

SBSTA 51 agenda item 11(d)

Outlines of the biennial transparency report, national inventory document and technical expert review report pursuant to the modalities, procedures and guidelines for the transparency framework for action and support

Informal note by the co-facilitators

05 December 2019, 13:00

Note: The draft elements contained in the annex to this informal note have been prepared by the co-facilitators of the negotiations on this agenda sub-item under their own responsibility. The elements have been drawn from views submitted by Parties prior to the fiftieth session of the Subsidiary Body for Scientific and Technological Advice¹ (SBSTA) and further discussion among Parties at the fiftieth and fifty-first sessions of the SBSTA. The elements are preliminary, are not exhaustive, have no formal status and should not be considered as final in any way. They are intended to assist the SBSTA in advancing the discussions on this matter and do not prejudice further work or prevent Parties from expressing their views at any time.

Overview of the informal consultations on agenda sub-item 11(d)

The informal consultations on agenda sub-item 11(d), “Methodological issues under the Paris Agreement: outlines of the biennial transparency report, national inventory document and technical expert review report pursuant to the modalities, procedures and guidelines for the transparency framework for action and support”, at the session were co-facilitated by Xiang Gao (China) and Helen Plume (New Zealand).

The co-facilitators recognize that Parties were of the view that the outlines being developed for the biennial transparency report, national inventory document and technical expert review report shall follow the modalities, procedures and guidelines (MPGs) set out in the annex of decision 18/CMA.1, without adding reporting and review requirements.

The mandatory (“shall”) and voluntary (“should”, “may” and “are encouraged to”) nature of the requirements are indicated in the outlines by references to the relevant sections in the MPGs. The outlines should thus be used in conjunction with the MPGs.

All Parties engaged in providing comments¹ to the co-facilitators’ informal note published during the fiftieth session of the Subsidiary Body for Scientific and Technological Advice (SBSTA). Following the suggestions of Parties, the informal note was revised to include options and bracketed text reflecting diverging views and to elaborate on, inter alia, flexibility provisions and suggestions for individual outlines.

As proposed by Parties, the outline of the biennial transparency report includes two heading levels and the outline of the technical expert review report includes two to three heading levels, while the outline of the national inventory document is presented at a more disaggregated level to reflect the technical nature of its subject matter, as well as existing practice and reporting experience.

Draft SBSTA conclusions and a draft decision of the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement on this matter are provided in the annex.

¹ The submissions from Parties and negotiation groups of Parties are available at <http://www4.unfccc.int/sites/submissionportal/Pages/Home.aspx>.

Annex

Input to the draft conclusions proposed by the Chair

The SBSTA recommended a draft decision, “Outlines of the biennial transparency report, national inventory document and technical expert review report pursuant to the modalities, procedures and guidelines for the transparency framework for action and support”, for consideration and adoption by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement at its third session (for the text of the draft decision, see document FCCC/SB/2020/L.**X/Add.X**).

Elements of the draft decision -/CMA.X

Outlines of the biennial transparency report, national inventory document and technical expert review report pursuant to the modalities, procedures and guidelines for the transparency framework for action and support

1. *The Conference of the Parties serving as the meeting of the Parties to the Paris Agreement,*
2. *Recalling* Articles 4, 7 and 12 of the Convention,
3. *Further recalling* the Paris Agreement, in particular Article 13,
4. *Recalling* decision 18/CMA.1, paragraph 12(b), and annex, sections II, III, IV, V, VII and XVII.J,
5. *Also recalling* decision 1/CP.24, paragraphs 42–44,
6. *Recognizing* the need to facilitate the timely operationalization of the enhanced transparency framework under the Paris Agreement,
7. *Adopts* the outlines of the biennial transparency report, national inventory document and technical expert review report pursuant to the modalities, procedures and guidelines for the transparency framework for action and support, as contained in the annex;
8. *Decides* that Parties should apply the outline of the biennial transparency report, as contained in the annex, in preparing their biennial transparency reports;
9. *Also decides* that Parties should apply the outline of the national inventory document, as contained in the annex, in preparing their national inventory document as a stand-alone report and [as a chapter in the biennial transparency report] [and as summary information under the headings provided in the outline when the national inventory document is submitted as a chapter in the biennial transparency report];
10. *Further decides* that technical expert review teams shall use the outline of technical expert review report, with the guidance of lead reviewers and support of the secretariat, in preparing the technical expert review reports.

Draft elements for the outline of the biennial transparency report, pursuant to the modalities, procedures and guidelines

- I. National inventory report of anthropogenic emissions by sources and removals by sinks of greenhouse gases** (*Including common reporting tables (CRT) and an outline consistent with annex to MPGs, paragraphs 18 to 58, and the NID; the flexibility provisions of the MPGs are captured in paras 25, 30-35, 36-38, 52-53-54 and 56*)
- II. Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement** (*Including common tabular format (CTF) and an outline consistent with annex to MPGs, paragraphs 59 to 103; the flexibility provisions are captured in paras 82, 93-101*)
- A. National circumstances and institutional arrangements
 - B. Description of a Party's nationally determined contribution under Article 4 of the Paris Agreement, including updates
 - C. Information necessary to track progress made in implementing and achieving its nationally determined contribution under Article 4 of the Paris Agreement
 - D. 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
 - E. Summary of greenhouse gas emissions and removals²
 - F. Projections of greenhouse gas emissions and removals, as applicable
 - G. Other information
- [Include a chapter specific section of how flexibility has been applied]**
- III. Information related to climate change impacts and adaptation under Article 7 of the Paris Agreement** (*Outline consistent with annex to MPGs, paragraphs 104 to 117*)
- A. National circumstances, institutional arrangements and legal frameworks
 - B. Impacts, risks and vulnerabilities
 - C. Adaptation priorities and barriers
 - D. Adaptation strategies, policies, plans, goals and actions to integrate adaptation into national policies and strategies
 - E. Progress on implementation of adaptation
 - F. Monitoring and evaluation of adaptation actions and processes
 - G. Information related to averting, minimizing and addressing loss and damage associated with climate change impacts

² Applies only to Parties that submit a standalone national inventory report

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- H. Cooperation, good practices, experience and lessons learned
 - I. Any other information related to climate change impacts and adaptation under Article 7 of the Paris Agreement
- IV. Information on financial, technology development and transfer and capacity-building support provided and mobilized under Articles 9–11 of the Paris Agreement** *(Including CTF tables and an outline consistent with annex to MPGs, paragraphs 118 to 129)*
- A. National circumstances and institutional arrangements
 - B. Underlying assumptions, definitions and methodologies
 - C. Information on financial support provided and mobilized under Article 9 of the Paris Agreement:
 - 1. Information on financial support provided through bilateral, regional and other channels
 - 2. Information on financial support provided through multilateral channels
 - 3. Information on finance mobilized through public interventions
 - D. Information on support for technology development and transfer provided under Article 10 of the Paris Agreement
 - E. Information on capacity-building support provided under Article 11 of the Paris Agreement
- V. Information on financial, technology development and transfer and capacity-building support needed and received under Articles 9–11 of the Paris Agreement** *(Including CTF tables and an outline consistent with annex to MPGs, paragraphs 130 to 145)*
- A. National circumstances, institutional arrangements and country-driven strategies
 - B. Underlying assumptions, definitions and methodologies
 - C. Information on financial support needed by developing country Parties under Article 9 of the Paris Agreement
 - D. Information on financial support received by developing country Parties under Article 9 of the Paris Agreement
 - E. Information on technology development and transfer support needed by developing country Parties under Article 10 of the Paris Agreement
 - F. Information on technology development and transfer support received by developing country Parties under Article 10 of the Paris Agreement
 - G. Information on capacity-building support needed by developing country Parties under Article 11 of the Paris Agreement
 - H. Information on capacity-building support received by developing country Parties under Article 11 of the Paris Agreement
 - I. Information on support needed and received by developing country Parties for the implementation of Article 13 of the Paris Agreement and transparency-related activities, including for transparency-related capacity-building

VI. Information to be reported when the NC and BTR are submitted jointly every four years³

- A. Vulnerability assessment, climate change impacts and adaptation measures⁴
- B. Research and systematic observation
- C. Education, training and public awareness

VII. Information on flexibility (Outline consistent with annex to MPGs, paragraph 4 to 8; *applicable only to developing country Parties that need flexibility, in light of their capacities [a combinations of methods][a table] can be included to summarise the use of flexibility provisions][with further clarity in the BTR]*)

- A. Self-determined application of flexibility provided for in the provisions of the MPGs, for those developing country Parties that need flexibility in the light of their capacities
- B. Capacity constraints in relation to the application of flexibility and the self- determined estimated time frames for improvements

VIII. Improved reporting over time (Outline consistent with annex to MPGs, paragraphs 4 to 8; *this is applicable to all Parties*)

- A. Areas of improvement identified by the Party and technical expert review team, in relation to its reporting pursuant to chapters II, III, IV, V and VI of the MPGs
- B. Domestic plans and priorities with regard to improved reporting related to paragraph 7 of the MPGs, that may inform discussions on areas of improvement and identification of capacity-building needs

Annexes [placeholder for tabular format as outlined in the MPGs]

C. Technical annexes for REDD+, as applicable

- D. CRT for the electronic reporting of national GHG inventories
- E. CTF for the electronic reporting of:
 - 1. **Information necessary to track progress in implementing and achieving its NDC under Article 4 of the Paris Agreement⁵**
 - 2. **Information on financial, technology development and transfer and capacity-building support provided and mobilized under Articles 9–11 of the Paris Agreement**
 - 3. **Information on financial, technology development and transfer and capacity-building support needed and received under Articles 9–11 of the Paris Agreement**

³ These chapters may be included in the BTR of Parties in the years only when the submissions of their NCs and BTRs coincide, as per decision 1/CP.24, para. 43(b).

⁴ When the relevant information is reported in chapter IV of the BTR, this chapter is not relevant.

⁵ To be consistent with the guidance developed under Article 6.

Draft elements for the outline of the national inventory document, pursuant to the modalities, procedures and guidelines⁶

EXECUTIVE SUMMARY

ES.1. Background information on greenhouse gas (GHG) inventories and climate change (e.g. as it pertains to the national context)

ES.2. Summary of national emission and removal-related trends

ES.3. Overview of source and sink category emission estimates and trends

ES.4. Other information (e.g. indirect GHGs)

ES.5. Key category analysis (para. 25, annex to decision 18/CMA.1)

ES.6. Improvements introduced (paras. 4–6, annex to decision 18/CMA.1)

Chapter 1: Inventory arrangements, national circumstances and cross-cutting information

1.1. Background information on GHG inventories and climate change (e.g. as it pertains to the national context, to provide information to the general public)

1.2. A description of the national inventory arrangements

1.2.1. National entity or national focal point

1.2.2. Inventory preparation process

1.2.3. Archiving of information

1.2.4. Processes for official consideration and approval of inventory

1.3. Brief general description of methodologies (including tiers used) and data sources used

1.4. Brief description of key categories (para. 25, annex to decision 18/CMA.1)

1.5. General uncertainty evaluation, including data on the overall uncertainty for the inventory totals (para. 29, annex to decision 18/CMA.1)

1.6. General assessment of completeness (para. 30–33, annex to decision 18/CMA.1)

1.6.1. Information on completeness (including information on non-reported categories or any methodological or data gaps in the inventory)

1.6.2. Description of insignificant categories, if applicable, in accordance with paragraph 32 of the annex to decision 18/CMA.1

1.6.3. Total aggregate emissions considered insignificant, if applicable

1.7. Metrics (para. 37, decision 18/CMA.1)

[1.8. Summary of application of flexibility (in the case of developing country parties that need it in the light of their capacities) (para. 4–6, annex to decision 18/CMA.1)]

⁶ The references to paragraphs in the MPGs for the transparency framework for action and support referred to in Article 13 of the Paris Agreement (decision 18/CMA.1) are provided only in the case of non-mandatory provisions, ones where flexibility considerations may apply, or elements which are not included in the outline for the national inventory report provided in the UNFCCC reporting guidelines on annual greenhouse gas inventories for Annex I Parties (annex I to decision 24/CP.19).

Chapter 2: Trends in greenhouse gas emissions

2.1. Description of emission trends for aggregated GHG emissions

2.2. Description of emission trends by sector and by gas

Chapter 3: Energy (CRT sector XX)

3.1. Overview of sector (e.g. quantitative overview and description, including trends and methodological tiers by category) and background information

[Option 1

3.2. Fuel combustion, including detailed information on:

3.2.1. Comparison of the sectoral approach with the reference approach (para. 36, annex to decision 18/CMA.1)

3.2.2. International bunker fuels (para. 53, annex to decision 18/CMA.1)

3.2.3. Feedstocks and non-energy use of fuels (para. 54, annex to decision 18/CMA.1)

3.2.4. Category (CRT category number)

3.2.4.1. Category description (e.g. characteristics of sources)

3.2.4.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission estimates and the rationale for their selection, information on carbon dioxide (CO₂) capture, any specific methodological issues (e.g. description of national methods and models))

3.2.4.3. Description of application of flexibility for those developing country Parties that need it in the light of their capacities, if applicable (para. 4–6, annex to decision 18/CMA.1)

3.2.4.4. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

3.2.4.5. Category-specific QA/QC and verification, if applicable (para. 34–35, annex to decision 18/CMA.1)

3.2.4.6. Category-specific recalculations, if applicable, including changes made in response to the review process and impact on emission trend

3.2.4.7. Category-specific planned improvements, if applicable (e.g. methodologies, activity data, emission factors), including tracking of those identified in the review process

3.3. Fugitive emissions from solid fuels and oil and natural gas and other emissions from energy production (CRT XX)

[Option 1.1.1

3.3.1. Category (CRT category number)

3.3.1.1. Category description (e.g. characteristics of sources)

3.3.1.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission estimates and the rationale for their selection, any specific methodological issues (e.g. description of national methods and models))

3.3.1.3. Description of application of flexibility for those developing country Parties that need it in the light of their capacities, if applicable (para. 4–6, annex to decision 18/CMA.1)

3.3.1.4. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

3.3.1.5. Category-specific QA/QC and verification, if applicable (para. 34–35, annex to decision 18/CMA.1)

3.3.1.6. Category-specific recalculations, if applicable, including changes made in response to the review process and impact on emission trend

3.3.1.7. Category-specific planned improvements, if applicable (e.g. methodologies, activity data, emission factors), including tracking of those identified in the review process]

[Option 1.1.2

3.3.1. Category (CRT category number)

Use the subsection headings under subsection 3.2.4 above]

3.4. CO₂ transport and storage (CRT XX)

[Option 1.2.1

3.4.1. Category (CRT category number)

3.4.1.1. Category description (e.g. characteristics of sources)

3.4.1.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission estimates and the rationale for their selection, any specific methodological issues (e.g. description of national methods and models))

3.4.1.3. Description of application of flexibility for those developing country Parties that need it in the light of their capacities, if applicable (para. 4–6, annex to decision 18/CMA.1)

3.4.1.4. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

3.4.1.5. Category-specific QA/QC and verification, if applicable (para. 34–35, annex to decision 18/CMA.1)

3.4.1.6. Category-specific recalculations, if applicable, including changes made in response to the review process and impact on emission trend

3.4.1.7. Category-specific planned improvements, if applicable (e.g. methodologies, activity data, emission factors), including tracking of those identified in the review process

[Option 1.2.2

3.4.1. Category (CRT category number)

Use the subsection heading under subsection 3.2.4 above]]

[Option 2

3.2. Category (CRT category number)

3.2.1. Category description (e.g. characteristics of sources)

3.2.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission estimates and the rationale for their selection, information on CO₂ capture, any specific methodological issues (e.g. description of national methods and models))

3.2.3. Description of application of flexibility for those developing country Parties that need it in the light of their capacities, if applicable (para. 4–6, annex to decision 18/CMA.1)

3.2.4. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

3.2.5. Category-specific QA/QC and verification, if applicable (para. 34–35, annex to decision 18/CMA.1)

3.2.6. Category-specific recalculations, if applicable, including changes made in response to the review process and impact on emission trend

3.2.7. Category-specific planned improvements, if applicable (e.g. methodologies, activity data, emission factors), including tracking of those identified in the review process]

Chapter 4: Industrial processes and product use (CRT sector XX)

4.1. Overview of sector (e.g. quantitative overview and description, including trends and methodological tiers by category) and background information

4.2. Category (CRT category number)

4.2.1. Category description (e.g. characteristics of sources)

4.2.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission estimates and the rationale for their selection, information on CO₂ capture, any specific methodological issues (e.g. description of national methods and models))

4.2.3. Description of application of flexibility for those developing country Parties that need it in the light of their capacities, if applicable (para. 4–6, annex to decision 18/CMA.1)

4.2.4. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

4.2.5. Category-specific QA/QC and verification, if applicable (para. 34–35, annex to decision 18/CMA.1)

4.2.6. Category-specific recalculations, if applicable, including changes made in response to the review process and impact on emission trend

4.2.7. Category-specific planned improvements, if applicable (e.g. methodologies,

activity data, emission factors), including tracking of those identified in the review process

Chapter 5: Agriculture (CRT sector XX)

5.1. Overview of sector (e.g. quantitative overview and description, including trends and methodological tiers by category) and background information

5.2. Category (CRT category number)

5.2.1. Category description (e.g. characteristics of sources)

5.2.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission and removal estimates and the rationale for their selection, any specific methodological issues (e.g. description of national methods and models))

5.2.3. Description of application of flexibility for those developing country Parties that need it in the light of their capacities, if applicable (para. 4–6, annex to decision 18/CMA.1)

5.2.4. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

5.2.5. Category-specific QA/QC and verification, if applicable (para. 34–35, annex to decision 18/CMA.1)

5.2.6. Category-specific recalculations, if applicable, including changes made in response to the review process and impact on emission trend

5.2.7. Category-specific planned improvements, if applicable (e.g. methodologies, activity data, emission factors), including tracking of those identified in the review process

Chapter 6: Land use, land-use change and forestry (CRT sector XX)

6.1. Overview of sector (e.g. quantitative overview and description, including trends and methodological tiers by category, and coverage of pools) and background information

6.2. Land-use definitions and the land representation approach(es) used and their correspondence to the land use, land-use change and forestry categories (e.g. land use and land-use change matrix)

6.3 Country-specific approaches

6.3.1 Information on approaches used for representing land areas and on land-use databases used for the inventory preparation

6.3.2 Information on approaches used for natural disturbances, if applicable (para. 55, decision 18/CMA.1)

6.3.3 Information on approaches used for reporting HWP (para. 56, decision 18/CMA.1)

6.4. Category (CRT category number)

6.4.1. Description (e.g. characteristics of category)

6.4.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission and removal estimates and the rationale for their selection, any specific methodological issues (e.g. description of national methods and models))

6.4.3. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

6.4.4. Description of application of flexibility for those developing country Parties that need it in the light of their capacities, if applicable (para. 4–6, annex to decision 18/CMA.1)

6.4.5. Category-specific QA/QC and verification, if applicable (paras. 34–35, annex to decision 18/CMA.1)

6.4.6. Category-specific recalculations, if applicable, including changes made in response to the review process and impact on emission trend

6.4.7. Category-specific planned improvements, if applicable (e.g. methodologies, activity data, emission factors), including those in response to the review process

Chapter 7: Waste (CRT sector XX)

7.1. Overview of sector (e.g. quantitative overview and description, including trends and methodological tiers by category) and background information

7.2. Category (CRT category number)

7.2.1. Category description (e.g. characteristics of sources)

7.2.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission estimates and the rationale for their selection, any specific methodological issues (e.g. description of national methods and models))

7.2.3. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

7.2.4. Description of application of flexibility for those developing country Parties that need it in the light of their capacities, if applicable (paras. 4–6, annex to decision 18/CMA.1)

7.2.5. Category-specific QA/QC and verification, if applicable (paras. 34–35, annex to decision 18/CMA.1)

7.2.6. Category-specific recalculations, if applicable, including changes made in response to the review process

7.2.7. Category-specific planned improvements, if applicable (e.g. methodologies, activity data, emission factors), including those in response to the review process

Chapter 8: Other (CRT sector XX) (if applicable)

Chapter 9: Indirect CO₂ and nitrous oxide emissions (para. 52 of annex to decision 18/CMA.1)

9.1. Description of sources of indirect emissions in GHG inventory

9.2. Methodological issues (e.g. choice of methods/activity data/emission factors, assumptions, parameters and conventions underlying the emission estimates and the rationale for their selection, any specific methodological issues (e.g. description of national methods and models))

9.3. Uncertainties and time-series consistency (para. 29, annex to decision 18/CMA.1)

9.4. Category-specific QA/QC and verification, if applicable (paras. 34–35, annex to decision 18/CMA.1)

9.5. Category-specific recalculations, if applicable, including changes made in response to the review process and impact on emission trend

9.6. Category-specific planned improvements, if applicable (e.g. methodologies, activity data, emission factors), including tracking of those identified in the review process

Chapter 10: Recalculations and improvements

10.1. Explanations and justifications for recalculations, including in response to the review process

10.2. Implications for emission levels

10.3. Implications for emission trends, including time-series consistency

[Option 1

10.4. Areas of improvements, including in response to the review process and, where applicable, related to the flexibility provisions applied with self-determined estimated time frames for improvements]

[Option 2

10.4. Areas of improvement in response to the review process

10.5. Areas of improvement related to the flexibility provisions applied with self-determined estimated time frames for improvements]

Annexes to the national inventory document

Annex 1: Key categories (para. 25, annex to decision 18/CMA.1)

- Description of methodology used for identifying key categories, if different from the Intergovernmental Panel on Climate Change (IPCC) tier 1 approach
- Information on the level of disaggregation
- Tables 4.2 and 4.3 of volume 1 of the 2006 IPCC Guidelines, including and excluding land use, land-use change and forestry

Annex 2: Assessment of uncertainty (para. 29, annex to decision 18/CMA.1)

- Description of methodology used for identifying uncertainties
- Table 3.3 of volume 1 of the 2006 IPCC Guidelines (para. 29, annex to decision 18/CMA.1)

Annex 3: Detailed description of reference approach (including inputs to reference approach such as national energy balance) and comparison of reference and sectoral approaches (para. 36, annex to decision 18/CMA.1)

Annex 4: QA/QC plan (paras. 34–35, annex to decision 18/CMA.1)

Annex 5: Any additional information, as applicable, including detailed methodological descriptions for source or sink categories and the national emission balance

Annex 6: Common reporting tables

References

Draft elements for the outline of the technical expert review report, pursuant to the modalities, procedures and guidelines

I. Abbreviations and acronyms

II. Introduction and summary

- A. Introduction
- B. Scope
- C. Summary

III. Technical review of the information reported (para. 187, annex to decision 18/CMA.1)

- D. A review of the consistency of the information submitted by the Party under Article 13, paragraphs 7 and 9, of the Paris Agreement with these MPGs, taking into account the flexibility accorded to the Party under Article 13, paragraph 2, of the Paris Agreement (para. 146 (a), annex to decision 18/CMA.1)
 - 1. National inventory of anthropogenic emissions by sources and removals by sinks of greenhouse gases (para. 150 (a), annex to decision 18/CMA.1)
 - 2. Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement (para. 150 (b), annex to decision 18/CMA.1)
 - 3. Information on financial, technology development and transfer and capacity-building support provided under Articles 9–11 of the Paris Agreement (para. 150 (c), annex to decision 18/CMA.1)
- E. Consideration of the Party's implementation and achievement of its NDC under Article 4 of the Paris Agreement (para. 146 (b), annex to decision 18/CMA.1)
- F. Consideration of the Party's support provided, as relevant (para. 146 (c), annex to decision 18/CMA.1)
- G. Identification of areas of improvement for the Party related to implementation of Article 13 of the Paris Agreement (para. 146 (d), annex to decision 18/CMA.1)
- H. For those developing country Parties that need it in the light of their capacities, assistance in identifying capacity-building needs (para. 146 (e), annex to decision 18/CMA.1)

IV. Conclusions and recommendations

Annex I

Documents and information used during the review

Annex II

Review of information reported every four years, when national communications are due, according to the national communication reporting guidelines contained in decision 17/CP.8,

as applicable ⁷

1. Vulnerability assessment, climate change impacts and adaptation measures
 2. Research and systematic observation
 3. Education, training and public awareness
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⁷ According to decision 1/CP.24 paragraph 43 (b) for those Parties whose National Communications are subject to review under decision 13/CP.20, the review shall be conducted in accordance with the relevant guidelines contained in chapter VII of the annex to decision 18/CMA.1, and shall also include a review of the information submitted on research and systematic observation; on education, training and public awareness; and on adaptation in accordance with relevant guidance in decision 13/CP. 20, as applicable.