,b}						
Key underlying assumptions and parameters: ^c	Unit, as applicable	Most recent year in the Party's national inventory report, or the most recent year for which data is available	Projections of key underlying assumptions and parameters ^d			
			2021	2025	2030	2035
Gross Domestic Product Growth Rate	Percentage (%)	3.5	4	4.5	5	
Population Growth Rate	Percentage (%)	1.2	1.5	1.8	2	
Energy Consumption per Capita	MWh per person	7.5	8	8.5	9	

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

<i>Sectors and activities associated with the response measures^b</i>									
<i>Sectors and activities associated with the response measures^b</i>		<i>Social and economic consequences of the response measures^c</i>	<i>Challenges in and barriers to addressing the consequences^d</i>	<i>Actions to address the consequences^e</i>					
^a Each Party with an NDC under Article 4 that consists of adaptation actions and/or economic diversification plans resulting in mitigation co-benefits consistent with Article 4, para. 7, of the Paris Agreement shall provide the 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 (para. 78 of the MPGs).									
^b In accordance with para. 78(a) of the MPGs.									
^c In accordance with para. 78(b) of the MPGs.									
^d In accordance with para. 78(c) of the MPGs.									
^e In accordance with para. 78(d) of the MPGs.									



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Thank you for your attention!

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