# Reporting Common Tabular Formats (CTFs) in Biennial Transparency Reports (BTRs)

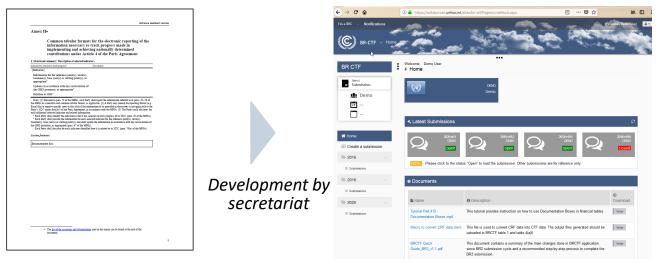
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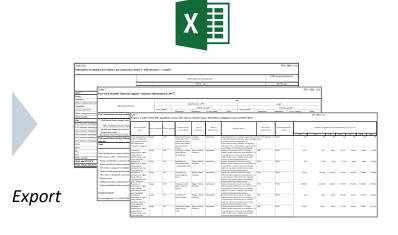


#### What are the CTFs?

- ✓ CTFs (Common Tabular Formats) are reporting formats that Parties shall use to report the information required in the MPGs for the BTRs.
- ✓ CTFs for action and support were adopted at COP26 and contained in **Annex II and III of the CMA decision**, respectively.
- ✓ Parties are expected to use a software (reporting tool) to prepare the CTFs. The software is supposed to be developed by the secretariat by June 2024, including a trial period using a test version developed by June 2023.







CTFs to be submitted to the UNFCCC



CMA decision

#### Structure of CTFs to track progress of NDCs

Mitsubishi UFJ Research and Consulting

✓ CTFs to track progress of NDCs consist of 12 (+1 appendix) tables.

Annex II CTFs for the information necessary to track progress made in implementing and achieving NDCs under Article 4 of the Paris Agreement

III. E III. B III. C III. D III. F **Description of a Party's Summary of GHG** Information necessary to track progress made in Mitigation policies and **Projections of GHG emissions and removals** implementing and achieving its NDC measures, actions and emissions and NDC plans removals 12. Appendix Structured Summary Summary of Projections of key Information on Information necessary Mitigation policies and Description of a Party's greenhouse gas projections of GHG indicators to track progress on measures, actions and NDC emissions and emissions and the implementation removals removals under a and achievement of 11. 'with measures' Description of the domestic policies Key underlying selected indicators scenario and measures assumptions and implemented to parameters used for address the social and projections economic Information on Definitions needed consequences of projections of GHG to understand NDC response measures emissions and removals under a 'with additional Methodologies and measures' scenario accounting approaches Information on projections of GHG Tracking progress emissions and made in removals under a ✓ Structured summary consists implementing and 'without measures' of four tables, which report achieving the NDC scenario the information referred to in paras.65-78 of the MPGs.

#### **Structured Summary 1. Description of selected indicators**

- ✓ This table is for describing the indicator(s) selected to track the progress of the NDC. (MPGs para.65)
- ✓ For structured summary tables, a Party may amend the reporting format to remove specific rows if the information to be provided in those rows is not applicable to its NDC.

✓ A Party could add rows for each additional selected indicator and related information Indicator(s) selected to track progress<sup>a</sup>

Description

{Indicator}

Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate<sup>b</sup>

Updates in accordance with any recalculation of the GHG inventory, as appropriate<sup>b</sup>

Relation to NDC<sup>c</sup>



#### **Structured Summary 2. Definitions needed to understand NDC**

√ This table is for providing definitions needed to understand a Party's NDC. (MPGs para.73).

✓ If sectors or categories covered by NDC are different from those in the NIR, a Party shall provide that information here.

✓ These rows are relevant to a Party with an NDC including mitigation co-benefits of adaptation actions and/or economic diversification plans.

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



#### Structured Summary 3. Methodologies and accounting approaches (1)

- ✓ This table is for providing a description of the methodologies and accounting approaches of NDC (MPGs para.74 & 75).
- ✓ Reporting requirements in this table are based on **not only the MPGs but also Decision 4/CMA.1 (Accounting guidance of NDC).**

Description or reference to the relevant section of the BTR

✓ General structure of this table is as below.

Reporting requirement

Λ.	100	accounting annuagely for the Guet NDC	
Α	ACC	ecounting approach for the first NDC	
В	Acc	ecounting approach for the second and subsequent NDC	
		Consistency with IPCC methodology and GHG inventory Avoidance of over or under-estimation, etc.	
	For	or each NDC under Article 4	
<b>C-1</b>		Accounting for emissions and removals	
		Methodologies, key parameters and assumptions, IPCC guidelines, metrics, etc.	
<b>C-2</b>		Ensuring methodological consistency, between the communication and implementation of NDCs	
		Consistency of scope, coverage, and methodologies, etc. Technical changes	
<b>C-3</b>		Striving to include all categories of anthropogenic emissions or removals in the NDC	
		Efforts to include and continue to include all categories in the NDC	
<b>C-4</b>		Information on cooperative approaches	
5		Methodologies How each cooperative approach promotes sustainable development and ensures environmental integrity How each cooperative approach avoids double counting	

#### Structured Summary 3. Methodologies and accounting approaches (2)

For the first NDC, a Party can report only this row because the accounting guidance of NDC shall be applied to the second and subsequent NDCs.

Accounting approach for the first NDC

В

Accounting approach for the first NDC

✓ From the second NDCs, a
 Party shall report these rows.

 ✓ A Party may report these rows for the first NDC.

Reporting requirement	Description or reference to the relevant section of the BTR						
For the first NDC under Article 4: <sup>a</sup>							
Accounting approach, including how it is consistent with Article 4, paragraphs 13–14, of the Paris Agreement (para. 71 of the MPGs)	General description of accounting approach						
For the second and subsequent NDC under Article 4, and optionally for the first NDC under Article 4: <sup>b</sup>							
Information on the accounting approach used is consistent with paragraphs 13–17 and annex II of decision 4/CMA.1 (para. 72 of the MPGs)	General description of accounting approach						
Explain how the accounting for anthropogenic emissions and removals is in accordance with methodologies and common metrics assessed by the IPCC and in accordance with decision 18/CMA.1 (para. 1(a) of annex II to decision 4/CMA.1)	Adherence to methodologies and common metrics by the IPCC and the MPGs						
Explain how consistency has been maintained between any GHG data and estimation methodologies used for accounting and the Party's GHG inventory, pursuant to Article 13, paragraph 7(a), of the Paris Agreement, if applicable (para. 2(b) of annex II to decision 4/CMA.1)	GHG inventory						
Explain how overestimation or underestimation has been avoided for any projected emissions and removals used for accounting (para. 2(c) of annex II to decision 4/CMA.1)	Approach used to avoid overestimation or underestimation of projection (baselines)						



#### **Structured Summary 3. Methodologies and accounting approaches (3)**

For each NDC under Article 4

**C-1** 

Accounting for emissions and removals

Reporting requirement	Description or reference to the relevant section of the BTR
For each NDC under Article 4:c	
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)	Methodology used to assess the implementation and achievement of the target(s)
Each methodology and/or accounting approach used for the construction of any baseline, to the extent possible (para. 74(b) of the MPGs)	Methodology used for the construction of baseline
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 the tables 4 and 5 (para. 74(c) of the MPGs)	Methodology used to assess the implementatio and achievement of the target(s) (if the methodology used for the indicators in Table 1 is different from those used for Table 4)
Any conditions and assumptions relevant to the achievement of the NDC under Article 4, as applicable and available (para. 75(i) of the MPGs)	Any conditions and assumptions for the achievement of NDC
Key parameters, assumptions, definitions, data sources and models used, as applicable and available (para. 75(a) of the MPGs)	Key parameters, assumptions, definitions, data sources and models used
IPCC Guidelines used, as applicable and available (para. 75(b) of the MPGs)	IPCC guidelines used
Report the metrics used, as applicable and available (para. 75(c) of the MPGs)	Metrics used



#### Structured Summary 3. Methodologies and accounting approaches (4)

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 (If NDC cannot be accounted for by IPCC information on their own methodology used, methodologies) including for NDCs, pursuant to Article 4, paragraph Information on own methodologies used 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 Methodologies to track progress of PaMs and measures, as appropriate (para. 1(d) of annex II to decision 4/CMA.1) Where applicable to its NDC, any sector-, categoryor activity-specific assumptions, methodologies and Any sector-, category- or activity-specific approaches consistent with IPCC guidance, taking assumptions, methodologies and into account any relevant decision under the approaches 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 Approach to address natural disturbances 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 **Approach to account for HWPs** 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 Approach to address the effects of agethe approach used and how this is consistent with class structure in forests relevant IPCC guidance, as appropriate (para. 1(g) of annex II to decision 4/CMA.1, para. 75(d)(iii) of the

Accounting for emissions and removals



MPGs)

#### Structured Summary 3. Methodologies and accounting approaches (5)

Description or reference to the relevant section of the BTR Reporting requirement How the Party has drawn on existing methods and guidance established under the Convention and its Information on existing methods and guidance under the Convention used related legal instruments, as appropriate, if applicable (para. 1(c) of annex II to decision 4/CMA.1) Any methodologies used to account for mitigation co-Methodologies used to account for mitigation benefits of adaptation actions and/or economic co-benefit diversification plans (para. 75(e) of the MPGs) Describe how double counting of net GHG emission reductions has been avoided, including in accordance Approaches to avoid double counting 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) Any other methodologies

Accounting for emissions and removals



#### **Structured Summary 3. Methodologies and accounting approaches (6)**

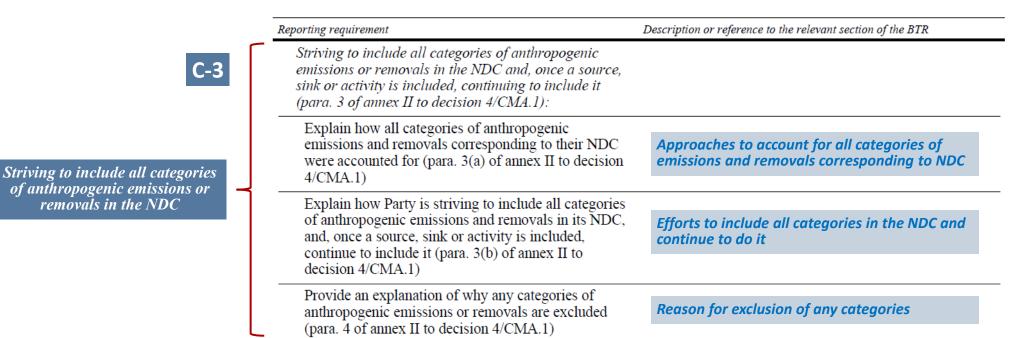


Ensuring methodological consistency, between the communication and implementation of NDCs

Reporting requirement	Description or reference to the relevant section of the BTR						
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 and implementation of NDCs (para. 2(a) of annex II to decision 4/CMA.1)	Consistency between communication and implementation of NDC in relation to scope, coverage, definitions, data sources, metrics, assumptions and methodological approaches						
Explain how consistency has been maintained between any GHG data and estimation methodologies used for accounting and the Party's GHG inventory, pursuant to Article 13, paragraph 7(a), of the Paris	✓ Consistency of GHG data and estimation methodologies between accounting and						
Agreement, if applicable (para. 2(b) of annex II to decision 4/CMA.1) and explain methodological inconsistencies with the Party's most recent national inventory report, if applicable (para. 76(c) of the	GHG inventory ✓ Explanation of methodological inconsistency						
MPGs)							
For Parties that apply technical changes to update reference points, reference levels or projections, the changes should reflect either of the following (para. 2(d) of annex II to decision 4/CMA.1):	For Parties applying technical changes,						
Technical changes related to technical corrections to the Party's inventory (para. 2(d)(i) of annex II to decision 4/CMA.1)	Technical corrections to GHG inventory						
Technical changes related to improvements in accuracy that maintain methodological consistency (para. 2(d)(ii) of annex II to decision 4/CMA.1)	Improvements in accuracy						
Explain how any methodological changes and technical updates made during the implementation of their NDC were transparently reported (para. 2(e) of annex II to decision 4/CMA.1)	How the technical changes were transparently reported						



#### Structured Summary 3. Methodologies and accounting approaches (7)





removals in the NDC

### **Structured Summary 3. Methodologies and accounting approaches (8)**



Information on cooperative approaches

Reporting requirement	Description or reference to the relevant section of the BTR
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	
Provide information on any methodologies associated with any cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 (para. 75(f) of the MPGs)	Methodologies for cooperative approaches
Provide information on how each cooperative approach promotes sustainable development, consistent with decisions adopted by the CMA on Article 6 (para. 77(d)(iv) of the MPGs)	How each cooperative approach promotes sustainable development
Provide information on how each cooperative approach ensures environmental integrity consistent with decisions adopted by the CMA on Article 6 (para. 77(d)(iv) of the MPGs)	How each cooperative approach ensures environmental integrity
Provide information on how each cooperative approach ensures transparency, including in governance, consistent with decisions adopted by the CMA on Article 6 (para. 77(d)(iv) of the MPGs)	How each cooperative approach ensures transparency
Provide information on how each cooperative approach applies robust accounting to ensure, inter alia, the avoidance of double counting, consistent with decisions adopted by the CMA on Article 6 (para. 77(d)(iv) of the MPGs)	How each cooperative approach avoids double counting
Any other information consistent with decisions adopted by the CMA on reporting under Article 6 (para. 77(d)(iii) of the MPGs)	Any other information



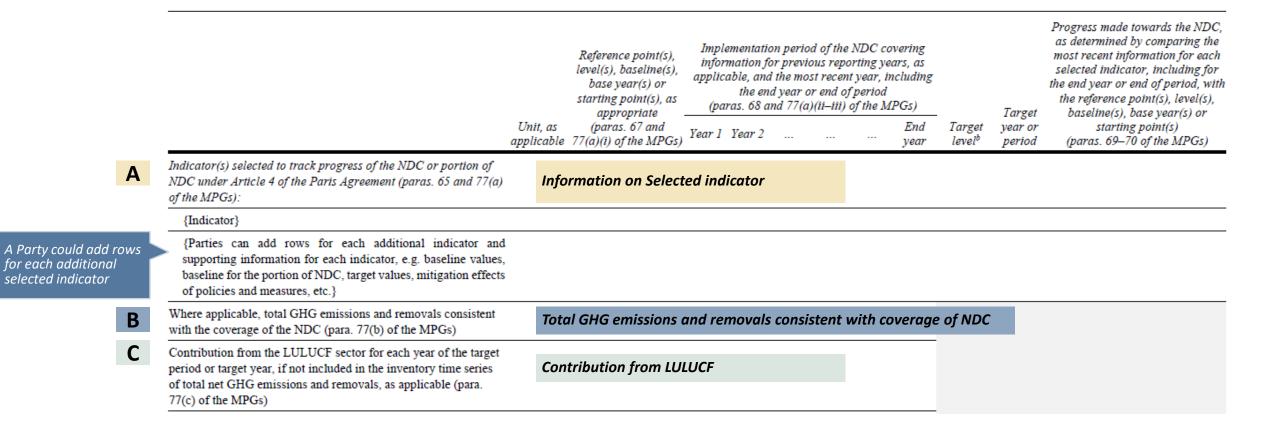
## Structured Summary 4. Tracking progress made in implementing and achieving the NDC (1)

- ✓ This table is for reporting progress made in implementing and achieving the NDC (MPGs para.77)
- ✓ General structure of this table is as below.

			Reference point(s), baseline(s), base year(s), etc.	NDC				T	Target	the NDC
		unit		Year 1	Year 2		End year	Target level	year or period	(comparison between most recent information and the reference point(s) etc.)
Α	Indicator(s) selected to track progress of the NDC									
	{Indicator}									
	Additional rows for each additional indicator and supporting information									
В	Total GHG emissions and removals consistent with the coverage of the NDC									
C	Contribution from the LULUCF									
D	Information on cooperative approaches									
	<ul> <li>✓ Annual quantity of ITMOs first transferred</li> <li>✓ Annual quantity of ITMOs used towards achievement of the NDC</li> <li>✓ Total quantitative corresponding adjustments, etc.</li> </ul>									
Ε	Assessment of the achievement of the Party's NDC									
	<ul> <li>✓ Final information for the indicator for the target year/period</li> <li>✓ Comparison</li> <li>✓ Achievement of NDC</li> </ul>									



## Structured Summary 4. Tracking progress made in implementing and achieving the NDC (2)





### Structured Summary 4. Tracking progress made in implementing and achieving the NDC (3)

A Party that participate in cooperative approaches shall report

Reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate

Unit, as (paras. 67 and applicable 77(a)(i) of the MPGs)

Implementation per information for prevaplicable, and the mend year (paras. 68 and 77(a) (a) (b) of the MPGs)

Implementation period of the NDC covering information for previous reporting years, as applicable, and the most recent year, including the end year or end of period (paras. 68 and 77(a)(ii-iii) of the MPGs)

the e the Target b year or period (p

Target

 $level^b$ 

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)



Each Party that participates in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 of the Paris Agreement, or authorizes the use of mitigation outcomes for international mitigation purposes other than achievement of the NDC, shall provide (para. 77(d) of the MPGs):

If applicable, an indicative multi-year emissions trajectory, trajectories or budget for its NDC implementation period (para. 7(a)(i), annex to decision -/CMA.3)

If applicable, multi-year emissions trajectory, trajectories or budget for its NDC implementation period that is consistent with the NDC (para. 7(b), annex to decision -/CMA.3)

Annual anthropogenic emissions by sources and removals by sinks covered by its NDC or, where applicable, from the emission or sink categories as identified by the host Party pursuant to paragraph 9 of annex to decision -/CMA.3 (para. 23(a), annex to decision -/CMA.3) (as part of para. 77 (d)(i)

Annual anthropogenic emissions by sources and removals by

portion of its NDC in accordance with paragraph 10, annex to decision -/CMA.3 (para. 23(b), annex to decision -/CMA.3)

If applicable, annual level of the relevant non-GHG indicator that is being used by the Party to track progress towards the

sinks covered by its NDC or, where applicable, from the

Annual GHG emissions and removals covered by NDC

**Indicative multi-year emissions trajectory** 

Multi-year emissions trajectory or budget

or budget for a single-year NDC

for a multi-year NDC

Information on cooperative approaches

Annual GHG emissions and removals covered by NDC

Annual level of the relevant non-GHG indicator

Annual quantity of ITMOs first transferred (para. 23(c), annex to decision -/CMA.3) (para. 77(d)(ii) of the MPGs)

implementation and achievement of its NDC and was selected

pursuant to paragraph 65, annex to decision 18/CMA.1 (para.

23(i), annex, decision -/CMA.3)

Annual quantity of mitigation outcomes authorized for use for other international mitigation purposes and entities authorized to use such mitigation outcomes, as appropriate (para 23(d), annex to decision -/CMA.3) (para. 77(d)(ii) of the MPGs)

Annual quantity of ITMOs first transferred

Annual quantity of mitigation outcomes authorized for use for other international mitigation purposes



## Structured Summary 4. Tracking progress made in implementing and achieving the NDC (4)

Implementation period of the NDC covering most recent information for each Reference point(s), information for previous reporting years, as level(s), baseline(s), selected indicator, including for applicable, and the most recent year, including base year(s) or the end year or end of period, with the end year or end of period starting point(s), as the reference point(s), level(s), (paras. 68 and 77(a)(ii-iii) of the MPGs) baseline(s), base year(s) or appropriate Target starting point(s) (paras. 67 and Target vear or Year 1 Year 2 ... applicable 77(a)(i) of the MPGs) (paras. 69-70 of the MPGs)  $level^b$ period year Annual quantity of ITMOs used towards achievement of the NDC (para. 23(e), annex to decision -/CMA.3) (para. 77(d)(ii) Annual quantity of ITMOs used of the MPGs) Net annual quantity of ITMOs resulting from paras. 23(c)-(e), **Net annual quantity of ITMOs** annex to decision -/CMA.3 (para. 23(f), annex to decision -/CMA.3) If applicable, the cumulative amount of ITMOs, divided by the Average annual quantity of ITMOs number of elapsed years in the NDC implementation period (para. 7(a)(ii), annex to decision -/CMA.3) Total quantitative corresponding adjustments used to calculate the emissions balance referred to in para. 23(k)(i), annex to decision -/CMA.3, in accordance with the Party's method for **Total quantitative corresponding** applying corresponding adjustments consistent with section adjustments III.B, annex to decision -/CMA.3 (Application of corresponding adjustments) (para. 23(g), annex to decision -/CMA.3) The cumulative information in respect of the annual **Cumulative** information in respect of the information in para. 23(f), annex to decision -/CMA.3, as annual information applicable (para. 23(h), annex to decision -/CMA.3) For metrics in tonnes of CO2 eq. or non-GHG, an annual emissions balance consistent with chapter III.B (Application of **Annual emission balance** corresponding adjustment), annex, decision -/CMA.3 (para. 23(k)(1), annex to decision -/CMA.3) (as part of para. 77 (d)(11) of the MPGs) For metrics in non-GHG, for each non-GHG metric determined by participating Parties, annual adjustments resulting in an Annual adjustment for metrics in nonannual adjusted indicator, consistent with para. 10 of chapter GHG III.B (Corresponding adjustments), annex to decision -/CMA.3, and future guidance to be adopted by the CMA (para. 23(k)(ii), annex to decision -/CMA.3) Any other information consistent with decisions adopted by the **Any other information** CMA on reporting under Article 6 (para. 77(d)(iii) of the MPGs)



Progress made towards the NDC, as determined by comparing the

Information on

cooperative

approaches

## Structured Summary 4. Tracking progress made in implementing and achieving the NDC (5)

Progress made towards the NDC, as determined by comparing the Implementation period of the NDC covering most recent information for each Reference point(s), information for previous reporting years, as level(s), baseline(s), selected indicator, including for applicable, and the most recent year, including the end year or end of period, with base year(s) or the end year or end of period the reference point(s), level(s), starting point(s), as (paras. 68 and 77(a)(ii-iii) of the MPGs) baseline(s), base year(s) or appropriate Target (paras. 67 and Unit, as Target Endyear or starting point(s) Year 1 Year 2 applicable 77(a)(i) of the MPGs) level<sup>b</sup> period (paras. 69-70 of the MPGs) Assessment of the achievement of the Party's NDC under Article 4 of the Paris Agreement (para, 70 of the MPGs): **Target** Restate the target of the Party's NDC: Information for reference point(s), level(s), baseline(s), base Reference point, baseline, base year etc. year(s), or starting point(s): Final information for the indicator for the target year/period, including the application of the necessary corresponding adjustments consistent with chapter III, annex, decision Final information for the indicator -/CMA.3 (Corresponding adjustments) and consistent with future decisions from the CMA (para. 23(1), annex to decision -/CMA.3): **Comparison** Comparison: **Achievement of NDC** Achievement of NDC: {yes/no, explanation}



Ε

Assessment of achievement

of the Party's

**NDC** 

#### **Towards BTR1 submission**

#### What we need to do next:

- ✓ Understand the structure and reporting elements of the CTFs. (In doing this, need to review not only the MPGs but also the NDC accounting guidance and the Article 6.2 guidance.)
- ✓ Identify any additional information or data that are needed.
- ✓ Consider a national system and preparation process for reporting the CTFs.
- ✓ Do a brainstorming and exercise on how each cell in the CTFs can be filled out (Mutual learning could be one of effective approaches)



**Asian Transparency Workshop 2021** 

Reporting Common Tabular Formats (CTFs) in Biennial Transparency Reports (BTRs)

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