

Training Workshop: Hands-on Training on Tracking NDC Mitigation Commitments under the Paris Agreement

Gaborone, Botswana 31 July-2 August 2024

Presentation: Introducing the exercise on filling Appendix and Table 1&2

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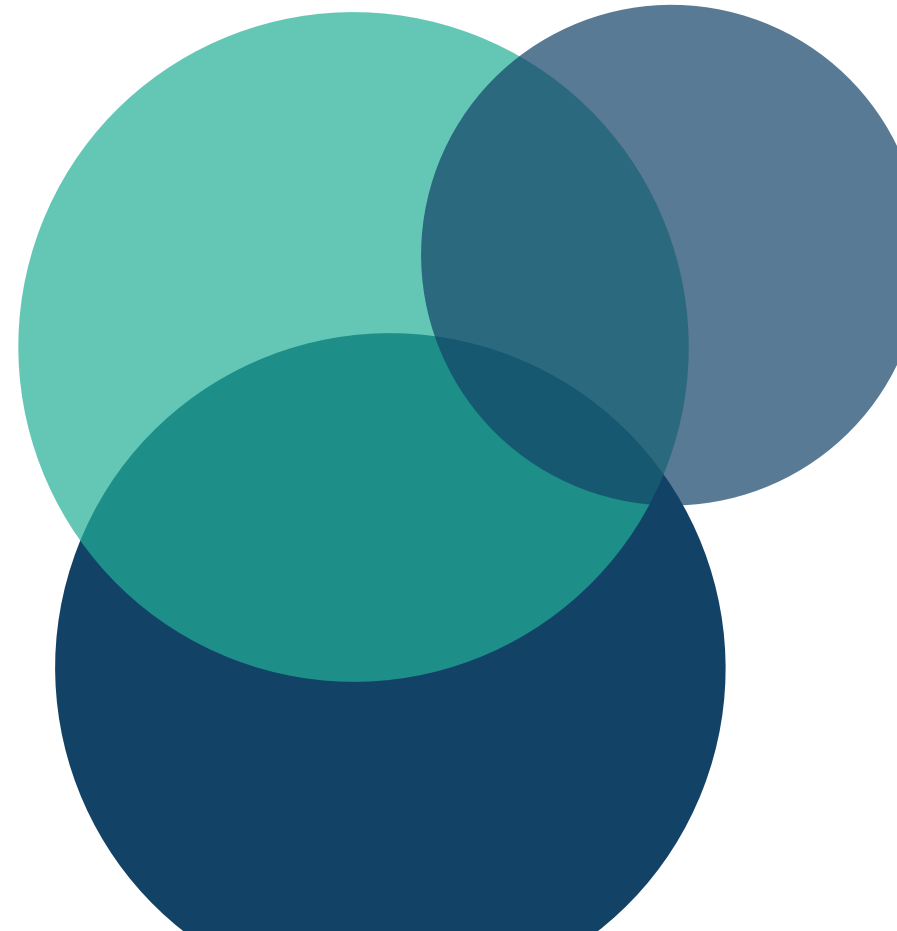
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Objectives of the Session

First batch: indicators, definitions and descriptions

Appendix:
Description of a
Party's NDC

Table 1:
Description of
selected
indicators

Table 2:
Definitions
needed to
understand the
NDC

United Nations

E/CN.3/2022/17



Economic and Social Council

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Statistical Commission

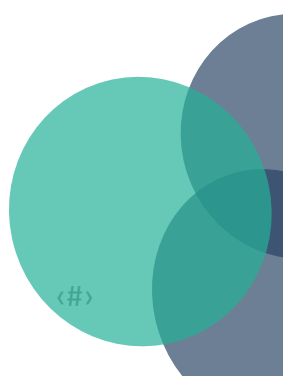
Fifty-third session
1–4 March 2022
Item 3 (m) of the provisional agenda*
Items for discussion and decision

Climate change statistics

Report of the Secretary-General



CBIT-GSP
CLIMATE TRANSPARENCY



<#>

Appendix

- MPGs: Paragraph 64
- a description of Party's NDC under Article 4

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**

Executed by:

Appendix Table: Description of a Party's NDC (Example)

Target(s) and description

General description of the target(s),

- sectors,
- gases,
- categories and
- pools covered.

Paragraph 3(a–b)

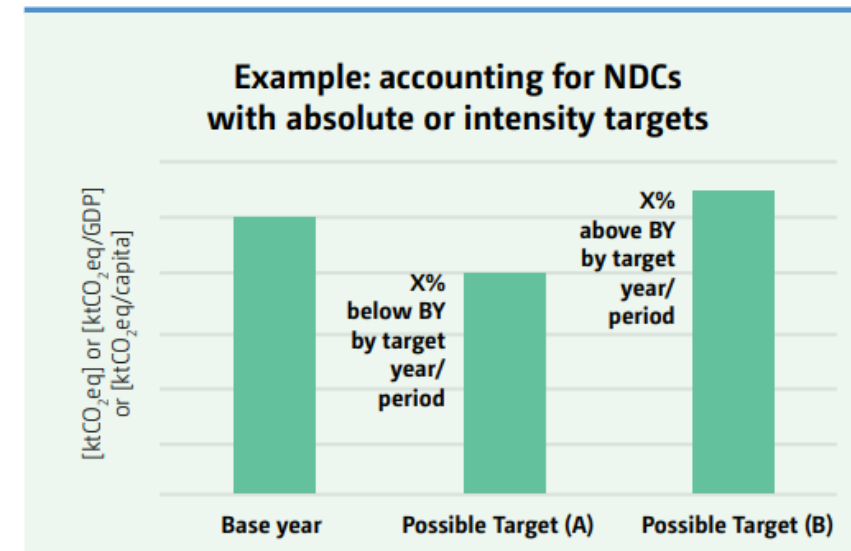
Provide information on the gases (i.e. CO₂, CH₄, N₂O, hydrofluorocarbons, perfluorocarbons, SF₆ and/or NF₃), sectors and categories covered using the IPCC category classification as defined in the CRTs

Appendix Table: Description of a Party's NDC (Example)

Target(s) type(s)

Types of targets	Description
<p>1. Absolute emission reduction or limitation target relative to a base year.</p>	<p>These targets may be economy-wide or sector-specific.</p> <ul style="list-style-type: none"> • They can reflect a decrease in emissions compared with a base-year or period, or a limitation on emissions. • They can also take the form of a target for carbon neutrality. • The PA specifies that <ul style="list-style-type: none"> • Developed country Parties should undertake economy-wide emission reduction targets • Developing country Parties are encouraged to move over time towards economy-wide emission reduction or limitation targets.

GHG emissions (t CO₂ eq) with or without LULUCF, as appropriate, in base year/period, current year, and target year/period; emission reductions (t CO₂ eq)

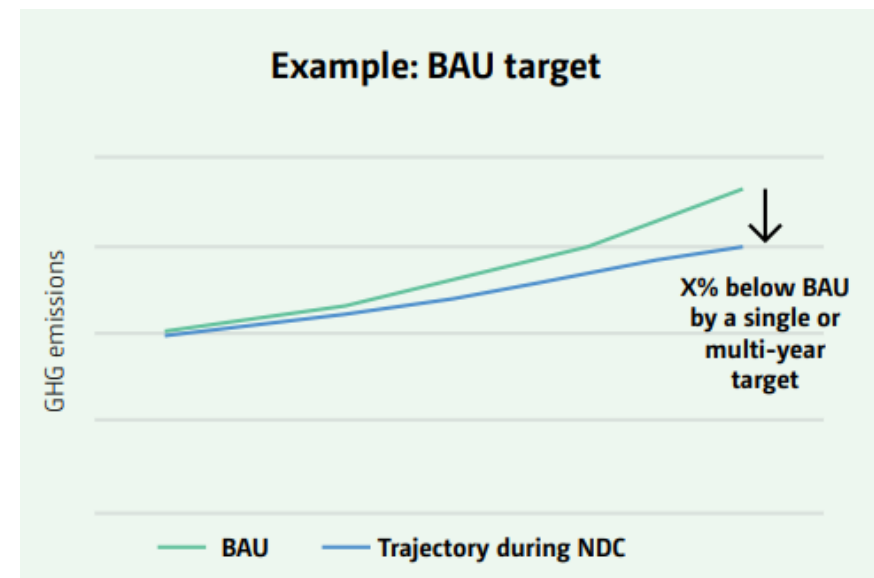


Appendix Table: Description of a Party's NDC (Example)

Target(s) type(s)

Types of targets	Description
<p>2. Emission reduction target below a 'business as usual' level.</p>	<p>This type of target involves a</p> <ul style="list-style-type: none"> • Party developing the 'business as usual' scenario – across the entire economy or for a single sector – and committing to limiting emissions to a level below that projected under that scenario. • The target may reflect a single year or a budget over multiple years.

GHG emissions (t CO2 eq) for 'business as usual' scenario (if different from the reference level) with or without LULUCF, as appropriate; values for drivers of 'business as usual' scenario (e.g., GDP, population, fuel demand); current emissions below 'business as usual' level



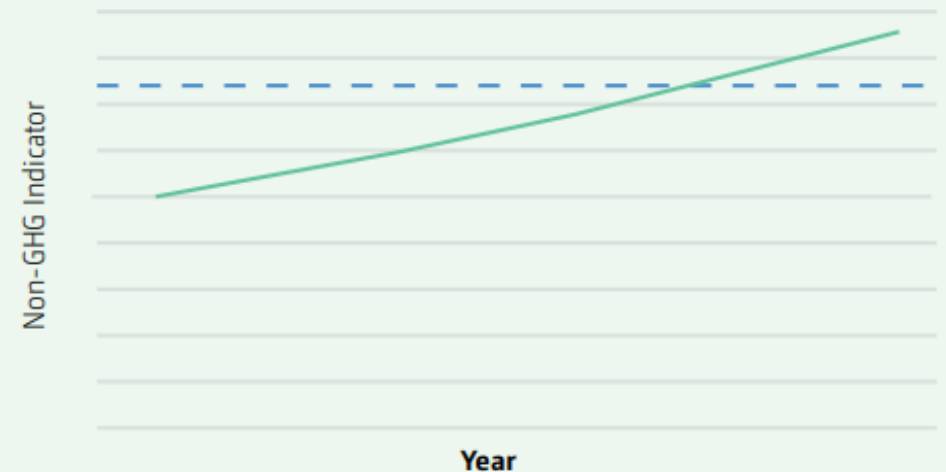
Appendix Table: Description of a Party's NDC (Example)

Target(s) type(s)

Types of targets	Description
<p>3. Intensity target.</p>	<p>These targets are typically framed as limiting emissions to a predefined amount of GHG emissions (or carbon or energy) per unit of output (e.g. per GDP unit or per capita).</p>

Base, current or target year/period GHG emissions; base, current or target year/period drivers (e.g. GDP, population, energy consumption)

Example: non-GHG goals (e.g. forest cover, electricity sector efficiency, share of renewable energy)

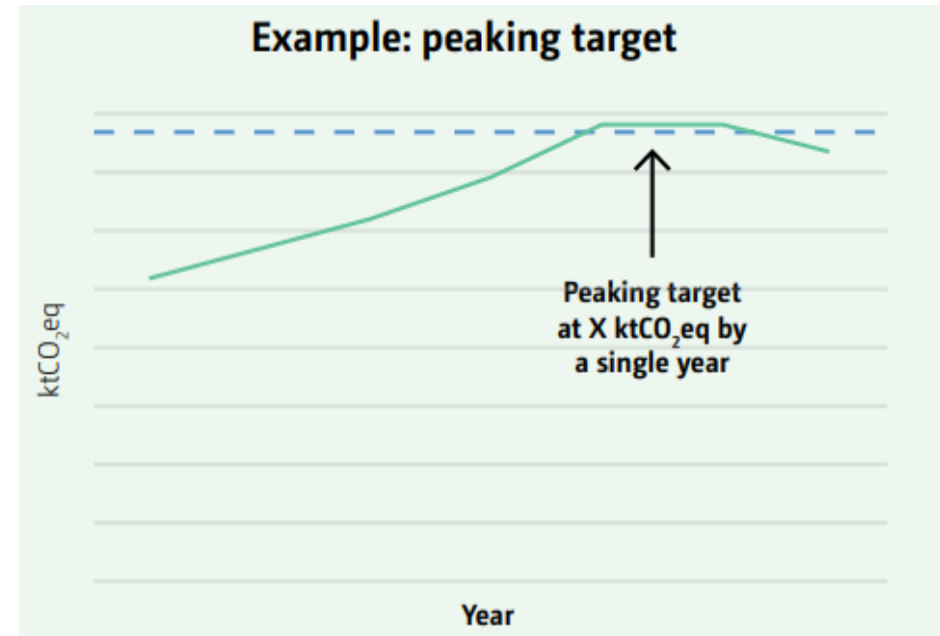


Appendix Table: Description of a Party's NDC (Example)

Target(s) type(s)

Types of targets	Description
<p>4. Peaking target.</p>	<p>A peaking target allows a Party to</p> <ul style="list-style-type: none"> • emit increasing amounts of GHG emissions for a specified period and then peak either at a certain level of emissions or in a certain year. • The country may define what a 'peak' is and how it differs from inter-annual variation.

GHG emissions (t CO₂ eq) in all years leading to the target year, with or without LULUCF



Appendix Table: Description of a Party's NDC (Example)

Target(s) type(s)

Types of targets	Description
5. Policies and actions.	<p>The party does not necessarily commit to an emission-based target but rather to implementing one or a series of policies and actions designed to address climate change given the national circumstances</p> <ul style="list-style-type: none"> • A low carbon development strategy for urban planning or renewable energy legislation
6. Other.	<p>Other targets in NDCs communicated by Parties to date, which in some cases overlap with the ones identified above, include</p> <ul style="list-style-type: none"> • tracking the mitigation co-benefits of adaptation actions and non-GHG targets <ul style="list-style-type: none"> • e.g. the share of renewables in the energy sector, • an increase in forest land area or a specified measure of energy efficiency).

*Status of implementation of policies and measures (e.g. planned, adopted, implementing); description of what would have happened in the country without the policy; emission **quantification of the policy impacts**; number of policies and measures implemented; financial, technological, and/ or capacity-building support received for implementing policies and measures*

*Description of current **adaptation actions with mitigation co-benefits**; quantification of mitigation co-benefits*



Appendix Table: Description of a Party's NDC (Example)

Target(s) type(s) Summarized

The reported information shall include, as applicable, a description of the target explaining the nature of the target

<ul style="list-style-type: none"> Economy-wide absolute emission reduction targets, 	expressed as an emission reduction from the level in a specified base year;
<ul style="list-style-type: none"> Emission peaking targets 	, expressed as a maximum level of emissions in a specified year where subsequent emissions are expected to decline continuously;
<ul style="list-style-type: none"> Targets based on carbon budget approaches, 	expressed as a total amount of emissions that can be emitted over a given period;
<ul style="list-style-type: none"> Emission intensity reduction targets, 	expressed as emissions per unit of GDP (or other unit);
<ul style="list-style-type: none"> Targets of emission reductions below a projected baseline, 	expressed in relation to a 'business as usual' scenario;
<ul style="list-style-type: none"> Mitigation co-benefits of adaptation actions or economic diversification plans, policies and measures, 	expressed as emission reductions associated with other actions;
<ul style="list-style-type: none"> Other targets, for example, emission reductions 	associated with low-emission development strategies, plans or actions, in line with national circumstances.

Appendix Table: Description of a Party's NDC (Example)

Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable

Decision 18/CMA.1, annex, Paragraph 67. [...] **SHALL** provide the information for each selected indicator for the

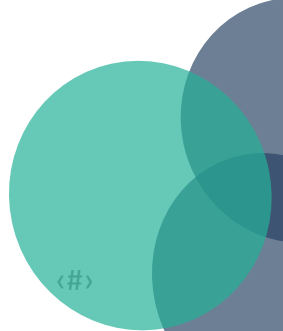
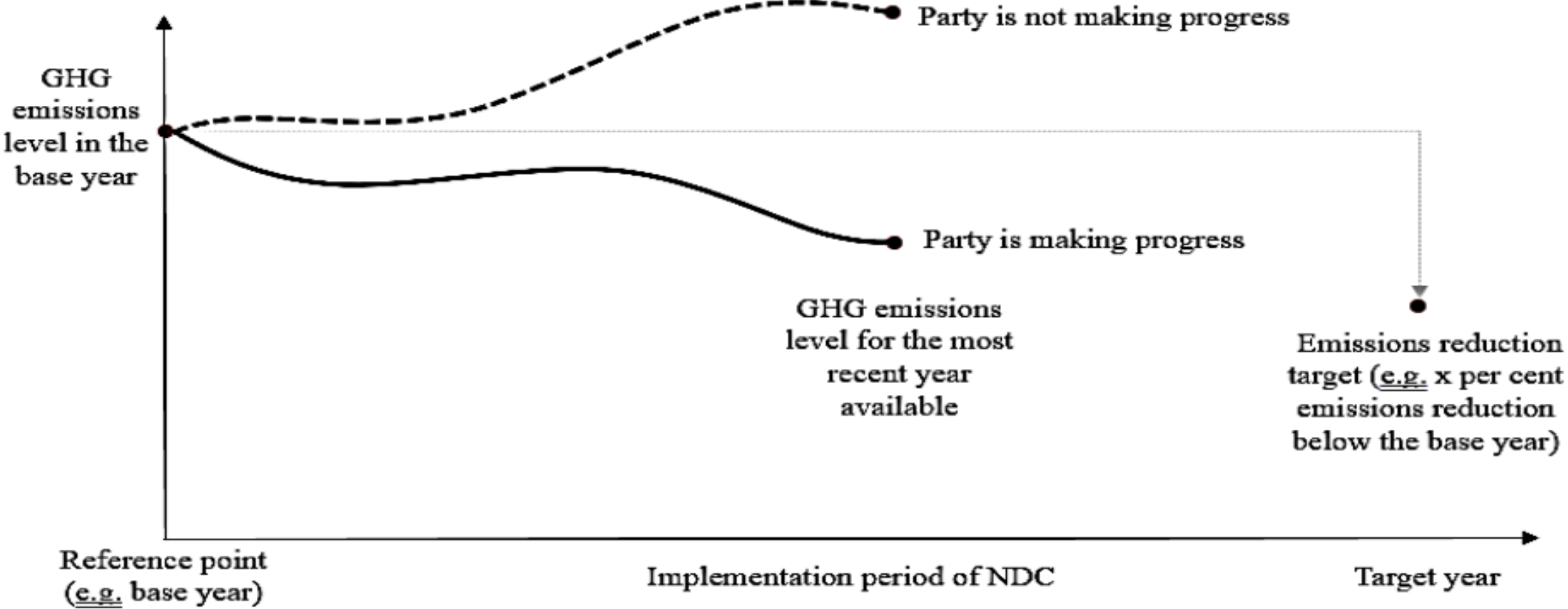
- reference point(s),
- level(s),
- baseline(s),
- base year(s) or starting point(s),

and **SHALL** update the information in accordance with any recalculation of the GHG inventory, **AS APPROPRIATE**.

For the first biennial transparency report that contains information on the end year or end of the period of the NDC, each Party shall provide an assessment of whether it has achieved the targets for its NDC.

Appendix Table: Description of a Party's NDC (Example)

Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable



Appendix Table: Description of a Party's NDC (Example)

Appendix 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}																	
Target year(s) or period(s), and whether they are single-year or multi-year target(s), as applicable	<table border="1"> <thead> <tr> <th colspan="2">Description</th> </tr> </thead> <tbody> <tr> <td>Target(s) and description, including target type(s), as applicable</td> <td> <ul style="list-style-type: none"> Economy-wide net greenhouse gas emission reduction of 20% by 2030 compared to the base year 2005 Target Type: economy-wide emission reduction target </td> </tr> <tr> <td>Target year(s) or period(s), and whether they are single-year or multi-year target(s), as applicable</td> <td> <ul style="list-style-type: none"> Target year: 2030 Single-year target </td> </tr> <tr> <td>Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable</td> <td> <ul style="list-style-type: none"> Reference level: Economy-wide net greenhouse gas emissions and removals in 2005 Value: 100 Mt CO₂e </td> </tr> <tr> <td>Time frame(s) and/or periods for implementation, as applicable</td> <td> <ul style="list-style-type: none"> Period for implementation: 2021-2030 </td> </tr> <tr> <td>Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases, as applicable</td> <td> <ul style="list-style-type: none"> Sectors: Energy, industrial processes and product use, agriculture, land use, land use change and forestry, waste Coverage: All emissions and removals on the national territory Gases: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃ </td> </tr> <tr> <td>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</td> <td>The Party does not intend to use cooperative approaches</td> </tr> <tr> <td>Any updates or clarifications of previously reported information, as applicable</td> <td>The reference level has been updated due to recalculations in the national greenhouse gas inventory. The value communicated in the NDC was 101 Mt CO₂e. The updated reference level (emissions level in the base year) is 100 Mt CO₂e.</td> </tr> </tbody> </table>	Description		Target(s) and description, including target type(s), as applicable	<ul style="list-style-type: none"> Economy-wide net greenhouse gas emission reduction of 20% by 2030 compared to the base year 2005 Target Type: economy-wide emission reduction target 	Target year(s) or period(s), and whether they are single-year or multi-year target(s), as applicable	<ul style="list-style-type: none"> Target year: 2030 Single-year target 	Reference point(s), level(s), baseline(s), base year(s) or starting point(s), and their respective value(s), as applicable	<ul style="list-style-type: none"> Reference level: Economy-wide net greenhouse gas emissions and removals in 2005 Value: 100 Mt CO₂e 	Time frame(s) and/or periods for implementation, as applicable	<ul style="list-style-type: none"> Period for implementation: 2021-2030 	Scope and coverage, including, as relevant, sectors, categories, activities, sources and sinks, pools and gases, as applicable	<ul style="list-style-type: none"> Sectors: Energy, industrial processes and product use, agriculture, land use, land use change and forestry, waste Coverage: All emissions and removals on the national territory Gases: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃ 	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 does not intend to use cooperative approaches	Any updates or clarifications of previously reported information, as applicable	The reference level has been updated due to recalculations in the national greenhouse gas inventory. The value communicated in the NDC was 101 Mt CO ₂ e. The updated reference level (emissions level in the base year) is 100 Mt CO ₂ e.
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Table 1: Description of Selected indicators

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

Example of Tunisia

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

Table 2: Definitions needed to understand NDC

2. Structured summary: Definitions needed to understand NDC

Definitions ^a
<i>Definition needed to understand each indicator:</i>
{Indicator}
<i>Any sector or category defined differently than in the national inventory report:</i>
{Sector}
{Category}
<i>Definition needed to understand mitigation co benefits of adaptation actions and/or economic diversification plans:</i>
{Mitigation co-benefit(s)}
<i>Any other relevant definitions:</i>
{...}

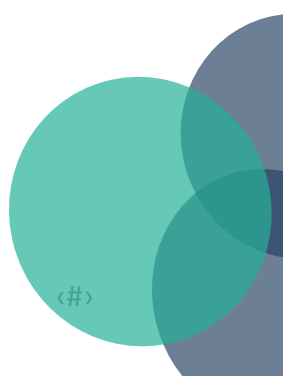


Linking CTF tables

NDC description		Table 1: Indicators		Table 2: Definitions	
Annex II, appendix		Structured summary		Structured summary	
Target:	30% reduction below BAU	Indicator:	GHG emissions	Indicator:	GHG emissions using AR5 GWPs
Type:	Emission reduction below a projected baseline	Reference:	Starting point 2019: 169 Mt CO ₂ e BAU 2030: 215 Mt CO ₂ e	Differences to inventory:	Exclusion of emissions from HFCs
Year:	2030	Updates:	No recalculation conducted	Co-benefits:	N/A
Reference:	BAU emissions 2030: 215 Mt CO ₂ e	Relation to NDC:	The indicator directly relates to the NDC target		
Time frame:	2020-2030				
Scope:	Economy-wide; all sectors; CO ₂ , CH ₄ , N ₂ O				



Exercise



Thank you for your attention!

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