

Common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

Informal note by the co-facilitators

Note: The draft elements contained in this informal note have been prepared by the co-facilitators of the informal consultations on this agenda sub-item under their own responsibility. The draft elements have been drawn from views submitted by Parties, and further discussion among Parties, prior to and during the first sessional period of the Subsidiary Body for Scientific and Technological Advice in 2021. The elements are not exhaustive, have no formal status and should not be considered final in any way. They are intended to assist Parties in advancing discussions on this matter and do not prejudice further work or prevent Parties from expressing their views at any time.

Elements discussed at the informal consultations

1. The informal consultations on Subsidiary Body for Scientific and Technological Advice (SBSTA) agenda sub-item 14(b) on common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions (NDCs) under Article 4 of the Paris Agreement were held during the first sessional period of the 2021 sessions of the SBSTA. They were co-facilitated by Xiang Gao (China) and Helen Plume (New Zealand).
2. The secretariat presented a summary of progress in developing the common tabular formats, including examples for reporting mitigation policies and measures, actions and plans, such as those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, projections of greenhouse gas emissions and removals, key underlying assumptions and parameters used for projections, and information necessary to track progress of the implementation and achievement of the domestic policies and measures implemented to address the social and economic consequences of response measures. The examples are based on the informal note by the co-facilitators from 26 June 2019 (SBSTA 50).¹ Parties welcomed the inclusion of the aforementioned examples in the informal note but, owing to time constraints, did not have an opportunity to discuss them in detail during this sessional period.
3. Parties discussed the structured summary stipulated in decision 18/CMA.1, annex, paragraphs 65–77, on the modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement (MPGs). To facilitate the discussion, the co-facilitators prepared and shared with Parties a visual tool with options, examples and elements of the structured summary. This tool has no status and was prepared under the co-facilitators' own responsibility without prejudging the final outcome of the negotiations.
4. The co-facilitators reiterate the views of Parties that the common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving NDCs under Article 4 of the Paris Agreement need to accommodate all types of NDCs, reflect the country-driven nature of NDCs and accommodate the reporting of both qualitative and quantitative information, including numerical values, textual description and agreed notation keys, as applicable, and that these common tabular formats will reflect the specific flexibility provisions provided in the MPGs for those developing country Parties that need it in the light of their capacities. The co-facilitators noted that some Parties highlighted paragraph 89 of decision 1/CP.21 in this regard.

¹ Available at https://unfccc.int/sites/default/files/resource/SBSTA50.IN_i10b_0.pdf.

5. The co-facilitators recalled that, in accordance with Article 13, paragraphs 14–15, of the Paris Agreement, support shall be provided to developing country Parties for the implementation of Article 13 and the building of transparency-related capacity on a continuous basis.

6. On the basis of submissions received before and during the sessional period, views expressed by Parties and groups of Parties during the sessional period, and the informal note by the co-facilitators from 26 June 2019, the co-facilitators have prepared examples with possible elements that could advance the discussions on developing common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving NDCs. These examples are presented in the annexes.

7. The co-facilitators are cognizant of the views of some Parties that the structured summary is not necessarily and only a table, and that Parties could use different formats (i.e. tabular, graphical or textual) or a combination of these formats, as applicable, to achieve effective reporting of information in a structured and transparent manner. Some Parties are of the view that the structured summary is necessarily a tabular format given that the elements requested in paragraph 77 of the MPGs refer to substantial quantitative information.

8. On the basis of the submissions from some groups of Parties, the co-facilitators have included examples for the option to report a structured summary using a combination of different formats, such as tabular, graphical or textual, as applicable for Parties. Some other Parties and groups of Parties expressed concern regarding the aforementioned option and reiterated that the mandate given to the SBSTA is to develop common tabular reporting formats for the electronic reporting of the information necessary to track progress made in implementing and achieving NDCs under Article 4 of the Paris Agreement. Several Parties stressed that the options and examples presented are fully aligned with decision 18/CMA.1 and the mandate for this agenda sub-item. Other Parties stressed that some options and examples presented are not aligned with decision 18/CMA.1 and/or the mandate for this agenda sub-item.

9. Options and examples with possible elements presented in the annexes have been prepared by the co-facilitators on this matter under their own responsibility. The options and examples are not exhaustive, have no formal status and should not be considered final in any way. They are offered to assist Parties in advancing the discussions on this matter and do not prejudice further work or prevent Parties from expressing their views at any time.

10. The examples for the electronic reporting of the information necessary to track progress made in implementing and achieving NDCs under Article 4 of the Paris Agreement, which do not prejudice the positions of Parties stated in paragraphs 7–8 above, include:²

(a) A structured summary, including a description of selected indicators; definitions needed to understand NDCs; methodologies and accounting approaches – consistent with Article 4, paragraphs 13–14, of the Paris Agreement and decision 4/CMA.1; methodologies and accounting approaches – target(s), construction of baseline(s) and indicator(s); and tracking progress made in implementing and achieving NDCs under Article 4 of the Paris Agreement, as stipulated by paragraphs 65–77 of the MPGs. For the structured summary, two high-level options are proposed. In one option the principal means of reporting is through common tabular formats, supplemented by information provided in the biennial transparency report. Another option is a combination of different formats, such as tabular, graphical and textual, as applicable for Parties (see annex I);

(b) Mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, as stipulated by paragraphs 80–90 of the MPGs (see annex II);

(c) Projections of greenhouse gas emissions and removals, as stipulated by paragraphs 92–102 of the MPGs (see annex III);

² Parties welcomed the inclusion of these examples in the informal note but, owing to time constraints, did not have an opportunity to discuss examples (b–e) in detail during this sessional period.

(d) Projections of key indicators and key underlying assumptions and parameters used to develop the projections, as stipulated by paragraphs 96(a) and 97 of the MPGs (see annex IV);

(e) Information necessary for tracking progress of the implementation and achievement of the domestic policies and measures implemented to address the social and economic consequences of response measures, as stipulated by paragraph 78 of the MPGs (see annex V).

11. The co-facilitators noted that development of the common tabular format for the summary on greenhouse gas emissions and removals, as stipulated by paragraph 91 of the MPGs, should be informed by the outcome of the discussion under the SBSTA agenda sub-item on common reporting tables for the electronic reporting of the information in the national inventory reports of anthropogenic greenhouse gas emissions by sources and removals by sinks.

12. The co-facilitators would like to emphasize that the examples, options and elements presented in the annexes represent their best effort to capture Parties' views, which are in some cases divergent, on particular elements under the circumstances of conducting this sessional period virtually. The co-facilitators are aware that work is needed to further refine the examples, options and elements in order to fulfil the mandate in decision 18/CMA.1, paragraph 12(a), in relation to chapter III of the MPGs.

13. The co-facilitators recognize that some Parties favour developing a common tabular format for describing Parties' NDCs under Article 4 of the Paris Agreement, as stipulated in decision 18/CMA.1, annex, paragraph 64. The co-facilitators noted that there are examples for such a common tabular format in several submissions. Further deliberations are needed in this regard.

Annex I

Option 1: Common reporting format for a structured summary in accordance with paragraph 77 of annex to decision 18/CMA.1.

Examples for the common tabular formats for the structured summary

1. Structured summary: Description of selected indicators^a

Example for Parties that use same indicator(s) for tracking progress towards the implementation and achievement of NDC

Option 1:

<i>Indicator^{b,c}</i>	<i>Description and definitions^d</i>	<i>Relation to NDC^e</i>
{Indicator A}		

Abbreviations: NDC = nationally determined contributions under Article 4 of the Paris Agreement

^a Information shall be provided in a narrative and common tabular format, as applicable. {MPGs, p. 79}³

^b Each Party shall identify the indicator(s) that it has selected to track progress towards the implementation and achievement of its NDC under Article 4. {MPGs, p. 65}

^c Party can add a row for each additional selected indicator.

^d Indicators shall be relevant to a Party's NDC under Article 4, and may be either qualitative or quantitative. {MPGs, p. 65} Each Party shall provide any definitions needed to understand its NDC under Article 4, including those related to each indicator identified in paragraph 65. {MPGs, p. 73}

^e Each Party shall describe for each indicator identified how it is related to its NDC under Article 4. {MPGs, p. 76(a)}

Custom footnotes:

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³ Examples of CTF tables contain indication of relevant paragraphs from decision 18/CMA.1 Modalities, procedures and guidelines for the transparency framework for action and support referred to in Article 13 of the Paris Agreement (referred to as 18/CMA.1) and the Annex to that decision (referred to as MPGs) and explanatory notes, both provided in curly brackets, for easier referencing and understanding, and will be deleted once the final version of the CTF tables are prepared.

2. Structured summary: Description of selected indicators^a

Example for Parties that use same indicator(s) for tracking progress towards the implementation and achievement of NDC

Option 2:

<i>Indicator^{b,c}</i>	<i>Description</i>
{Indicator A}	
	Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s)
	Updates in accordance with the GHG inventory, if any
	Definitions needed to understand indicator ^d
	Relation to NDC ^e

Abbreviations: NDC = nationally determined contributions under Article 4 of the Paris Agreement

^a Information shall be provided in a narrative and common tabular format, as applicable. *{MPGs, p. 79}*

^b Each Party shall identify the indicator(s) that it has selected to track progress towards the implementation and achievement of its NDC under Article 4. *{MPGs, p. 65}*

^c Party can add rows for each additional selected indicator and related information.

^d Indicators shall be relevant to a Party's NDC under Article 4, and may be either qualitative or quantitative. *{MPGs, p. 65}* Each Party shall provide any definitions needed to understand its NDC under Article 4, including those related to each indicator identified in paragraph 65. *{MPGs, p. 73}*

^e Each Party shall describe for each indicator identified how it is related to its NDC under Article 4. *{MPGs, p. 76(a)}*

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3. Structured summary: Description of selected indicators^a

Example for Parties that use different indicators for tracking progress towards the implementation and achievement of NDC (please note that this example is following Option 1 from above, in case Option 2 will be selected as preferable, this example will be adjusted accordingly)

<i>Indicator^{b,c}</i>	<i>Description and definitions^d</i>	<i>Relation to NDC^e</i>
<i>Indicator(s) selected to track progress towards the implementation of the NDC:</i>		
{Indicator A}		
<i>Indicator(s) selected to track progress towards the achievement of the NDC:</i>		
{Indicator B}		

Abbreviations: NDC = nationally determined contributions under Article 4 of the Paris Agreement

^a Information shall be provided in a narrative and common tabular format, as applicable. *{MPGs, p. 79}*

^b Each Party shall identify the indicator(s) that it has selected to track progress towards the implementation or achievement of its NDC under Article 4. *{MPGs, p. 65}*

^c Party can add a row for each additional selected indicator.

^d Indicators shall be relevant to a Party's NDC under Article 4, and may be either qualitative or quantitative. *{MPGs, p. 65}* Each Party shall provide any definitions needed to understand its NDC under Article 4, including those related to each indicator identified in paragraph 65. *{MPGs, p. 73}*

^e Each Party shall describe for each indicator identified how it is related to its NDC under Article 4. *{MPGs, p. 76(a)}*

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4. Structured summary: Definitions needed to understand NDC^a

Definitions needed to understand NDC^b

Sector or category defined differently than in the national inventory report:^c

{ Sector }

{ Category }

Mitigation co-benefits of adaptation actions and/or economic diversification plans:^c

{ Mitigation co-benefit(s) }

Other relevant definitions:

{ ... }

Abbreviations: NDC = nationally determined contributions under Article 4 of the Paris Agreement

^a Information shall be provided in a narrative and common tabular format, as applicable. *{MPGs, p. 79}*

^b Each Party shall provide any definitions needed to understand its NDC under Article 4, including those related to any sectors or categories defined differently than in the national inventory report, or the mitigation co-benefits of adaptation actions and/or economic diversification plans. *{MPGs, p. 73}*

^c Party can add a row for each additional sector, category or mitigation co-benefits of adaptation actions and/or economic diversification plans.

Custom footnotes:

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5. Structured summary: Methodologies and accounting approaches – consistency with Article 4, paragraphs 13 and 14, of the Paris Agreement and with decision 4/CMA.1^a

Description

For the first NDC under Article 4:^b

Accounting approach

Consistency of accounting approach with Article 4, paragraphs 13 and 14, of the Paris Agreement

For the second and subsequent NDC under Article 4, and optionally for the first NDC under Article 4:^c

Consistency of reporting information referred to in chapter III.B and C of Annex to decision 18/CMA.1 with decision 4/CMA.1

Accounting for anthropogenic emissions and removals in accordance with methodologies and common metrics assessed by the Intergovernmental Panel on Climate Change (IPCC) and adopted by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement:

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 {Annex II decision 4/CMA.1 para 1 (a)}

For Parties whose NDC cannot be accounted for using methodologies covered by IPCC guidelines, provide information on their own methodology used, including for NDC pursuant to Article 4, paragraph 6, of the Paris Agreement, if applicable {Annex II decision 4/CMA.1 para 1 (b)}

Provide information on how the Party has drawn on existing methods and guidance established under the Convention and its related legal instruments, as appropriate, if applicable {Annex II decision 4/CMA.1 para 1 (c)}

Provide information on methodologies used to track progress arising from the implementation of policies and measures, as appropriate {Annex II decision 4/CMA.1 para 1 (d)}

For Parties that decide to 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 greenhouse

gas inventory report containing that information *{Annex II decision 4/CMA.1 para 1 (e)}*

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 *{Annex II decision 4/CMA.1 para 1 (f)}*

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 *{Annex II decision 4/CMA.1 para 1 (g)}*

Ensuring methodological consistency, including on baselines, between the communication and implementation of NDCs:

Explain how consistency has been maintained in in scope and coverage, definitions, data sources, metrics, assumptions and methodological approaches *{Annex II decision 4/CMA.1 para 2(a)}*

Explain how consistency has been maintained between any greenhouse gas data and estimation methodologies used for accounting and the Party's greenhouse gas inventory, pursuant to Article 13, paragraph 7(a), of the Paris Agreement, if applicable *{Annex II decision 4/CMA.1 para 2(b)}*

Explain how overestimation or underestimation has been avoided for any projected emissions and removals used for accounting *{Annex II decision 4/CMA.1 para 2 (c)}*

For Parties that apply technical changes to update reference points, reference levels or projections, the changes should reflect either of the following: {Annex II decision 4/CMA.1 para 2 (d)}

Changes in the Party's inventory *{Annex II decision 4/CMA.1 para 2 (d)(i)}*

Improvements in accuracy that maintain methodological consistency *{Annex II decision 4/CMA.1 para 2 (d)(ii)}*

Explain how any methodological changes and technical updates made during the implementation of their NDC were transparently reported. *{Annex II decision 4/CMA.1 para 2 (e)}*

Striving to include all categories of anthropogenic emissions or removals in the

nationally determined contribution and, once a source, sink or activity is included, continuing to include it:

Explain how all categories of anthropogenic emissions and removals corresponding to their NDC were accounted for *{Annex II decision 4/CMA.1 para 3 (a)}*

Explain how Party is striving to include all categories of anthropogenic emissions and removals in their NDC, and, once a source, sink or activity is included, continue to include it *{Annex II decision 4/CMA.1 para 3 (b)}*

Provide an explanation of why any categories of anthropogenic emissions or removals are excluded *{Annex II decision 4/CMA.1 para 4}*

Abbreviations: NDC = nationally determined contributions under Article 4 of the Paris Agreement

^a Information shall be provided in a narrative and common tabular format, as applicable. *{MPGs, p. 79}*

^b For the first NDC under Article 4, each Party shall clearly indicate and report its accounting approach, including how it is consistent with Article 4, paragraphs 13 and 14, of the Paris Agreement. *{MPGs, p. 71}*

^c For the second and subsequent NDC under Article 4, each Party shall provide information referred to in chapter III.B and C above consistent with decision 4/CMA.1. Each Party shall clearly indicate how its reporting is consistent with decision 4/CMA.1. *{MPGs, p. 72}* Each Party may choose to provide information on accounting of its first NDC consistent with decision 4/CMA.1. *{MPGs, p. 71}*

Custom footnotes:

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6. Structured summary: Methodologies and accounting approaches - target(s), construction of baseline(s) and indicator(s)^a

<i>Description of used methodologies and/or accounting approaches^b</i>		
<i>Target(s)</i>	<i>Construction of baseline</i>	<i>Indicator(s)</i>
Key parameters {MPGs, p. 75(a)}		
Assumptions {MPGs, p. 75(a)}		
Definitions {MPGs, p. 75(a)}		
Data sources {MPGs, p. 75(a)}		
Models used {MPGs, p. 75(a)}		
IPCC guidelines used {MPGs, p. 75(b)}		
Metrics used {MPGs, p. 75(c)}		
<p><i>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, including as applicable: {MPGs, p. 75(d)}</i></p>		
<p>The approach used to address emissions and subsequent removals from natural disturbances on managed lands {MPGs, p. 75(d)(i)}</p>		
<p>The approach used to account for emissions and removals from harvested wood products {MPGs, p. 75(d)(ii)}</p>		
<p>The approach used to address the effects of age-class structure in forests {MPGs, p. 75(d)(iii)}</p>		
<p>Methodologies used to estimate mitigation co-benefits of adaptation actions and/or economic diversification plans {MPGs, p. 75(e)}</p>		
<p>Methodologies associated with any cooperative approaches that involve the use of internationally transferred mitigation outcomes towards its NDC under Article 4, consistent with CMA guidance on cooperative approaches under Article 6 {MPGs, p. 75(f)}</p>		
<p>Methodologies used to track progress arising from the implementation of policies and measures {MPGs, p. 75(g)}</p>		
<p>Any other methodologies related to the NDC under Article 4 {MPGs, p. 75(h)}</p>		
<p>Any conditions and assumptions relevant to the achievement of the NDC under Article 4 {MPGs, p. 75(i)}</p>		
<p>Explain how the methodology in each reporting year is consistent with the methodology or methodologies used when communicating the NDC {MPGs, p. 76(b)}</p>		

Explain methodological inconsistencies with the most recent national inventory report, if applicable {MPGs, p. 76(c)}

Describe how double counting of net GHG emission reductions has been avoided, including in accordance with guidance developed in relation to Article 6, if relevant {MPGs, p. 76(d)}

Abbreviations: GHG = greenhouse gas, IPCC = Intergovernmental panel on climate change, NDC = nationally determined contributions under Article 4 of the Paris Agreement

^a Information shall be provided in a narrative and common tabular format, as applicable. {MPGs, p. 79}

^b As applicable and available. {MPGs, p. 75}

Custom footnotes:

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7. Structured summary: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement^{a,b}

Example for Parties that participates in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 of the Paris Agreement

	Unit	Reference point(s), level(s), baseline(s), base year(s) or starting point(s) {MPGs, paras. 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, paras. 68, 77(a)(ii–iii)}						Option 1 - comparison: Progress made in implementing the NDC, as determined by comparing the most recent information for each selected indicator with the reference point(s), level(s), baseline(s), base year(s) or starting point(s) {MPGs, para. 69}		Target level	Target year or period	Option 1 - comparison: Progress made in achieving the NDC, as determined by comparing information on the end year or end of period for each selected indicator with the reference point(s), level(s), baseline(s), base year(s) or starting point(s) {MPGs, para. 70}		Option 2 - comparison: Progress made in implementing and achieving 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) {MPGs, paras. 69, 70}	
			Year 1	Year 2	End year	Unconditional	Conditional			Unconditional	Conditional	Unconditional	Conditional
Option 1 – with Conditional/Unconditional																
Option 2 – without Conditional/Unconditional																
Indicator(s) selected to track progress towards the implementation <u>and/or</u> achievement of the NDC under Article 4 of the Paris Agreement: {MPGs, paras. 65, 77(a)}																
{Indicator A}																
Option 3 - comparison: {Comparison with reference point(s) for indicator A}																
{Parties can add rows for each additional indicator and supporting information for each indicator, e.g. baseline values, target values, mitigation effects of PaMs, etc.}																
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC {MPGs, para. 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, para. 77(c)}																
Total net GHG emission and removals, taking into account the contribution from the LULUCF																
Option 1 - ITMOs: Section of CTF table designated for providing relevant information for 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. This section, including necessary rows and columns and relevant information related to cooperative approaches will be developed consistently with relevant decisions by the CMA on Article 6 of the Paris Agreement after their adoption.																
Option 2 - ITMOs: 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: {MPGs, para. 77(d)}																
The annual level of anthropogenic emissions by sources and removals by sinks covered by the NDC on an annual basis reported biennially {MPGs, para. 77(d)(i)}																

An addition for ITMOs first transferred/transferred {MPGs, para. 77(d)(ii)}	
An addition for mitigation outcomes authorized for international mitigation purposes other than achievement of the NDC {MPGs, para. 77(d)(ii)}	
A subtraction for ITMOs used/acquired {MPGs, para. 77(d)(ii)}	
Option 1 - title: Net flow of ITMOs {obtained by effecting additions and subtraction of ITMOs reported above}	
Option 2 - title: The total quantity to be correspondingly adjusted, consistent with the Party's accounting approach	
An emission balance ^d {MPGs, para. 77(d)(ii)}	
Option 1 – any other information (for Option 2 please check documentation box below): Any other information consistent with decisions adopted by the CMA on reporting under Article 6: {MPGs, p. 77(d)(iii)}	
Option 1 – with information on non-market approaches: This section, including necessary rows and columns and relevant information related to non-market approaches will be developed consistently with relevant decisions by the CMA on Article 6 of the Paris Agreement after their adoption.	
Option 2 – without information on non-market approaches	
Option 1 – assessment of achievement: Assessment of the achievement of the NDC: For the first BTR that contains information on the end year or end of the period of its NDC under Article 4 of the Paris Agreement, each Party should provide an assessment of whether it has achieved the target(s) for its NDC under Article 4 of the Paris Agreement: {MPGs, para. 70}	
Option 2 – assessment of achievement: {this could be part of this table or presented as a separate table} Assessment of the achievement of the NDC:	
Target:	
Information for reference point(s), level(s), baseline(s), base year(s), or starting point(s):	
Final information for the target year/period:	
Comparison:	
Achievement of NDC: {yes/no, explanation}	

Abbreviations: NDC = nationally determined contributions under Article 4 of the Paris Agreement

^a Information shall be provided in a narrative and common tabular format, as applicable. {MPGs, p. 79}

^b This table should be used for each NDC target in case Party's NDC has multiple targets.

^c Party can add a row for each additional indicator.

^d An emission balance reflecting the level of anthropogenic emissions by sources and removals by sinks covered by its NDC adjusted on the basis of corresponding adjustments undertaken by effecting an addition for internationally transferred mitigation outcomes first-transferred/transferred and a subtraction for internationally transferred mitigation outcomes used/acquired, consistent with decisions adopted by the CMA on Article 6. {MPGs, para. 77(d)(ii)}

Custom footnotes:

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Option 2 – any other information
Any other information consistent with decisions adopted by the CMA on reporting under Article 6: <i>{MPGs, p. 77(d)(iii)}</i>
Information on how each cooperative approach promotes sustainable development; and ensures environmental integrity and transparency, including in governance; and applies robust accounting to ensure inter alia the avoidance of double counting, consistent with decisions adopted by the CMA on Article 6: <i>{MPGs, p. 77(d)(iv)}</i>
<i>{Any other, additional or supporting information}</i>

8. Structured summary: Tracking progress made in implementing and achieving the NDC under Article 4 of the Paris Agreement⁴

Example for Parties that do not participate in cooperative approaches that involve the use of ITMOs towards an NDC under Article 4 of the Paris Agreement

Unit	Reference point(s), level(s), baseline(s), base year(s) or starting point(s) {MPGs, paras. 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, paras. 68, 77(a)(ii–iii)}						Option 1 - comparison: Progress made in implementing the NDC, as determined by comparing the most recent information for each selected indicator with the reference point(s), level(s), baseline(s), base year(s) or starting point(s) {MPGs, para. 69}		Target level	Target year or period	Option 1 - comparison: Progress made in achieving the NDC, as determined by comparing information on the end year or end of period for each selected indicator with the reference point(s), level(s), baseline(s), base year(s) or starting point(s) {MPGs, para. 70}		Option 2 - comparison: Progress made in implementing and achieving 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) {MPGs, paras. 69, 70}	
		Year 1	Year 2	End year	Unconditional	Conditional			Unconditional	Conditional	Unconditional	Conditional
Indicator(s) selected to track progress towards the implementation <u>and/or</u> achievement of the NDC under Article 4 of the Paris Agreement: {MPGs, paras. 65, 77(a)}															
{Indicator A}															
Option 3 - comparison: {Comparison with reference point(s) for indicator A}															
{Parties can add rows for each additional indicator and supporting information for each indicator, e.g. baseline values, target values, mitigation effects of PaMs, etc.}															
Where applicable, total GHG emissions and removals consistent with the coverage of the NDC {MPGs, para. 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, para. 77I}															
Total net GHG emission and removals, taking into account the contribution from the LULUCF															
Option 1 – assessment of achievement: Assessment of the achievement of the NDC: <i>For the first BTR that contains information on the end year or end of the period of its NDC under Article 4 of the Paris Agreement, each Party should provide an assessment of whether it has achieved the target(s) for its NDC under Article 4 of the Paris Agreement:</i> {MPGs, para. 70}															
Option 2 – assessment of achievement: {this could be part of this table or presented as a separate table} Assessment of the achievement of the NDC:															
Target:															
Information for reference point(s), level(s), baseline(s), base year(s), or starting point(s):															
Final information for the target year/period:															

Comparison:

Achievement of NDC: *{yes/no, explanation}*

Abbreviations: NDC = nationally determined contributions under Article 4 of the Paris Agreement

^a Information shall be provided in a narrative and common tabular format, as applicable. *{MPGs, p. 79}*

^b This table should be used for each NDC target in case Party's NDC has multiple targets.

^c Party can add a row for each additional indicator.

Custom footnotes:

Documentation box: <i>{Any other, additional or supporting information}</i>
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Option 2: Structured summary is reported by using a combination of different formats, such as tabular, graphical and/or textual, as applicable for Parties

Examples of general template and presentation of information for a structured summary for tracking progress of NDC in a narrative format

Definitions needed to understand NDC (MPGs para 73)

This could be done in bullet points or list format for each definition.

Information on methodologies and accounting approaches

- *For the first NDC: Party indicates accounting approaches, for second and subsequent NDCs: Party include information referred to in MPGs chapter III.B and C, in addition to indicating how its reporting consistent with decision 4/CMA.1 (MPGs para 71 and 72).*
- *(MPGs para 74) Description of each methodology and/or accounting approach used, as applicable for:*
 - *Target(s):*
Party can provide a brief description complemented with reference to relevant section of BTR and/or visual tools, as needed
 - *Construction of baselines:*
Party can provide a brief description complemented with reference to relevant section of BTR and/or visual tools, as needed
 - *Each indicator:*
Party can provide a brief description complemented with reference to relevant section of BTR and/or visual tools, as needed

As applicable, Party shall include information from (MPGs para 75) for each of the bullets above.

Progress made in implementing and achieving NDCs:

Each Party shall identify the indicator(s) that it has selected to track progress towards the implementation and achievement of its NDC under Article 4. Indicators shall be relevant to a Party's NDC under Article 4, and may be either **qualitative or quantitative**. (MPGs para. 65)

The information in the box below is provided for each of the selected indicators: (MPGs para. 77(a))

Indicator (A): Party-self determines qualitative or quantitative indicator. Party shall provide definition of the indicators (MPGs para. 73), and description (MPGs para. 76)

- *MPGs para. 77 (a) (i) and para. 67: Party selects one of the following options suitable to its NDC: reference point(s), level(s), baseline(s), base year(s), or starting point (s), and provides the respective information on the selected option.*
- *MPGs para. 77 (a) (ii) and para. 68: Party provides information for previous reporting years during the implementation period of its NDC under Article 4. Party can provide a brief description and refer to the relevant section in the BTR, and complement it with figures, graphs, charts, tables, or any other self-determined visual tool.*
- *MPGs para. 77 (a) (iii), para. 68: Party provides the most recent information of the selected indicator for each reporting year during the implementation period of its NDC under Article 4. Party can provide a brief description and refer to the relevant section in the BTR, and complement it with figures, graphs, charts, or any other self-determined visual tool. Party could also choose to combine the most recent information with previous reporting years to show progression. In this section, Party can provide comparison of the most recent information with its NDC reference point(s), level(s), baseline(s), base year(s), or starting point (s) in accordance with MPGs para. 69.*
- *MPGs para. 77 (b): Where applicable, Party provides information on GHG emissions and removals consistent with the coverage of its NDC under Article 4. Party provides this information only in the BTR that has information on achievement of the NDC. Party can provide a brief description and refer to the relevant section in the BTR, and complement it with figures, graphs, charts, or any other self-determined visual tool. In this section, Party could provide assessment if it achieved its NDC (MPGs para. 70)*
- *MPGs para. 77 (c): As applicable, Party provides information on the 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. Party can provide a brief description and refer to the relevant section in the BTR, and complement it with figures, graphs, charts, or any other self-determined visual tool*
- *Place holders for 77 (d)*

Narrative structured summary – example 1

Indicator A: percentage reduction of CO₂ intensity (para 65)

Accounting approach (para 74):

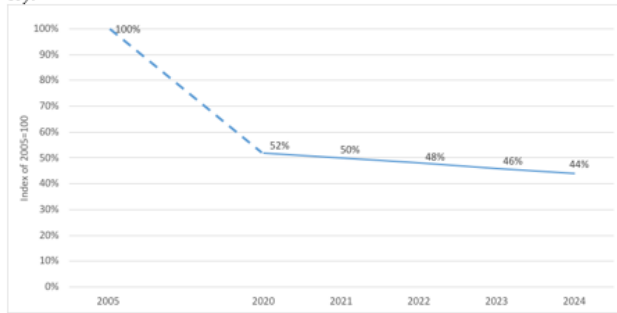
$$Y_{CO_2} = [I_{last} - I_{current}] / I_{last} = \left[\frac{E_{last}}{GDP_{last}} - \frac{E_{current}}{GDP_{current}} \right] / \frac{E_{last}}{GDP_{last}}$$

- Y_{CO_2} : percentage reduction of CO₂ intensity (para 75)
- I : CO₂ intensity (para 75)
- E : CO₂ emissions (in Gt) (para 75)
- GDP : Gross domestic product (in 2005 RMB) (para 75)

All parameters are the same as that in NDC description. (para 76)

Reference level (para 67): 2005=100%

Most recent information (para 68): By 2024, the CO₂ emissions per unit of GDP dropped by 56% as against 2005, XX percentage point to be achieved comparing with NDC (para 69).



Narrative structured summary – example 2

Indicator B: percentage of renewable energy use (para 65)

Accounting approach (para 74):

$$Y_{RE} = \frac{C_{RE}}{C_{TE}}$$

- Y_{RE} : percentage of renewable energy use (para 75)
- C_{RE} : consumption of renewable energy use (in tce) (para 75)
- C_{TE} : consumption of total energy use (in tce) (para 75)

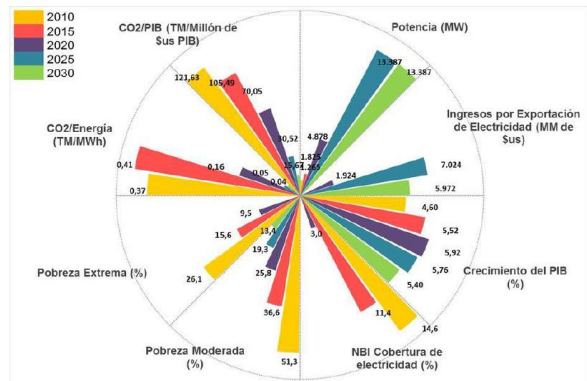
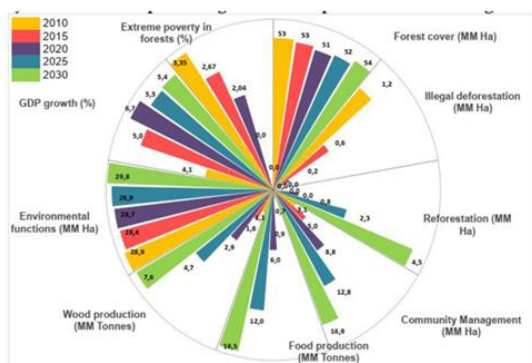
All parameters are the same as that in NDC description. (para 76)

Reference level (para 67): NA

Most recent information (para 68): By 2024, the percentage of renewable energy use is 16.5%, XX percentage point to be achieved comparing with NDC (para 69).

	Unit	2021	2022	2023	2024
Percentage of renewable energy use					
	%	15.0%	15.5%	16.0%	16.5%
Installed Capacity of renewable energy use					
Hydropower	GW	xx	xx	xx	xx
Wind power	GW	xx	xx	xx	xx
Solar power	GW	xx	xx	xx	xx

Structured summary reported by using multidimensional graphs and indexes (sustainable life of forest and development of the electricity sector with a climate change approach) – example 3:



Annex II

Example for the common tabular formats for mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans

9. Mitigation policies and measures, actions and plans, including those with mitigation co-benefits resulting from adaptation actions and economic diversification plans, related to implementing and achieving a nationally determined contribution under Article 4 of the Paris Agreement^{a, b}

Information shall be provided, to the extent possible (para. 82(a–i) of MPGs)									Option 1: Information may be provided (para. 83(a–c) of MPGs)		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)	
Name	Description ^{c,d,e}	Objectives	Type of instrument ^f	Status ^g	Sector(s) affected ^h	Gases affected	Start year of implementation	Implementing entity or entities	Costs ⁱ	Non-GHG mitigation co-benefits ^j	Information on interactions of mitigation actions ^k	Estimates of expected and achieved GHG emission reductions ^{l,m} [(not cumulative in kt CO ₂ eq)]
												Years ⁿ

^a First shaded row is for information purposes and will be deleted when final version of this table is prepared.

^b For each Party with an NDC under Article 4 of the Paris Agreement that consists of mitigation co-benefits resulting from Parties' adaptation actions and/or economic diversification plans consistent with Article 4, paragraph 7, information to be reported in this common tabular format includes relevant information on policies and measures contributing to mitigation co-benefits resulting from adaptation actions or economic diversification plans. {MPGs, p. 84}

^c Parties should indicate whether a measure is included in the 'with measures' projections. {no relevant provision in the MPGs; noted as request by some Parties}

^d Parties should identify actions, policies and measures that influence GHG emissions from international transport. {MPGs, p. 88}

^e Parties should, to the extent possible, provide information about how actions, policies and measures are modifying longer-term trends in GHG emissions and removals. {MPGs, p. 89}

^f Parties shall, to the extent possible, provide information on the types of instrument: regulatory, economic instrument or other. {MPGs, p. 82(d)}

^g The following descriptive terms shall be used to report on the status, to the extent possible: planned, adopted or implemented. {MPGs, p. 82(e)}

^h Parties shall, to the extent possible, provide information on sector(s) affected: energy, transport, industrial processes and product use, agriculture, LULUCF, waste management or other. {MPGs, p. 82(f)}

ⁱ Information on costs may also be provided by the Party. {MPGs, p. 83(a)}

^j Information on non-GHG mitigation co-benefits may also be provided by the Party. {MPGs, p. 83(b)}

^k Information on how the mitigation actions interact with each other, as appropriate, may also be provided by the Party. {MPGs, p. 83(c)}

^l 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. *{MPGs, p. 85}*

^m To the extent available, each Party shall describe the methodologies and assumptions used to estimate the GHG emission reductions or removals due to each action, policy and measure. This information may be presented in an annex to the biennial transparency report. *{MPGs, p. 86}*

ⁿ Years deemed relevant by the Party in relation to implementation and achievement of its nationally determined contribution, including the end year of the NDC. *{no relevant provision in the MPGs; this is CFs proposal}*

Custom footnotes:

Documentation box:

Option 2:

Costs: <i>{MPGs, p. 83(a)}</i>
Non-GHG mitigation benefits: <i>{MPGs, p. 83(b)}</i>
Information on interactions of mitigation actions: <i>{MPGs, p. 83(c)}</i>
<i>{Any other, additional or supporting information}</i>

Annex III

Example for the common tabular formats for projections of greenhouse gas emissions and removals for ‘with measures’, ‘with additional measures’ and ‘without measures’ projections

10. Projections of greenhouse gas emissions and removals^{a,b,c}

<i>Unit</i>	<i>Historical GHG emissions and removals</i>		<i>Projections of GHG emissions and removals</i>	
	<i>Historical years available up to the most recent year in the Party’s national inventory report</i>		<i>Future years extended to at least 15 years beyond the year following the most recent year that ends in 0 or 5^c</i>	
Sector				
Energy[, including transport]				
[Transport]				
Industrial processes and product use				
Agriculture				
LULUCF				
Waste				
Other (specify)				
Gas				
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				
NF ₃				
Other (specify)				
Total with LULUCF				
Total without LULUCF				

^a This example for the draft common tabular formats for projections of greenhouse gas emissions and removals will be used for development of tables for ‘with measures’, ‘with additional measures’ and ‘without measures’ projections.

^b Each Party shall report projections pursuant to paragraphs 93–101 of the MPGs; those developing country Parties that need flexibility in the light of their capacities are instead encouraged to report such projections. Each Party that reports projections pursuant to paragraph 92 of the MPGs shall report ‘with measures’ projections of all GHG emissions and removals and may report ‘with additional measures’ projections and ‘without measures’ projections. Those developing country Parties that need flexibility in the light of their capacities with respect to paragraphs 93–101 of the MPGs can instead report using a less detailed methodology or coverage.

^c Those developing country Parties that need flexibility in the light of their capacities with respect to this provision have the flexibility to instead extend their projections at least to the end point of their NDC under Article 4 of the Paris Agreement.

Annex IV

Example for the common tabular formats for projections of key indicators and key underlying assumptions and parameters used for projections

11. Projections of key indicators and key underlying assumptions and parameters used for projections^{a, b}

<i>Unit, as applicable</i>	<i>Historical</i>		<i>Projected</i>
	<i>Historical years available up to the most recent year in the Party's national inventory report</i>		<i>Future years extended to at least 15 years beyond the next year following the most recent year that ends in 0 or 5^c</i>
<i>Key indicator(s):^d</i> {Key indicator A}			
<i>Key underlying assumptions and parameters:^d</i> {Key underlying assumption/parameter}			

^a Each Party shall report projections pursuant to paragraphs 93–101 of the MPGs; those developing country Parties that need flexibility in the light of their capacities are instead encouraged to report such projections.

^b Information provided by each Party in describing the methodology used to develop the projections should include key underlying assumptions and parameters used for projections (e.g. gross domestic product growth rate/level, population growth rate/level), as per paragraph 96(a) of the MPGs. Each Party shall also provide projections of key indicators to determine progress towards its NDC under Article 4 of the Paris Agreement, as per paragraph 97 of the MPGs.

^c Those developing country Parties that need flexibility in the light of their capacities with respect to this provision have the flexibility to instead extend their projections at least to the end point of their NDC under Article 4 of the Paris Agreement.

^d Party can add a row for each additional key indicator and key underlying assumption or parameter.

Annex V

Example for the common tabular formats for the information necessary to track progress on the implementation and achievement of the domestic policies and measures implemented to address the social and economic consequences of response measures as stipulated by paragraph 78 of the MPGs. This example is relevant only for Parties with an NDC that consists of adaptation actions and/or economic diversification plans resulting in mitigation co-benefits.

12. Information necessary to track progress on the implementation and achievement of the domestic policies and measures implemented to address the social and economic consequences of response measures^a

<i>Sectors and activities associated with the response measures</i> {MPGs, p. 78(a)}	<i>Social and economic consequences of the response measures</i> {MPGs, p. 78(b)}	<i>Challenges in and barriers to addressing the consequences</i> {MPGs, p. 78(c)}	<i>Actions to address the consequences</i> {MPGs, p. 78(d)}
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^a Each Party with an NDC under Article 4 that consists of adaptation actions and/or economic diversification plans resulting in mitigation co-benefits consistent with Article 4, paragraph 7, of the Paris Agreement shall provide the information necessary to track progress on the implementation and achievement of the domestic policies and measures implemented to address the social and economic consequences of response measures.