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TRACKING PROGRESS IN A TABULAR FORMAT

ANNUAL PARTNERSHIP RETREAT 2019, BEIRUT, LEBANON

CYNTHIA ELLIOTT, WORLD RESOURCES INSTITUTE

TRACKING PROGRESS IN A TABULAR FORMAT

OUTLINE:

- Context & Parties' Views
- Key Decision Points
- Subsections of the MPGs on Tracking Progress
- Fulfilling the MPGs Through Enhanced Capacity –
New Tool for Tracking Progress



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CONTEXT & PARTIES' VIEWS

SOME RELEVANT DECISIONS

Decision 18/CMA.1 Para 12	Also requests SBSTA to develop... (a) Common reporting tables for the electronic reporting of the information referred to in chapter II, and common tabular formats for the electronic reporting of the information referred to in chapters III, V and VI , of the annex, taking into account the existing common tabular formats and common reporting formats
Annex, III. C. Para 77	Each Party shall provide the information referred to in paragraphs 65–76 above in a structured summary to track progress made in implementing and achieving its NDC under Article 4
Decision 4/CMA.1, Para 17	Decides that Parties shall account for their NDCs in their biennial transparency reports, including through a structured summary , consistently with the guidance provided pursuant to Article 13, paragraph 7(b), of the Paris Agreement and any relevant guidance adopted by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement
Annex, III. C. Para 79	Each Party shall report the information referred to in paragraphs 65–78 above in a narrative and common tabular format , as applicable. Such common tabular formats should accommodate all types of NDC under Article 4, as appropriate

EXISTING PRECEDENT FOR TABLES

III. Quantified economy-wide emission reduction target

4. Each Annex I Party shall describe its quantified economy-wide emission reduction target, including any conditions or assumptions that are relevant to the attainment of that target, as communicated to the secretariat and contained in document FCCC/SB/2011/INF.1/Rev.1 or any update to that document.

5. The description of the Party's economy-wide emission reduction target shall include the following information, taking into consideration any relevant decisions of the Conference of the Parties (COP):

- (a) Base year;
- (b) Gases and sectors covered;
- (c) Global warming potential values as established by the relevant decisions adopted by the COP;
- (d) Approach to counting emissions and removals from the land use, land-use change and forestry (LULUCF) sector, taking into consideration any relevant decisions adopted by the COP;
- (e) Use of international market-based mechanisms in achieving its emission reduction target, taking into consideration any relevant decisions adopted by the COP, including a description of each source of international units and/or allowances from market-based mechanisms and the possible scale of the contributions of each;
- (f) Any other information, including relevant accounting rules, taking into consideration any relevant decisions of the COP, where appropriate.

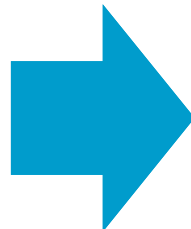


Table 2(a) Description of quantified economy-wide emission reduction target: base year ^a	
Party	Table 2(b) Description of quantified economy-wide emission reduction target: gases and sectors covered ^a
Base year	_____
Emission	Gases covered _____ Base year for each gas (year): _____
Period for	CO ₂ _____ CH ₄ _____ N ₂ O _____ HFCs _____ PFCs _____ SF ₆ _____ NF ₃ _____
^a Reporting treatment of reduction target	_____
^b Optimal	_____
Other gases	Table 2(c) Description of quantified economy-wide emission reduction target: global warming potential values (GWP) ^a
Sectors covered	Gases _____ GWP values ^b _____
Abbreviation of units from More IPCC should be used	CO ₂ _____ CH ₄ _____ N ₂ O _____ HFCs _____ PFCs _____ SF ₆ _____ NF ₃ _____
Reporting treatment of reduction target	Table 2(d) Description of quantified economy-wide emission reduction target: approach to counting emissions and removals from the LULUCF sector ^a
Abbreviation of units from More IPCC should be used	Role of LULUCF _____ LULUCF in base year level and target _____ Included _____ Excluded _____
Reporting treatment of reduction target	Table 2(e) Description of quantified economy-wide emission reduction target: market-based mechanisms under the Convention ^a
Abbreviation of units from More IPCC should be used	_____
Reporting treatment of reduction target	Table 2(e)i Description of quantified economy-wide emission reduction target: other market-based mechanisms ^a
Abbreviation of units from More IPCC should be used	_____
Reporting treatment of reduction target	Table 2(f) Description of quantified economy-wide emission reduction target: any other information ^{a,b}
Abbreviation of units from More IPCC should be used	_____
Reporting treatment of reduction target	_____

^a Reporting by a developed country Party on the information specified in the common tabular format does not prejudice the position of other Parties with regard to the treatment of units from market-based mechanisms under the Convention or other market-based mechanisms towards achievement of quantified economy-wide emission reduction targets.

^b This information could include information on the domestic legal status of the target or the total assigned amount of emission units for the period for reaching a target. Some of this information is presented in the narrative part of the biennial report.

OVERARCHING CONSIDERATIONS OF PARTIES

- In designing CTF, Parties should respect/reflect the core principles: improvement overtime, TACCC, no double counting, no backsliding, no undue burden, facilitative and non intrusive
- CTF should facilitate CTU and comparability and support reviewers
- CTF should accommodate every Party and all NDCs
- CTF should take into account full implementation of flexibility
- There must be consistency between legal nature of text (shall, should, etc) and legal nature of tables; no renegotiation of PA or KD
- Formats should allow Parties to indicate if flexibility is applied; clarify capacity constraints; and provide self-determined estimates of time frames for improvements
- CTF should enable aggregation and facilitate compilation and can also be used in national decision making
- CTF can allow quantitative but also allow qualitative information
- CTF support regular reporting for art 6 use
- Reporting in tables should be efficient and fit for purpose
- In some cases, Parties can use existing tables as a starting point

FURTHER CONSIDERATIONS OF PARTIES SPECIFIC TO TRACKING PROGRESS

- It should not be mandatory that Parties use CRF for tracking progress so as not to compromise transparency and completeness (*para 79 - as appropriate*)
- Tables may look different if developing countries choose not to provide optional information
- At least one Party noted that if developed countries don't continue to use BR CTFs (*adjusted for MPGs*) it would be counter to the principle of progression
- Dev'd use BR tables 1 - 6C (otherwise not progression)
- use NA for not applicable
- Several Parties include specific suggestions for tables in their submissions

KEY DECISION POINTS

- What requirements are captured in tables, what is left for narrative
- How to accommodate use of flexibility
- How to accommodate situations of non-applicability or reporting that is optional
- How to capture selection of flexibility and capacity needs
- How to build on existing tables
- Is the structured summary a table or a narrative or both
- What to do about 77d and capturing article 6 information
- Organization of information in the tables, annotations, footnotes



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SUBSECTIONS AT A GLANCE

PART III A. NATIONAL CIRCUMSTANCES AND INSTITUTIONAL ARRANGEMENTS

- Not currently required under BR and BUR guidelines, but captured in NC
- Focus on descriptive information (not likely quantitative in nature)
- Not well-suited to common tabular format due to the need for lengthy narrative, graphs and charts, and the very unique national circumstances of each Party

PART III B. DESCRIPTION OF A PARTY'S NDC UNDER ARTICLE 4, INCLUDING UPDATES

- BRs have seven tables for descriptive information on economy-wide emission reduction targets
- Divergent views as to whether this information should be reported in tabular format
- Some Parties envision specific elements (64.a - target, description and target type) to be captured in the structured summary as they directly relate to indicators
- Most of the information requested could be presented simply and organized into tables in order to facilitate transparency, consistency, comparability and efficiency for reviewers

PART III C. INFORMATION NECESSARY TO TRACK PROGRESS MADE IN IMPLEMENTING AND ACHIEVING ITS NDC

- What *is* a structured summary and how does it fit into CTF? Is it tabular, graphical, narrative or a combination?
- As there are no existing tables to build from, Parties should start with the MPGs to help define the format
- Integrate information from 4/CMA.1 Annex II on accounting while avoiding duplication
- What about 77d?

PART III C. INFORMATION NECESSARY TO TRACK PROGRESS – WHAT ABOUT ACCOUNTING?

- 1 (b) **Provide information on their own methodology used if not covered by IPCC**
- 1 (c) Parties that draw on existing methods and guidance **provide information on how they have done so**
- 1 (d) **Provide information on methodologies used to track progress arising from the implementation of policies and measures**
- 1 (e) *Natural disturbances and managed lands*: **provide detailed information on the approach used and how it is consistent with relevant IPCC guidance or indicate the relevant section of the inventory**
- 1 (f) *Harvested wood products*: **provide detailed information on which IPCC approach has been used**
- 1 (g) *Age-class structure in forests*: **Provide detailed information on the approach used and how this is consistent with relevant IPCC guidance**
- 4. **Provide an explanation of why any categories of anthropogenic emissions or removals are excluded**

PART III C. INFORMATION NECESSARY TO TRACK PROGRESS MADE IN IMPLEMENTING AND ACHIEVING ITS NDC

**More conducive
to tabular format**

**More conducive
to narrative**



Information related
to indicators (paras
65 – 69, 77)

Assessment of
achievement
(para 70)

Descriptive information on
accounting approach and
methodologies (paras 71 – 75)

Succinct information
on accounting
approach and
methodologies
(paras 71 – 75)

Information on policies and
measures implemented to
address the social and
economic consequences of
response measures

PART III D. MITIGATION POLICIES AND MEASURES, ACTIONS AND PLANS, INCLUDING THOSE WITH MITIGATION CO-BENEFITS RESULTING FROM ADAPTATION ACTIONS AND ECONOMIC DIVERSIFICATION PLANS...

If Parties build on BR Table 3, some column headers can be kept, some new content would need to be added.

Table 3
Progress in achievement of the quantified economy-wide emission reduction target: information on mitigation actions and their effects

<i>Name of mitigation action^a</i>	<i>Sector(s) affected^b</i>	<i>GHG(s) affected</i>	<i>Objective and/or activity affected</i>	<i>Type of instrument^c</i>	<i>Status of implementation^d</i>	<i>Brief description^e</i>	<i>Start year of implementation</i>	<i>Implementing entity or entities</i>	<i>Estimate of mitigation impact (not cumulative, in kt CO₂ eq)</i>
									20XX ^f 2020

Note: The two final columns specify the year identified by the Party for estimating impacts (based on the status of the measure and whether an ex post or ex ante estimation is available).
Abbreviations: GHG = greenhouse gas; LULUCF = land use, land-use change and forestry.
^a Parties should use an asterisk (*) to indicate that a mitigation action is included in the 'with measures' projection.
^b To the extent possible, the following sectors should be used: energy, transport, industry/industrial processes, agriculture, forestry/LULUCF, waste management/waste, other sectors, cross-cutting, as appropriate.
^c To the extent possible, the following types of instrument should be used: economic, fiscal, voluntary agreement, regulatory, information, education, research, other.
^d To the extent possible, the following descriptive terms should be used to report on the status of implementation: implemented, adopted, planned.
^e Additional information may be provided on the cost of the mitigation actions and the relevant timescale.
^f Optional year or years deemed relevant by the Party.

(e.g. 83.a costs, 83.b non-GHG mitigation benefits, 83.c interactions...)

Common tabular formats table

Mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans

<i>Information shall be provided, to the extent possible (para. 82(a-i) of MPGs)</i>										<i>Information may be provided (para. 83(a-c) of MPGs)</i>		<i>Information shall be provided, to the extent possible. Those developing country Parties that need flexibility in the light of their capacities are encouraged to report such information (para. 85 of MPGs)</i>	
<i>Name</i>	<i>Description</i>	<i>Objectives</i>	<i>Type of instrument^a</i>	<i>Status^b</i>	<i>Sector(s) affected^c</i>	<i>Gases affected</i>	<i>Start year of implementation</i>	<i>Implementing entity or entities</i>	<i>Costs^d</i>	<i>Non-GHG mitigation co-benefits^e</i>	<i>Information on interactions of mitigation actions^f</i>	<i>Estimates of expected and achieved GHG emission reductions (not cumulative in kt CO₂ eq)^g</i>	
											<i>Target year(s) or period(s)</i>	<i>Other year(s)^h</i>	

Note: First (shaded) row will be removed when final version of CTF is prepared.

^a To the extent possible, the following types of instruments should be used: regulatory, economic, fiscal, information, research, education, voluntary agreement, other instruments.

^b To the extent possible, the following descriptive terms should be used to report on the status of implementation: planned, adopted or implemented.

^c To the extent possible, the following sectors shall be used: energy, transport, industrial processes and product use, agriculture, LULUCF, waste management, other sectors.

^d Information on costs may also be provided by the Party.

^e Information on non-GHG mitigation co-benefits may also be provided by the Party.

^f Information on how the mitigation actions interact with each other, as appropriate, may also be provided by the Party.

^g Each Party shall provide, to the extent possible, estimates of expected and achieved GHG emission reductions for its actions, policies and measures. Those developing country Parties that need flexibility in the light of their capacities with respect to this provision are encouraged to report this information.

^h Optional year or years deemed relevant by the Party.

PART III E. SUMMARY OF GREENHOUSE GAS EMISSIONS AND REMOVALS

- Discussion closely linked to sub-agenda item on CRT for national inventories
- Could disaggregate information by GHGs and sectors

Table 1 Emission trends: summary				Year Submission Country
GREENHOUSE GAS EMISSIONS	Base year ^a	1990	(Years 1991 to latest reported year)	Change from base to latest reported year
	(kt CO ₂ eq)			(%)
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				
Total (including LULUCF)				
Total (excluding LULUCF)				
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year ^a	1990	(Years 1991 to latest reported year)	Change from base to latest reported year
	(kt CO ₂ eq)			(%)
1. Energy				
2. Industrial processes				
3. Solvent and other product use				
4. Agriculture				
5. Land use, land-use change and forestry ^b				
6. Waste				
7. Other				
Total (including LULUCF)				

PART III F. PROJECTIONS AND G. OTHER INFO

- Cofacilitators note includes draft tables for projections (one table that can be used for all three types of projections) and key underlying assumptions and parameters
- Disclosing other information is at the discretion of each Party and could be anything; CTF is not necessary.



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CLIMATE IMPLEMENTATION TRACKER

OBJECTIVE

The tool intends to **assist in the tracking process of countries' climate actions in the context of NDCs**, contribute to transparent communication and help fulfill international reporting requirements, as well as inform decision-makers and relevant stakeholders.

It is designed to be **complementary to the MRV system**.

*The tool is developed under Tracking and Strengthening Climate Action -**TASCA project** to support national governments with tools and resources to track progress toward meeting their national climate commitments and to strengthen climate action.*

KNOWLEDGE BASE/METHODOLOGY

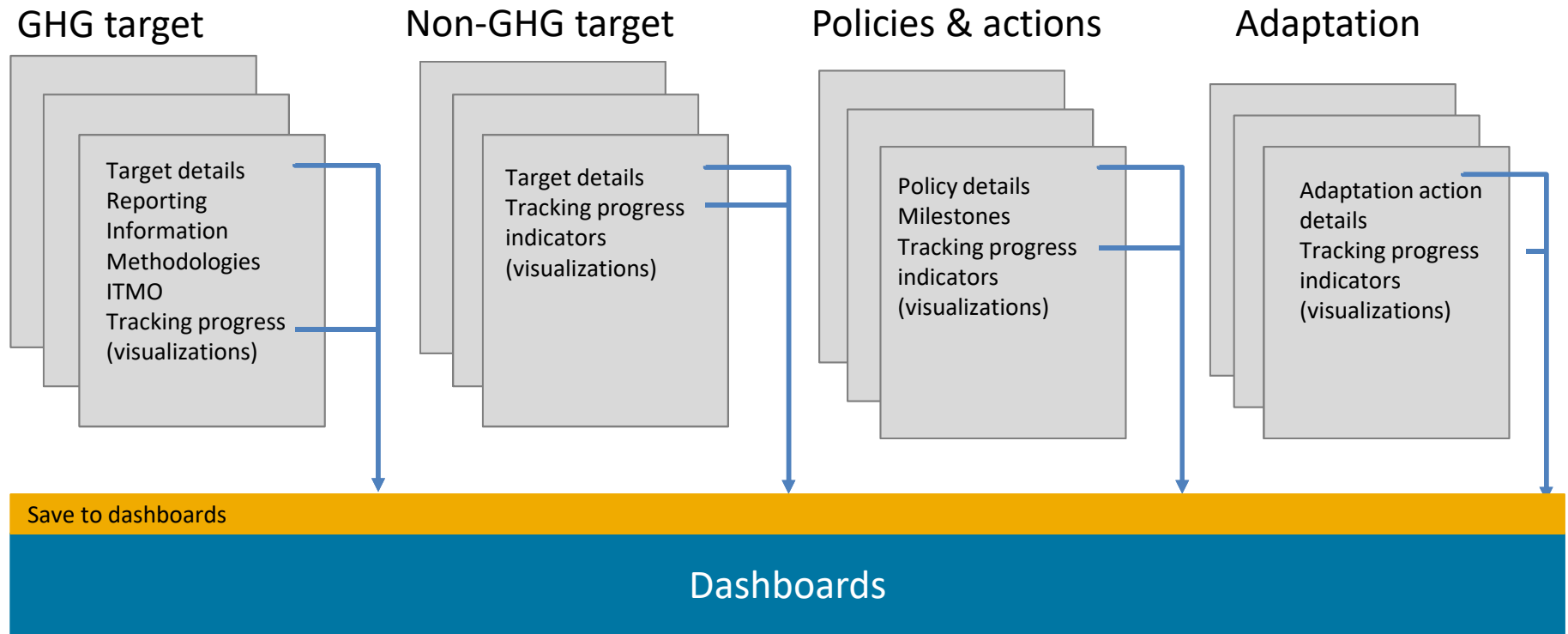
WRI has built a strong base of knowledge products, tools and resources in climate policy tracking, with a special focus on countries' post-2020 national climate plans.

Build on the various existing standards and methodology including **the GHGP Mitigation Goal standard, Policy and Actions standard, Climate Policy Implementation Tracking Framework and more.**

TARGET AUDIENCE & USE CASES

- **Governments:** step by step approach needed to gather information and assess progress of climate goals, policies, and actions.
- **International organizations that provide support for governments:** information on the county's commitments, and check milestones toward implementation, identify barriers and understand gaps.
- **Research institutes/NGO:** guidance to identify relevant information needed to account for mitigation goals, quantify the GHG emissions reductions of certain policy instruments, develop ambitious policy packages/scenarios, and more.

SCOPE & FEATURES



SCOPE & FEATURES

The tool is free to use to anyone

Excel-based, simple and intuitive (step-by-step approach to fill data)

Data are saved on the local computer

Insert data for specific sections and generate visualization

Save visualization to (customized) dashboards

CLIMATE IMPLEMENTATION TRACKER: DEMO



Climate Implementation Tracker

A tool to report, track, and communicate progress towards implementation of climate actions.



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Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

PURPOSE

The Climate Implementation Tracker offers a standardized, cost- and resource-effective platform to track the implementation and effects of climate policies and actions. The Tracker assists users in reporting, tracking, and communicating progress towards climate commitments using existing standards and best practice.

GENERAL INSTRUCTIONS

There are 4 types of climate actions that can be reported and tracked in the tool, including:

GHG Targets

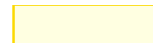
Non-GHG Targets

Policies & Actions

Adaptation Goals

Review the color & icon keys below, then go to the Dashboard to report climate actions to track. You can also use the menu above to navigate the workbook. **Note that the existing sheets in this tool cannot be renamed** (e.g., the Dashboard, Help, and sheets labeled (1)).

MENU




UPDATE MENU

IMPORTANT

Input data in all **LIGHT YELLOW** fields only - from **TOP TO BOTTOM**.

BRIGHT YELLOW fields have formulas and should **NOT** be edited unless prompted.

HELP

 Click the help icon at any time for more assistance.



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FEEDBACK ON THE TOOL

USEFULLNESS / RELEVANCE

How would you see this tool as a potential source to support your work relevant to tracking climate actions on national and subnational level?

NEEDS

What are your most urgent needs related to tracking NDC implementation?

SCOPE / FUNCTIONALITIES

What kind of functionalities would be most useful to have for this tool?



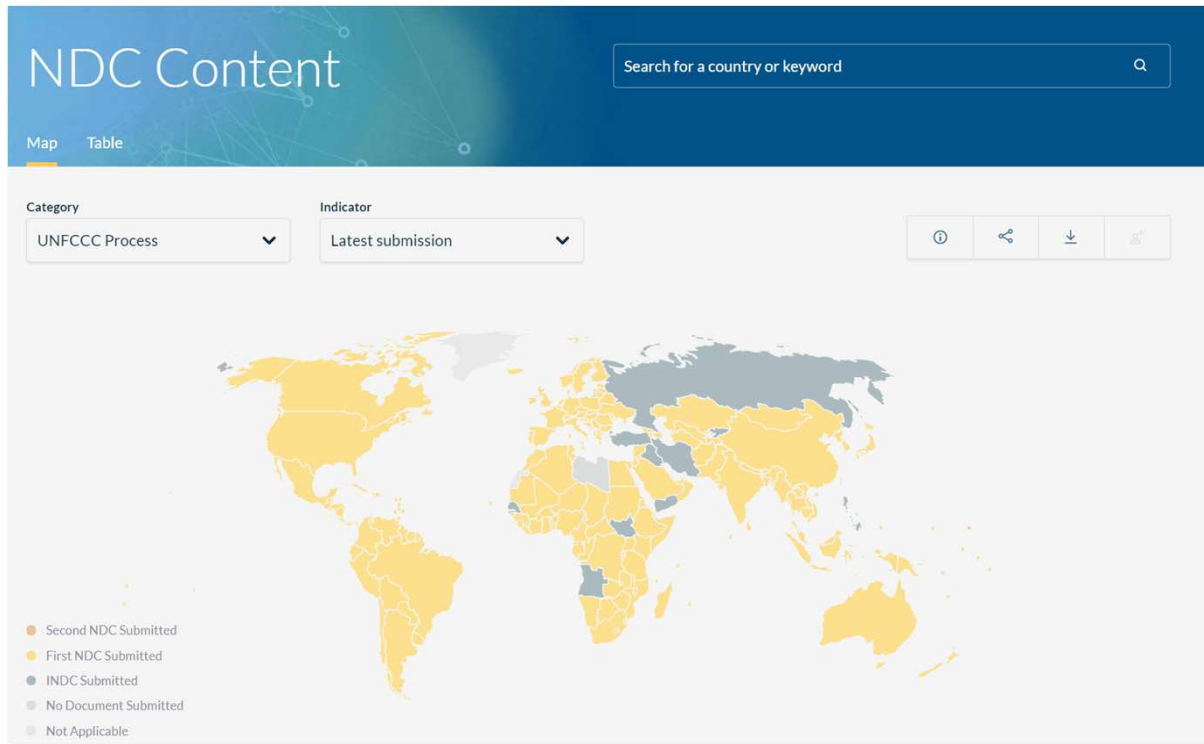
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THANK YOU!

Contact: CElliott@wri.org

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CLIMATEWATCHDATA.ORG



PART III C. INFORMATION NECESSARY TO TRACK PROGRESS MADE IN IMPLEMENTING AND ACHIEVING ITS NDC

- Target level information
- Emissions and Removals
- Net Land Sector
- Information on any relevant metrics
- ITMOS
- Accounted Emissions
- Accounting Balance

ACCOUNTING LINE ITEMS	1	2	3	4	5	6	7
	IMPLEMENTATION PERIOD						TARGET YEAR
	2020	2021	2022	2028	2029	EXAMPLE: 2030
I. CALCULATE THE TARGET LEVEL OF EMISSIONS							
II. CALCULATE ACCOUNTED EMISSIONS							
Emissions and removals (MtCO ₂ e)							
Net land sector emissions/removals (MtCO ₂ e) ^c							
For intensity targets							
H	Level of GDP or other metric						
	Calculation of emissions intensity = D / H						
I	For Parties that calculate the change in land sector emissions and removals separately from other sectors = (E + G) / H						
Internationally Transferred Mitigation Outcomes (ITMOs) (MtCO₂e)^d							
J	Total ITMOs used						
K	Total ITMOs transferred						
L	Net ITMOs used = J - K						
Accounted emissions							
III. ACCOUNTING BALANCE: Calculate difference between the target level of emissions and accounted emissions to determine whether target was achieved (MtCO₂e)							