#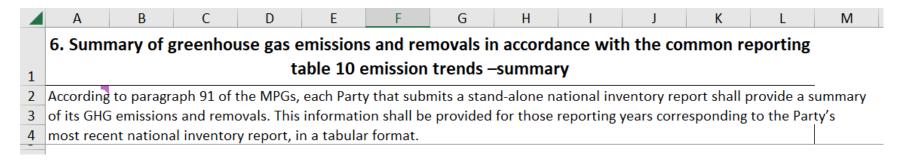 6. Summary of greenhouse gas emissions and removals in accordance with the common reporting table 10 emission trends – summary

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	6. Summary of greenhouse gas emissions and removals in accordance with the common reporting table 10 emission trends –summary												
2	According to paragraph 91 of the MPGs, each Party that submits a stand-alone national inventory report shall provide a summary												
3	of its GHG emissions and removals. This information shall be provided for those reporting years corresponding to the Party's												
4	most recent national inventory report, in a tabular format.												

National inventory report may be submitted as a stand-alone report or as a component of a biennial transparency report (paragraph 12 of chapter II of MPGs) and consists of a national inventory document and the common reporting tables (paragraph 38 of chapter II of MPGs).

TABLE 10 EMISSION TRENDS
GHG CO$_2$ eq emissions
(Sheet 1 of 6)
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GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Reference year/period for NDC [1]	Base year [2]	1990	(Years 1991 to 2019)	(Years 1991 to 2019)	(Years 1991 to 2019)	2020	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	(Years 2021 to latest reported year)	Change from 1990[base year][reference[year][period] to latest
					kt CO$_2$ equivalents (kt) [3]						%
Total (net emissions) [4]											
1. Energy											
1.A. Fuel combustion											
1.A.1. Energy industries											
1.A.2. Manufacturing industries and construction											
1.A.3. Transport											
1.A.4. Other sectors											
1.A.5. Other											
1.B. Fugitive emissions from fuels											
1.B.1. Solid fuels											
1.B.2. Oil and natural gas and other emissions from energy production											
1.C. CO$_2$ Transport and storage											
2. Industrial processes and product use											
2.A. Mineral industry											
2.B. Chemical industry											
2.C. Metal industry											
2.D. Non-energy products from fuels and solvent use											
2.E. Electronic industry											
2.F. Product uses as substitutes for ODS											
2.G. Other product manufacture and use											
2.H. Other											

Reporting projections under the ETF

Para MPGs	Type	Requirement
92	Shall / Encouraged	**Report projections** with flexibility for developing countries
93	Shall	Indicative of the impact of PaMs, **not for progress assessment** unless specified
94	Shall / May	Report '**with measures**' projection and optionally others
95	Shall	Projections to start from most recent year and **extend at least 15 years**, with flexibility for developing countries
96	Should	**Methodology** description including models, changes, assumptions, and sensitivity analysis
97	Shall	Provide projections of key **indicators** for NDC progress
98	Shall	Include **sectoral**, by **gas** and national **total** projections using a consistent metric
99	Shall	Present projections relative to actual inventory data
100	Shall	Provide emission projections with and without LULUCF
101	Shall	Present projections in graphical and tabular formats

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 'with measures' scenario[a,b]				
	Most recent year in the Party's national inventory report (kt CO2 eq)[c]	Projections of GHG emissions and removals, (kt CO2 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				
CO2 emissions including net CO2 from LULUCF				
CO2 emissions excluding net CO2 from LULUCF				
CH4 emissions including CH4 from LULUCF				
CH4 emissions excluding CH4 from LULUCF				
N2O emissions including N2O from LULUCF				
N2O emissions excluding N2O from LULUCF				
HFCs				
PFCs				
SF6				
NF3				
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				
CO2 emissions including net CO2 from LULUCF				
CO2 emissions excluding net CO2 from LULUCF				
CH4 emissions including CH4 from LULUCF				
CH4 emissions excluding CH4 from LULUCF				
N2O emissions including N2O from LULUCF				
N2O emissions excluding N2O from LULUCF				
HFCs				
PFCs				
SF6				
NF3				
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				
CO2 emissions including net CO2 from LULUCF				
CO2 emissions excluding net CO2 from LULUCF				
CH4 emissions including CH4 from LULUCF				
CH4 emissions excluding CH4 from LULUCF				
N2O emissions including N2O from LULUCF				
N2O emissions excluding N2O from LULUCF				
HFCs				
PFCs				
SF6				
NF3				
Other (specify)				
Total with LULUCF	4881		6894	
Total without LULUCF	5211		7187	

Fill in CTF Tables 7, 8 and 9 with data for your country

Data for your country:
Table B: Projections in "Tables to be filled by participants"

Examples of completed tables:
CTF_Tracking_Progress_ NDC_Template_Tunisia Appendixes

Fill in Tables CTF 7,8 and 9 in the file
"CTF_Tracking_Progress_ NDC_Template_Clean"

Reporting projections under the ETF

Para MPGs	Type	Requirement
92	Shall / Encouraged	**Report projections** with flexibility for developing countries
93	Shall	Indicative of the impact of PaMs, **not for progress assessment** unless specified
94	Shall / May	Report **'with measures'** projection and optionally others
95	Shall	Projections to start from most recent year and **extend at least 15 years**, with flexibility for developing countries
96	Should	**Methodology** description including models, changes, assumptions, and sensitivity analysis
97	**Shall**	97. Each Party shall also **provide projections of key indicators** to determine progress towards its NDC under Article 4 of the Paris Agreement.
98	Shall	Include **sectoral**, by **gas** and national **total** projections using a consistent metric
99	Shall	Present projections relative to actual inventory data
100	Shall	Provide emission projections with and without LULUCF
101	Shall	Present projections in graphical and tabular formats

10. Projections of key indicators

10. Projections of key indicators[a,b]

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

Reporting projections under the ETF

Para MPGs	Type	Requirement
92	Shall / Encouraged	**Report projections** with flexibility for developing countries
93	Shall	Indicative of the impact of PaMs, **not for progress assessment** unless specified
94	Shall / May	Report **'with measures'** projection and optionally others
95	Shall	Projections to start from most recent year and **extend at least 15 years**, with flexibility for developing countries
96	**Should**	96. Each Party should provide information in describing the **methodology** used to develop the projections. This information should include: • (a) Models and/or approaches used and **key underlying assumptions and parameters used for projections** (e.g. gross domestic product growth rate/level, population growth rate/level);
97	Shall	97. Each Party shall also provide projections of key indicators to determine progress towards its NDC under Article 4 of the Paris Agreement.
98	Shall	Include **sectoral**, by **gas** and national **total** projections using a consistent metric
99	Shall	Present projections relative to actual inventory data
100	Shall	Provide emission projections with and without LULUCF
101	Shall	Present projections in graphical and tabular formats

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

Fill in CTF Tables 10 and 11 with data for your country

Data for your country:
Table B: Projections in "Tables to be filled by participants"

Examples of completed tables:
CTF_Tracking_Progress_ NDC_Template_Tunisia Appendixes

Fill in Tables CTF 10 and 11 in the file *"CTF_Tracking_Progress_ NDC_Template_Clean"*

Thank you!

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