





# Ejercicio: Llenar la Tabla 4 del CTF y evaluar la Tabla 3 del CTF

#### Fernando Farías

Senior Advisor UNEP-Copenhagen Climate Centre Fernando.farias@un.org

















## Ejercicios con tablas CTF: flujo de información

Apéndice Descripción de la NDC (objetivos) • Resumen estructurado: Tabla 1 Indicadores • Resumen estructurado: Tabla 2 Definiciones • Resumen estructurado: Tabla 3 Metodologías • Resumen estructurado: Tabla 4 Seguimiento del progreso • Proyecciones: Cuadro 10 • Indicadores clave de proyección

## Ejercicios con tablas CTF: flujo de información

Table 3:
Methodologies and
accounting
approaches

- Accounting approach
- IPCC version accordance
- Key parameters
- Mitigation cobenefits
- Completeness, ITMOs

Table 4: Tracking progress

- Indicator implementation and progress
- ITMOs
- Assessment of achievement

## Ejercicios con tablas CTF

Relevancia de la Tabla 4 del CTF: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement

La Tabla 4 es el corazón del ejercicio de evaluación. En su conjunto:

- Objetivos de las NDC
- Indicadores
- Emisiones
- Periodo
- Otros elementos (ITMO)

## CTF Tabla 4: Túnez

### 4. Structured summary: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement<sup>a</sup>

	Unit, as applicable	Reference point(s), level(s), baseline(s), base year(s) or starting point(s){MPGs, p. 67, 77(a)(i)}	Implementation period of the NDC covering information for previous reporting years and the most recent year, including the end year or end of period {MPGs, p. 68, 77(a)(ii–iii)}				year,	oval <sup>b</sup>		Target year or	Progress made towards the NDC, as determined by comparing the most recent information for each selected indicator, including for the end year or end of period, with
	om, as appreasie		2021	2022		En	nd Year	vei		period	the reference point(s), level(s), baseline(s), base year(s) or starting point(s) (paras. 69–70 of the MPGs)
ndicator(s) selected to track progress towards the inplementation and/or achievement of the NDC under tricle 4 of the Paris Agreement <sup>c</sup> : {MPGs, p. 65, 77(a)}											
{Indicator}	Total CO2 eq emissions in the Energy sector (Mt CO2eq)	29.00	30.60				17% above year uncondit		9% below base year conditional	2030	6% above reference level
	Emissions intensity in the energy sector (t CO2 eq/1000 TND 2	0: 0.46	0.44				28% below year uncondit		44% below base year conditional	2030	4% below reference level
	GDP (Millions TND at 2010	p 63,055.00	69,633.00								
	GDP as considered in the NDC (Millions TND at 2010 pr	ic 63,055.00	70,026.00								
(Parties can add rows for each additional indicator and supporting information for each indicator, e.g. baseline values, baseline for the portion of NDC, target values, mitigation effects											
/here applicable, total GHG emissions and removals consistent ith the coverage of the NDC {MPGs, p. 77(b)}	Mt CO2e	q 29	30.60								
ontribution from the LULUCF sector for each year of the target eriod or target year, if not included in the inventory time series total net GHG emissions and removals, as applicable {MPGs, p. (c)}	NA	NA	NA								

## CTF Tabla 4: Rwanda

## 4. Structured summary: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement Example for Parties that participates in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 of the Paris Agreement Implementation period of the NDC covering information Progre

	Unit, as applicable	Reference point(s), level(s), baseline(s), base year(s) or starting point(s){MPGs, p. 67, 77(a)(i)}	Implemen for previo including 2021	g years a	nd the mo d of period	st recent	year,	Target level <sup>b</sup>		Target year or period	Progress made towards the NDC, as determined by comparing the most recent information for each selected indicator, including for the end year or end of period, with the reference point(s), level(s), baseline(s), base year(s) or starting point(s) (paras. 69–70 of the MPGs)
Indicator(s) selected to track progress towards the implementation and/or achievement of the NDC under Article 4 of the Paris Agreement <sup>c</sup> : {MPGs, p. 65, 77(a)}		(year 2015)									
Total greenhouse gas emissions (GHG) excluding LULUCF per year (measured as millions of ton CO2eq emissions)	(millions of ton CO2eq)	5.33						unconditional reduction of 16% relative to BAU in the year 2030 (equivalent to 10.16 millions of ton CO2eq)	year 2030 (equivalent	year2030	
Support Information: BAU emissions baseline scenario (measured as millions of ton CO2eq emissions)	(millions of ton CO2eq)	5.33			9.61		12.06			year2030	
{Parties can add rows for each additional indicator and supporting information for each indicator, e.g. baseline values, baseline for the portion of NDC, target values, mitigation effects of policies and measures, etc.}											
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC {MPGs, p. 77(b)}	(millions of ton CO2eq)	5.33									

## Ejercicios con tablas CTF: materiales

Materiales : Una plantilla con los datos de tu país.

Tabla A: útil para completar las tablas CTF 3,4

**Materiales**: archivos Excel

- 1. Plantilla limpia de CTF para completar :
- a) Archivo Excel con 12 tablas CTF y apéndice para trabajo propio:

CTF\_Tracking\_Progress\_NDC\_Template\_Clean.xlsx

- 2. Ejemplos de CTF para guia :
- a) Archivo Excel con ejemplos de Tabla 3 y Tabla 4, con datos de NDC de Mauricio , NDC de Túnez y NDC de Ruanda y tablas de seguimiento correspondientes: tablas 3 y 4 Panamá.xlsx

## Ejercicios con CTF tabla 4

## Con los datos de tu país incluidos en la Tabla A, ¿qué partes de la Tabla 4 puedes llenar?

4. Structured summary: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement<sup>a</sup>

Example for Parties that participates in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 of the Paris Agreement Progress made towards the NDC, Implementation period of the NDC covering as determined by comparing the information for previous reporting years and the Reference point(s), most recent information for each most recent year, including the end year or end of level(s), baseline(s), selected indicator, including for period {MPGs, p. 68, 77(a)(ii–iii)} Target base year(s) or Target Unit, as the end year or end of period, with year or level b applicable starting the reference point(s), level(s), period point(s){MPGs, p. baseline(s), base year(s) or Year 1 Year 2 **End Year** 67, 77(a)(i)} starting point(s) (paras. 69–70 of the MPGs) Indicator(s) selected to track progress towards the implementation and/or achievement of the NDC under Article 4 of the Paris Agreement c: {MPGs, p. 65, 77(a)} {Indicator} {Parties can add rows for each additional indicator and supporting information for each indicator, e.g. baseline values, baseline for the portion of NDC, target values, mitigation effects Where applicable, total GHG emissions and removals consistent with the coverage of the NDC {MPGs, p. 77(b)} 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 {MPGs, p. 77(c)}

# Ejercicios con CTF tabla 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..

## Ejercicios con tablas CTF

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

Reporting requirement	Description or reference to the relevant section of the BTR
For the first NDC under Article 4:a	
Accounting approach, including how it is consistent with Article 4, paragraphs 13–14, of the Paris  Agreement (para. 71 of the MPGs)	
For the second and subsequent NDC under Article 4, and optionally for the first NDC under Article 4:b	

Information on the accounting approach used is

For each NDC under Article 4: <sup>b</sup>	
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)	

Reporting requirement	Description or reference to the relevant section of the BTR
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)	

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)

Any methodologies used to account for mitigation cobenefits 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

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







# Gracias por su atención!

### **Fernando Farías**

Senior Advisor
UNEP-Copenhagen Climate Centre
Fernando.farias@un.org















