

## DRAFT TEXT

on

### SBSTA 48-2 agenda item 12(a) Matters relating to Article 6 of the Paris Agreement: Guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement

Version 1 of 9 September 02:00 hrs - corrected version\*

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## Draft CMA decision containing draft guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement

### I. Preamble

**Option A {preamble}** {potential list below}

*Pp1* Recalling Article 2 of the Paris Agreement.

*Pp2* Recalling Article 2 of the Paris Agreement and decision 1/CP.21, paragraph 1.

*Pp3* Recalling Article 2 of the Paris Agreement and its paragraph 1.

**Option B {list of preambular paragraphs, including principles}** {potential list below in Annex I, section II}

**Option B1 {principles only from Article 6, paragraphs 1-3}**

**Option B2 {principles from Article 6, paragraph 1-3 and others}** {further development may be required})

**Option C {no preamble}**

{no text required}

{end of Option C}

*The Conference of the Parties serving as the meeting of the Parties to the Paris Agreement,*

1. [Placeholder for adoption of Annex I to this decision {see Annex I}];
2. *Requests* the Subsidiary Body for Scientific and Technological Advice (SBSTA) to undertake the following work {see Annex II} and develop recommendations for a draft decision for consideration and adoption by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA) at its second session (2019);
3. [Placeholder for review of the guidance at X future date].

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\* Reflects only corrections read out by the co-chairs at the closing contact group on 9 September 2018. All corrections are highlighted.

## Annex I

### Draft guidance on cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement

#### I. Preamble {see draft CMA adopting decision}

#### II. Principles

##### Option A {list of principles} {potential list below}

1. Each participating Party engaging in cooperative approaches referred to in Article 6, paragraph 2, of the Paris Agreement<sup>1</sup> (hereinafter referred to as cooperative approaches) that involve the use of internationally transferred mitigation outcomes (ITMOs) towards achievement of nationally determined contributions (NDCs) [shall][should] be guided by the following further principles:
  - (a) In accordance with Article 6, paragraph 1, participation in cooperative approaches is voluntary;
  - (b) Pursuant to Article 6, paragraph 1, cooperative approaches allow Parties [shall][should] maintain current ambition} in their NDC and allow for higher mitigation and adaptation ambition;
  - (c) In accordance with Article 6, paragraph 2, cooperative approaches [shall][should] promote sustainable development;
  - (d) In accordance with Article 6, paragraph 2, cooperative approaches [shall][should] ensure environmental integrity. Ensuring environmental integrity includes ensuring that such cooperative approaches do not lead to an overall increase in global greenhouse gas emissions.
  - (e) In accordance with Article 6, paragraph 2, Parties [shall][should] ensure transparency, including in governance;
  - (f) In accordance with Article 6, paragraph 2, Parties [shall][should] apply robust accounting and ensure the avoidance of double counting;
  - (g) Pursuant to Article 4, paragraph 3, cooperative approaches [shall][should] be consistent with the participating Parties' NDC and be designed and implemented in a manner that supports progression beyond the participating Parties' current NDC;
  - (h) The type of its NDC [shall][should] not exclude any Party from participating in cooperative approaches;
  - (i) Cooperative approaches [shall][should] “be bottom up” and to maintain national prerogatives by ensuring that such cooperative approaches are led by participating Parties;
  - (j) Cooperative approaches [shall][should] prioritize implementation of the participating Parties' NDC, and avoid extraneous influences;
  - (k) Cooperative approaches [shall][should] take into consideration/address Article 4, paragraphs 7 and 15;
  - (l) Participating Parties [shall][should] avoid unilateral measures and discriminatory practices in such cooperative approaches;
  - (m) Cooperative approaches [shall][should] be implemented through a multilateral rules-based system;
  - (n) The special circumstances of least developing countries and small island developing States [shall][should] be reflected.

##### Option B {no list of principles}

{no text required}

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<sup>1</sup> References to “Article” are to articles of the Paris Agreement, unless otherwise specified.

### III. Scope

2. This guidance [shall][should] apply to:

**Option A {all steps in ITMO life cycle}**

- (a) Creation, transfer, acquisition, and use of ITMOs towards achievement of an NDC;

**Option B {first transfer and use}**

- (b) First transfer and use of ITMOs;

**Option C {transfer and acquisition}**

- (c) Transfer and acquisition of ITMOs;

**Option D {only use of ITMOs towards NDCs}**

- (d) Use of ITMOs towards an NDC;

**Option E {cooperative approaches involving transfers of ITMOs used towards NDCs}**

- (e) Cooperative approaches that involve transfers of ITMOs used towards NDC by Parties.

3. This guidance [shall][should] apply to the 2021 reported year and subsequent years.

4. This guidance [shall][should] cover:

**Option A {only cooperative approaches referred to in Article 6, paragraph 2}**

- (a) Cooperative approaches referred to in Article 6, paragraph 2;

**Option B {cooperative approaches referred to in Article 6, paragraph 2 and mitigation activities under the mechanism established by Article 6, paragraph 4 from which emission reductions are internationally transferred}**

- (b) Cooperative approaches referred to in Article 6, paragraph 2;

- (c) Mitigation activities under the mechanism established by Article 6, paragraph 4 from which emission reductions are internationally transferred and used toward NDCs.

{end of Option B}

**Option A {special circumstances of LDCs and SIDs}**

5. In relation to least developed countries and small island developing States, the special circumstances of least developed countries and small island developing States as set out in Article 4, paragraph 6, [shall][should] be recognized where this guidance relates to NDCs. For the purpose of this guidance, references to NDC means, for least developing countries and small island developing States, strategies, plans and actions for low greenhouse gas emissions development, reflecting their special circumstances.

**Option B {no special circumstances}**

{no text required}

### IV. Purpose

6. This guidance [shall][should]: {potential list below}

- (a) Ensure consistency of cooperative approaches with Article 2;

- (b) Ensure consistency of cooperative approaches with Article 6, paragraph 1;

- (c) Enable Parties to apply robust accounting, including the avoidance of double counting;

- (d) Address scope and purpose of Article 6, paragraph 2 activities and cooperative approaches.

## **V. Definitions {at SBSTA 48.1 Parties agreed to return to definitions section when the content of the guidance is more settled.}**

7. {Placeholder for the definitions as per document SBSTA48.Informal.5.v2ed<sup>2</sup>. “May informal note”}

## **VI. Internationally transferred mitigation outcomes**

### **A. Internationally transferred mitigation outcomes that may be/are used towards achievement of a nationally determined contribution**

8. An ITMO/s [shall][should] be consistent with the guidance in this section VI and decisions adopted by the CMA relating to this guidance.

#### **1. Responsibility**

9. The responsibility to elaborate what is an ITMO that is used towards achievement of an NDC [shall][should] be with:

##### **Option A {the CMA}**

(a) The CMA;

##### **Option B {the 6.2 body}**

(b) The 6.2 body;

##### **Option C {the Article 6 body}**

(c) The Article 6 body;

##### **Option D {participating Parties}**

(d) Participating Parties implementing a cooperative approach.

#### **2. Measurement**

##### **Option A {guidance on measurement}**

10. An ITMO [shall][should] be any one or more of the following {potential list below}:

##### **Option A1 {in tonnes of carbon dioxide equivalent}**

(a) Equal to one metric tonne of carbon dioxide equivalent (CO<sub>2</sub>e);

##### **Option A2 {in tonnes of carbon dioxide equivalent and other metrics}**

(b) Measured in tonnes of CO<sub>2</sub>e and other metrics;

##### **Option B {no guidance on measurement}**

{no text required}

11. An ITMO [shall][should] be calculated:

##### **Option A {by CMA, in accordance with certain IPCC}**

(a) In accordance with the methodologies and common metrics assessed by the IPCC and adopted by the COP/CMA;

(b) Using global warming potentials assessed/recommended by the IPCC and adopted by the COP/CMA;

##### **Option B {by implementing Parties}**

(c) As determined by Parties implementing a cooperative approach;

(d) To be consistently identified and defined by the participating Parties.

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<sup>2</sup> <https://unfccc.int/documents/181519>.

### 3. Form

#### Option A {*guidance on form*}

12. An ITMO [shall][should] be any one or more of the following {*potential list below*}:

- (a) A unit with a unique serial number;
- (b) A net flow between participating Parties in a given period;
- (c) Amounts, in CO<sub>2</sub>e, subject to a corresponding adjustment to be recorded in the accounting balance of the Parties involved and in a centralized accounting database;
- (d) Not a freely tradable unit.

#### Option B {*no guidance on form*}

{*no text required*}

### 4. Scope

#### Option A {*guidance on scope*}

13. An ITMO may be created for any of the following {*potential list below*}:

- (a) Emission reductions;
- (b) Emission removals;
- (c) Emissions avoided;
- (d) The full spectrum of mitigation outcomes, including mitigation co-benefits of adaptation actions and/or economic diversification plans;
- (e) Net absolute national reductions;

#### Option B {*no guidance on scope*}

{*no text required*}

### B. Characteristics of an internationally transferred mitigation outcome {*see work plan for 2019*}

14. ITMOs [shall][should] be:

#### Option A {*RPAV*}

- (a) Real, permanent, additional and verifiable;

#### Option B {*RPV*}

- (b) Real, permanent and verifiable;

#### Option C {*RAV*}

- (c) Real, additional and verifiable;

#### Option D {*RV*}

- (d) Real and verifiable.

### C. Other internationally transferred mitigation outcomes

15. The following are also ITMOs {*potential list below*}:

- (a) Those emission reductions issued and subject to a corresponding adjustment under this guidance as per the rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, if internationally transferred;
- (b) Certified emission reductions issued under Article 12 of the Kyoto Protocol that are used towards achievement of an NDC;

- (c) Emission reduction units determined under Article 6 of the Kyoto Protocol that are used towards achievement of an NDC.

## VII. Governance

### A. Role of the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement

#### Option A {CMA functions, including issuance process}

16. The CMA [shall][should] *{potential list below}*:
- (a) Approve creation of/issue ITMOs, consistent with this guidance;
  - (b) Periodically review the participation of non-Party actors to provide further guidance, as necessary.
  - (c) Ensure consistency between this guidance and the rules, modalities and procedures for the mechanism established by Article 6, paragraph 4, in relation to the use of emission reductions under that mechanism towards achievement of NDCs;
  - (d) Review this guidance periodically/by no later than *{X date}*, on the basis of recommendations from the committee referred to in Article 15, paragraph.

#### Option B {no CMA functions}

*{no text required}*

### B. Oversight

#### 1. Arrangements *{this section seeks to elaborate the options for oversight arrangements as compared to the Reorganized Informal Note<sup>3</sup>}*

##### Option A {Article 6.2 body}

17. A cooperative approaches body (hereinafter referred to as the “6.2 body”) to ensure consistency with this guidance and decisions of the CMA relating to this guidance [shall][should] be established with the following composition:
- (a) Equal representation of developing country Parties and developed country Parties;
  - (b) One member from the least developed country Parties;
  - (c) One member from the small island developing States.

##### Option B {Article 13 technical expert review for consistency with this guidance}

18. Each participating Party [shall][should] undergo a technical expert review consistent with this guidance as referred to in the modalities, procedures and guidelines for Article 13 relating to Article 13, paragraph 7(b) *{the MPGs to refer to this guidance for required Article 6 information}*.
19. Each participating Party [shall][should] ensure its participation in cooperative approaches and its use of ITMOs towards achievement of its NDC is consistent with this guidance.

##### Option C {Article 6 technical expert review to review for consistency with this guidance} *{this section has been re-titled to more clearly reflect a distinct/specific Article 6 technical expert review option}*

20. The Article 6 technical expert review team [shall][should] be composed of technical experts, consistent with decisions of the CMA relating to this guidance *{see work plan for 2019}*. *{paragraph moved from paragraph 31 below. This results in changes to subsequent paragraph numbering}*.
21. Each participating Party [shall][should] undergo an Article 6 technical expert review for consistency with this guidance and decisions of the CMA relating to this guidance.
22. Each participating Party [shall][should] ensure its participation in cooperative approaches and its use of ITMOs towards achievement of its NDC is consistent with this guidance.

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<sup>3</sup> <https://unfccc.int/documents/181780>.

**Option D {combination of Options A, B and C above}**

**Option E {Article 6 body}**

23. An Article 6 body (hereinafter referred to as the “Article 6 body”) to ensure consistency with this guidance and decisions of the CMA relating to this guidance, [shall][should] be established with the following composition {further elements needed};

**Option F {no oversight arrangements}**

{No text required}

{end of Option F}

- 2. Functions of oversight** {this section seeks to elaborate the functions of oversight and incorporates the substantive content from the ex-ante, periodic and ex-post review sections of the Reorganized Informal Note}

**Option A {Article 6.2 body}** {this section has been reordered to clearly separate the 6.2 body’s review and other functions compared to the Reorganized Informal Note}

24. The 6.2 body [shall][should] review for consistency with this guidance, the following information submitted by each participating Party pursuant to the following sections:
- (a) Section VIII.A (Participation requirements);
  - (b) Section VIII.B (Participation responsibilities);
  - (c) Section IX.A (Ex-ante reporting);
  - (d) Section IX.B (Periodic and ex-post reporting);
  - (e) Section X.A (ITMO information)
  - (f) Section X.B (Operationalizing the corresponding adjustment);
  - (g) Section X.E (Use of ITMOs towards NDCs).
25. A Party may participate where ex-ante review by the 6.2 body determines that it meets the participation requirements.
26. The 6.2 body [shall][should] review the information submitted by a Party pursuant to section X.B (Periodic and ex-post Party reporting), the 6.2 body [shall][should] review the information for consistency with this guidance and decisions of the CMA relating to this guidance.
27. The 6.2 body [shall][should] also:
- (a) Approve creation of/issue ITMOs from cooperative approaches consistent with this guidance;
  - (b) Oversee a third-party review of the environmental integrity of ITMOs at creation;
  - (c) Develop rules and procedures that includes a policy for addressing conflict of interest.

**Option B {Article 13 technical expert review for consistency with this guidance}**

**Option B1 {Article 13 technical expert review}**

28. The Article 13 technical expert review [shall] {potential list below}:
- (a) Review the information submitted by each participating Party, as required by the following sections, for consistency with this guidance:
    - (i) {same potential list as option A above}.
  - (b) Submit its review for consideration by the committee referred to in Article 15, paragraph 2.
  - (c) A Party may participate where the ex-ante review by the Article 13 technical expert review determines that it meets the participation requirements {moved from paragraph 29}.
29. A Party may participate where the ex-ante review by the Article 13 technical expert review determines that it meets the participation requirements.

**Option B2 {Option B1 plus additional step, relates to budget-based basis of corresponding adjustment}**

30. Where relevant, a Party [shall][should] issue units up to the allowable emissions, following the technical expert review *{relates to budget-based below}*.

**{end of Option B}**

**Option C {Article 6 technical expert review to review for consistency with this guidance}** *{this section has been re-titled to more clearly reflect a distinct Article 6 expert review option}*

**Option C1 {Article 6 technical expert review}**

31. ~~The Article 6 technical expert review team [shall][should] be composed of technical experts, consistent with decisions of the CMA relating to this guidance {see work plan for 2019}. {moved to paragraph 20}~~

32. The Article 6 technical expert review [shall] *{potential list below}*:

- (a) Review the information submitted by each participating Party, as required by the following sections, for consistency with this guidance:
  - (i) *{same potential list as option A above}*.
- (b) Submit its review for consideration by: *{options have been added to highlight possible destinations of the results for the Article 6 technical expert review}*

**Option C1.1 {submission of review to Article 15 committee}**

- (i) The committee referred to in Article 15, paragraph 2;

**Option C1.2 {submission of review to Article 6.2 body}**

- (ii) The Article 6.2 body;

**Option C1.3 {submission of review to Article 6 body}**

- (iii) The Article 6 body;

**Option C1.4 {no referral of review}**

*{No text required}*

- (c) A Party may participate where the ex-ante review by the Article 6 technical expert review determines that it meets the participation requirements.

**Option C2 {Option C1 plus additional wording that relates to budget-based basis of corresponding adjustment}**

33. Where relevant, a Party [shall][should] issue units up to the allowable emissions, following the Article 6 technical expert review *{relates to budget-based below}*.

**{end of Option C}**

**Option D {combination of Options A, B and C above}** *{potential list of functions as per those set out in Options A, B and C}*

**Option E {Article 6 body}**

34. *{Placeholder for Article 6 body functions}*

**Option F {no oversight arrangements}**

*{No text required}*

**C. Role of the secretariat** *{see work plan for 2019}*

35. Pursuant to Article 17, the secretariat [shall][should] carry out the activities set out in this guidance and decisions of the CMA relating to this guidance.

36. The secretariat [shall][should] report to the CMA in accordance with decisions of the CMA relating to this guidance.

**D. Role of other actors** *{see work plan for 2019}*

37. Non-Party actors may, where applicable, subject to authorization by a participating Party *{potential list below}*:

- (a) Participate in cooperative approaches;
- (b) Transfer and acquire ITMOs;
- (c) Use ITMOs for purposes other than towards achievement of an NDC.

## **VIII. Participation requirements and responsibilities**

### **A. Participation requirements**

#### **Option A {Participation requirements}**

38. A Party may participate on a voluntary basis in cooperative approaches if the Party meets the following requirements *{potential list below}*:

- (a) It is a Party to the Paris Agreement;
- (b) It has prepared, communicated and is currently maintaining an NDC in accordance with Article 4, paragraph 2. In this context, references to NDCs means, for LDCs and SIDs, strategies, plans and actions for low greenhouse gas emissions development reflecting their special circumstances;
- (c) It has authorized the use of ITMOs pursuant to Article 6, paragraph 3 and has made that authorization public;
- (d) It has obtained the authorization for the use of ITMOs pursuant to Article 6, paragraph 3 and has made that authorization public;
- (e) It has designated a national authority/focal point and has communicated that designation to the secretariat;
- (f) It has a registry or access to a registry that meets the requirements of section XIV.A (Registry) below;
- (g) It has a system or access to a system for recording the origin, creation, transfer, acquisition and use towards achievement of its NDC of ITMOs;
- (h) It has provided the most recently required inventory report in accordance with the modalities, procedures and guidelines relating to Article 13, paragraph 7, including a consistent time series of inventory emissions submitted no less than annually /biennially, taking into account flexibility for inventories for least developed country Parties and small island developing States;
- (i) It has formulated and communicated an economy-wide long-term low-emission development strategy pursuant to Article 4, paragraph 19;
- (j) In relation to quantification of its current NDC, it has done the following for the purposes of participating in cooperative approaches *{further potential list below}*:
  - (i) Quantified the mitigation into an amount of tonnes of CO<sub>2</sub>e;
  - (ii) Quantified the NDC into a pool of quantified contribution units;
  - (iii) Identified the sectors and greenhouse gases covered by its NDC;
  - (iv) Identified the time period for its NDC (e.g. multi-year or single year);
  - (v) Calculated an absolute-emissions, multi-year, economy-wide target;
  - (vi) Identified an indicative emissions trajectory consistent with its long-term low greenhouse gas emission development strategy pursuant to Article 4, paragraph 19;
- (k) In relation to each cooperative approach *{further potential list below}*:
  - (i) It has a process to set a baseline;
  - (ii) It has requirements to mitigate leakage risk;
  - (iii) It has systems to ensure permanence, including to address reversals;
- (l) In relation to ITMOs *{further potential list below}*:
  - (i) It has a process to verify ITMOs created and first/only transferred;

- (ii) It has a process to ensure that ITMOs created and first/only transferred and/or used do not result in environmental harm;
- (iii) It has a process to ensure that ITMOs created and first/only transferred and/or used do not adversely affect human rights;
- (iv) It has a process to ensure that ITMOs created and first/only transferred and/or used do not have negative social or economic impacts on any Party.

**Option B {No participation requirements}**

{No text required}

## **B. Participation responsibilities**

**Option A {Participation responsibilities}**

39. Each Party participating on a voluntary basis in cooperative approaches [shall][should] meet the following responsibilities:
  - (a) {same potential list as section VIII.A}
40. Each participating Party [shall][should] ensure environmental integrity through the following:
  - (a) Setting baselines in a conservative way and below the BAU for the emissions in relation to the activity and in a transparent manner;
  - (b) Taking into account all existing policies when setting baselines;
41. Each participating Party [shall][should] ensure that the cooperative approach in which it participates:
  - (a) Contributes to the transition in the host Party to a low carbon development economy;
  - (b) Does not lead to an increase in global emissions;
  - (c) Does not impede the formulation of an NDC by the host Party that reflects the highest possible ambition and a progression over time of the NDC;
  - (d) Does not imply risks of conflicts with other environment-related aspects. In case of environment-related conflicts, measures to mitigate any negative trade-offs [shall][should] be taken;
  - (e) Is consistent with the Sustainable Development Goals and the sustainable development objectives of the host Party;
  - (f) Is consistent with the respect of and does not represent a threat to human rights;
42. Each participating Party [shall][should] ensure that the cooperative approach, in which it participates avoids causing negative social or economic impacts to any Party.
43. Each participating A-Party [shall][should] ~~not~~ use towards achievement of its NDC ~~any~~ mitigation outcomes achieved within a period outside the NDC period {moved from Section XIII.B.2 Limits and worded positively}.

**Option B {No participation responsibilities}**

{No text required}

## **IX. Reporting**

### **A. Ex-ante reporting**

**Option A {ex-ante reporting requires information contained in Participation requirements}**

44. Each participating Party [shall][should] provide, prior to its participation in cooperative approaches, the information required in section VIII (Participation requirements and responsibilities) and decisions of the CMA relating to this guidance, to demonstrate that it meets the participation requirements. {see work plan for 2019}

**Option B {ex-ante reporting contains all the following steps for budget-based}**

45. Each participating Party [shall][should] include in its report, pursuant to this section IX.A, information on quantification of allowable emissions, through an approved calculation method that is consistent with decisions of the CMA relating to this guidance, in accordance with the following steps:
- (a) Quantification of allowable emissions through calculating how many tonnes of CO<sub>2</sub>e could be emitted while achieving its NDC;
  - (b) Multiplied by the number of years in the NDC, converted into a number of units, each corresponding to one tonne of CO<sub>2</sub>e;
  - (c) Where that number exceeds the average annual emissions for the years preceding the NDC, as per the last three national inventories, the difference, multiplied by the number of years in the NDC to be reserved for domestic use only;
  - (d) The resulting figure represents the quantified NDC.

**Option C {ex-ante reporting contains all the following for emissions-based}**

46. Each participating Party [shall][should] include in its report pursuant to section IX.A, the following information to enable the application of the emissions-based basis, consistent with decisions of the CMA related to this guidance:
- (a) The information on the scope and quantification of its NDC in tonnes of CO<sub>2</sub> equivalent (i.e. its “NDC quantity”);
  - (b) The information on the reference level of emissions and removals for the relevant year or period;
  - (c) The information on the target level of emissions and removals for its NDC year or period.
  - (d) The secretariat [shall] consolidate the information contained in the ex-ante report submitted by each Party consistent with this section into the database referred to in section X of this guidance and further decisions of the CMA relating to this guidance {see work plan for 2019}.

**Option D {combination of A and B or C}**

**Option E {no ex-ante reporting}**

{No text required}

**B. Periodic and ex-post Party reporting {see work plan for 2019}**

**Option A {periodic: annually, biennially, matching reporting period}**

47. Each participating Party [shall][should] provide the following information at the end of the reporting period, in addition to the information set out in in section X.A of this guidance, consistent with decisions of the CMA relating to this guidance:
- (a) In relation to the ITMOs reported in section X.A{potential list below}:
    - (i) How it has used the quantity of ITMOs towards the achievement of its NDC;
    - (ii) Evidence of authorization pursuant to Article 6, paragraph 3;
    - (iii) The Party origin and the originating cooperative approach of the ITMOs;
    - (iv) The characteristics of the ITMOs (e.g. the metric, sector, vintage);
    - (v) How it has ensured the ITMOs are real, permanent, additional and verified;
    - (vi) How it has ensured the ITMOs are real, permanent and verified;
    - (vii) How it has ensured the environmental integrity of the ITMOs (including that transfers have not increased global emissions, that use does not erode the using Party’s NDC);
    - (viii) How it has ensured the requirements set out in the definition of environmental integrity have been met;
    - (ix) How it has ensured that ITMOs used towards achievement of its NDC will not be further transferred, acquired or used (e.g. through cancellation, retirement of such ITMOs);

- (x) Provision of information in a standard reporting table/format;
- (xi) Provision of information in a national certificate.
- (b) How the registry in section XIII.A (Registry) meets the requirements of the guidance and decisions of the CMA;
- (c) In relation to cooperative approaches ~~authorised first transfer~~ and ~~authorised~~ use of ITMOs towards achievement of the NDC of the Party {potential list below} {reference to authorised first transfer removed as this should not be trigger specific}:
  - (i) How it has ensured the environmental integrity of cooperative approaches;
  - (ii) How the cooperative approaches support implementation of its NDC and/or the mitigation of greenhouse gas emissions;
  - (iii) How any participation by the Party in the mechanism established under Article 6, paragraph 4, supports implementation of its NDC and/or the mitigation of greenhouse gas emissions;
  - (iv) How the cooperative approaches are consistent with its long-term low greenhouse gas emission development strategy pursuant to Article 4, paragraph 19 and foster transition to a low emissions economy;
  - (v) How the creation, first/only transfer and use and/or the transfer and acquisition of ITMOs is consistent with Article 3 in relation to progression over time;
  - (vi) How the use of ITMOs promotes sustainable development in the creating Party;
  - (vii) How the creation, first/only transfer and use and/or transfer and acquisition of ITMOs promotes sustainable development within the context of the national prerogatives of that Party and/or within the context of its implementation of the Sustainable Development Goals;
  - (viii) How the creation, first/only transfer and use and/or transfer and acquisition of ITMOs avoided environmental harm;
  - (ix) How the creation, first/only transfer and use and/or transfer and acquisition of ITMOs avoided a violation of human rights;
  - (x) Any updates to its methods for accounting for progress pursuant to the modalities, procedures and guidelines relating to Article 13, paragraph 7;
  - (xi) How the creation, first/only transfer and use and/or transfer and acquisition of ITMOs avoided negative social or economic impacts on any Party.

**Option B {when demonstrating achievement of NDC}**

48. Each participating Party [shall][should] provide the following information at the end of the NDC implementation period, in addition to the information on ITMOs set out in section X.A of this guidance, consistent with any decisions of the CMA relating to this guidance {same potential list as Option A above}.

**Option C {both Option A and Option B}**

{No text required}

**Option D {real-time reporting}**

{further detailed required}

## **X. Corresponding adjustment**

### **A. ITMO information**

#### **1. Recording ITMO information**

**Option A {Parties record ITMO information}**

49. Each participating Party [shall][should] record ITMO information through the use of:

**Option A1 {ITL maintained pursuant with section XII (Infrastructure)}**

- (a) A registry system that is consistent with section XII (Infrastructure) of this guidance and any further decisions of the CMA relating to this guidance, and that is connected to an international transaction log.

**Option A2 {Central registry pursuant to with section XII (Infrastructure)}**

- (b) Accounts in a centralised registry system as per section XII (Infrastructure) of this guidance and any further decisions of the CMA relating to this guidance.

**Option A3 {registries (no standards or minimum standards) – standards section XII (Infrastructure)}**

- (c) Registry systems consistent with section XII (Infrastructure) of this guidance and any further decisions of the CMA relating to this guidance.

**Option B {No obligation to record ITMO information}**

{No text required}

## **2. Reporting ITMO Information**

**Option A {Parties periodically report transaction data and other ITMO data in tabular format}**

50. Each participating Party [shall][should] provide, in agreed tabular format, information on ITMO transactions including {potential list below} {see work plan for 2019}:

- (a) Total/total cumulative emissions and removals covered by its NDC over the reporting period/NDC implementation period;
- (b) Total cumulative ITMOs created over the reporting period/NDC implementation period;
- (c) Total cumulative ITMOs transferred internationally over the reporting period/NDC implementation period;
- (d) Total cumulative ITMOs acquired from an international source over the reporting period/NDC implementation period;
- (e) Total cumulative ITMOs transferred over the reporting period/NDC implementation period, where the transfer is the first international transfer of that ITMO;
- (f) Total ITMOs held in the registry;
- (g) Total ITMOs used towards the achievement of the NDC.

51. Each participating Party [shall][should] provide the information in agreed tabular format:

**Option A1 {annually through a specific report}**

- (a) Annually, consistent with any further decisions of the CMA related to this guidance;

**Option A2 {biennially through Article 13.7(b)}**

- (b) Biennially, consistent with this guidance as referred to in the modalities, procedures and guidelines for Article 13 relating to Article 13, paragraph 7(b) {the MPGs to refer to this guidance for required Article 6 information}.

**Option A3 {both annually and biennially through Article 13.7(b)}**

- (c) Annually, consistent with any further decisions of the CMA related to this guidance; and
- (d) Biennially, consistent with this guidance as referred to in the modalities, procedures and guidelines for Article 13 relating to Article 13, paragraph 7(b) {the MPGs to refer to this guidance for required Article 6 information}.

**Option B {ITMO transaction data provided by the ITL / Central registry {see work plan for 2019}}**

52. The administrator of the international transaction log/central registry [shall] generate and publish/provide for each participating Party, in agreed tabular format, a report that includes information on ITMO transactions and data including:

- (a) {same potential list as in Option A}.

53. The administrator of the international transaction log/central registry [shall] generate and publish/provide for each participating Party, in agreed tabular format, the above report annually and/or biennially.

**Option C {No obligation to report ITMO transaction data}**

*{No text required}*

**B. Operationalizing the corresponding adjustment**

**Option A {Corresponding adjustments consistent with basis and application of the corresponding adjustment recorded in real time}**

**Option A1 {through the ITL}**

54. Each participating Party [shall][should] **make record** corresponding adjustments, consistent with the basis and application set out in section X, that are recorded in the international transaction log at the time the ITMO transaction takes place.

**Option A2 {through the Central Registry}**

55. Each participating Party [shall][should] **make record** corresponding adjustments consistent with the basis and application set out in section X, that are recorded in the central registry at the time the ITMO transaction takes place.

**Option B {Parties record corresponding adjustment consistent with basis and application through periodic/ex post reporting of accounting information in agreed tabular format in Article 13.7(b) reports}**

56. Each participating Party [shall][should] record all corresponding adjustments consistent with the basis and application set out in section X, through the provision of information in agreed tabular format, that is submitted consistent with this guidance as referred to in the modalities, procedures and guidelines for Article 13 relating to Article 13, paragraph 7(b) *{the MPGs to refer to this guidance for required Article 6 information}* including *{potential list below}*:
- (a) Total cumulative/annual emissions and removals covered by their NDC as derived from the greenhouse gas emissions totals in its national inventory over the reporting period/NDC implementation period;
  - (b) Total cumulative/annual ITMOs transferred over the reporting period/NDC implementation period;
  - (c) Total cumulative/annual ITMOs transferred over the reporting period/NDC implementation period where the transfer is the first international transfer for that ITMO;
  - (d) Total cumulative/annual ITMOs acquired over the reporting period/NDC implementation period;
  - (e) Total cumulative/annual ITMOs used towards the NDC over the reporting period/NDC implementation period;
  - (f) The adjusted emissions balance after applying the corresponding adjustment for the reporting period/NDC implementation period.

**Option C {Information reported in Option B is consolidated by the secretariat in a database which is maintained pursuant to section X.A}**

57. The secretariat [shall] consolidate the information contained in the agreed tabular format submitted by each Party into a database consistent with section X.A of this guidance and further decisions of the CMA relating to this guidance *{see work plan for 2019}*.

**Option D {For Parties using buffer registry basis, Parties record CA in buffer registry}**

58. Each participating Party that is using the buffer registry basis for corresponding adjustment set out in section X, [shall][should] record the corresponding adjustment in its buffer registry **consistent with further decisions of the CMA relating to this guidance**.

**C. Article 6, paragraph 2, corresponding adjustment**

**1. General**

**Option A {all Parties use the same basis for corresponding adjustment}**

59. Each participating Party [shall][should] apply the basis for corresponding adjustment set out in section X.2 consistently throughout the NDC implementation period.

**Option B {a Party chooses which basis for corresponding adjustment and applies it consistently}**

60. Each participating Party [shall][should] select one of the bases for corresponding adjustment set out in section X.2 below and apply it consistently throughout the NDC implementation period.

**2. Basis for Article 6, paragraph 2, corresponding adjustment**

**Option A {budget-based}**

61. Budget-based, where a Party applies the corresponding adjustment to a quantified budget of allowable emissions based on its quantified NDC.

**Option B {emissions-based}**

62. Emissions-based, where a Party applies the corresponding adjustment to the emissions and removals covered by its NDC as derived from the greenhouse gas emissions totals in its national inventory, with a resulting balance (e.g. accounting balance/tracking and accounting balance /real-time balance).

**Option C {buffer registry based}**

63. A buffer registry, where a Party applies the corresponding adjustment for each transfer and acquisition from a starting point of a zero balance, with a resulting balance that reflects net transfers and acquisitions towards nationally determined contributions and in accordance with NDC accounting.

**Option D {emission reductions based}**

64. Emission reductions based, where a Party applies a corresponding adjustment to the total quantity of emissions reduction achieved during the NDC implementation period.

**D. Application of corresponding adjustment {see work plan for 2019}**

65. Each participating Party [shall][should] make a corresponding adjustment by effecting an addition or subtraction consistent with the basis for the Article 6.2 corresponding adjustment in section X.C, the application of corresponding adjustments in this section, and consistent with decisions of the CMA relating to this guidance.
66. Each participating Party [shall][should] make a corresponding adjustment for:

**Option A {Parties record a corresponding adjustment for authorised first/only transfer and for use towards achievement of NDC}**

- (a) Authorised first/only transfer of ITMOs and for authorised use of ITMOs towards achievement of its NDC.

**Option B {Parties record a corresponding adjustment for transfers and acquisitions}**

- (b) Transfers of ITMOs and acquisitions of ITMOs towards achievement of its NDC.

**Option C {All transactions}**

- (c) Creation, first/only transfer, transfer, acquisition and use towards an NDC.

**E. Use of ITMOs towards NDCs {this section brings together guidance for corresponding adjustment from other sections and provides clarity for other corresponding adjustment basis}**

**1. Budget-based corresponding adjustment {content moved from specific guidance}**

67. Each participating Party [shall][should] calculate the quantified NDC consistent with section IX.A (Ex-ante reporting) {requires Option B of that section}.
68. Each participating Party [shall][should] issue units consistent with section IX.B (Ex-ante review) into the registry that is established and maintained consistent with section XIII (Infrastructure) {requires Option B of that section}.
69. Each participating Party [shall][should] make a corresponding adjustment consistent with section X above (Corresponding adjustment).
70. Each participating Party [shall][should] identify the difference between allowable emissions and average actual reported emissions in the three years preceding the NDC period and any positive difference to be transferred into an NDC time frame reserve and used only for meeting its own NDC.

71. At the end of NDC implementation period, each participating Party [shall][should] retire the number of units equal to the emissions and removals covered by the NDC. Such retirement shall be made in the registry established and maintained pursuant to section XIII (Infrastructure).

## **2. Emissions-based corresponding adjustment**

72. Each participating Party [shall][should] provide quantified information on its NDC reference and target level emissions, consistent with section IX.A (Ex-ante reporting).
73. Each participating Party [shall][should] make a corresponding adjustment consistent with section X (Corresponding adjustment).
74. At the end of NDC implementation period, each participating Party [shall][should] submit information on the adjusted emissions balance for each year covered by its NDC and reported consistent with section X.A, and, to enable comparison, the information contained in this section, consistent with this guidance and decisions of the CMA relating to this guidance *{see work plan for 2019}*.
75. The secretariat [shall] consolidate the information contained submitted by each Party consistent with this section into the database referred to in section X of this guidance and further decisions of the CMA relating to this guidance *{see work plan for 2019}*.

## **3. Buffer registry-based corresponding adjustment** *{content moved from specific guidance}*

76. Forward the amount in the buffer registry resulting from corresponding adjustments, consistent with section X above (Corresponding adjustment) above to Article 4, paragraph 13 for NDC accounting.

## **4. Emissions reductions-based corresponding adjustment**

77. *{Further details required}*.

## **F. Specific guidance for corresponding adjustment** *{moved to reflect full flow of corresponding adjustment} {Correction to bring section XI under section X. All subsequent heading numbering has changed, and heading numbering within this section has also changed}*

### **1. Sectors/greenhouse gases/emissions and removals etc.**

#### **(a) General**

78. A creating Party may create and first/only transfer an ITMO that is achieved in its jurisdiction:

#### **Option A** *{only inside NDC}*

- (a) in sectors/greenhouse gases/emissions and removals covered by that Party's NDC;

#### **Option B** *{inside and outside NDC}*

- (b) in any sector/greenhouse gases/emissions and removals, whether or not they are covered by that Party's NDC.

#### **(b) Sectors/greenhouse gases/emissions and removals covered by the nationally determined contribution**

79. For ITMOs that are created and first/only transferred by a Party and achieved in sectors/greenhouse gases/emissions and removals covered by that Party's NDC, each participating Party [shall][should] make a corresponding adjustment consistent with section X (Corresponding adjustment).
80. Least developed country Parties and small island developing States [shall][should] report their transfers annually.

#### **(c) Sectors/greenhouse gases not covered by the nationally determined contribution** *{this section is dependent on section XI.A.1 above and applies only for Option B}*

81. For ITMOs that are created and first/only transferred by a Party and achieved outside the sectors/greenhouse gases/emissions and removals covered by that Party's NDC:
- (a) The using Party [shall][should] make a corresponding adjustment consistent with section X (Corresponding adjustment);
- (b) The authorising first transferring Party [shall][should]:

**Option A {make a corresponding adjustment}**

- (i) Make a corresponding adjustment consistent with section X (Corresponding adjustment);

**Option B {no corresponding adjustment, reporting only}**

- (ii) Report consistent with this guidance;

**Option C {not use ITMOS from outside the sectors/greenhouse gases covered by the NDC}**

- (iii) Not use ITMOS from outside the scope of its NDC in order to achieve its own NDCs;

**Option D {can use ITMOS from outside the sectors/greenhouse gases covered by the NDC}**

- (iv) Use ITMOS from outside the scope of its NDC towards achievement of its NDCs only if the Party will bring this sector/greenhouse gas/source of emissions and removals into the scope of its next NDC and if it makes a corresponding adjustment (as an addition to the inventory emissions).

**Option E {no action required}**

{no text required}

**2. Single-year nationally determined contributions {see work plan for 2019}**

82. A Party that has a single-year NDC that participates in cooperative approaches [shall][should] ensure that, it applies one or more of the bases below, consistent with decisions of the CMA relating to this guidance:

**Option A {single-year vintage creation and transfer only}**

- (a) Applies a single vintage (being the year the mitigation was achieved / the year that the mitigation is used towards an NDC) basis;

**Option B {cumulative corresponding adjustments}**

- (b) Applies a cumulative corresponding adjustment basis;

**Option C {comparison to a trend that would be consistent with NDC achievement}**

- (c) Applies a comparison to a consistent-with-NDC-achievement basis;

**Option D {averaging, including average per cooperative approach}**

- (d) Applies an averaging basis;

**Option E {representative corresponding adjustments}**

- (e) Applies a representative corresponding adjustment basis;

**Option F {reporting consistent with this guidance, periodically}**

- (f) Reports periodically consistent with this guidance;

**Option G {no specific guidance}**

{no text required}

**3. Multi-year nationally determined contributions {see work plan for 2019}**

**Option A {specific guidance on multi-year NDC}**

83. A Party with a multi-year NDC to make a corresponding adjustment consistent with decisions of the CMA relating to this guidance.

**Option B {no specific guidance}**

{no text required}

**4. Pre-2020/2021 units/internationally transferred mitigation outcomes {see work plan for 2019}**

84. In respect of pre-2020/2021 units/ITMOs Parties [shall][should] make a corresponding adjustment and use such ITMOs consistent with decisions of the CMA relating to this guidance.

## **XI. Application of this guidance to emission reductions certified under the mechanism established by Article 6, paragraph 4 {see work plan for 2019}**

### **Option A {guidance applicable to all emission reductions transferred internationally}**

85. Section X (Corresponding adjustment) of this guidance/this guidance applies to all emissions reductions under the mechanism established by Article 6, paragraph 4, when transferred internationally and used towards the achievement of an NDC.

### **Option B {guidance applicable where emission reductions from sectors/greenhouse gases are covered by the NDC}**

86. Section X (Corresponding adjustment) of this guidance/this guidance applies to emission reductions under the mechanism established by Article 6, paragraph 4, that result from a mitigation activity that is included in the sectors/greenhouse gases covered by the host Party's NDC, when those emission reductions are transferred internationally.
87. This guidance does not apply to emission reductions under the mechanism established by Article 6, paragraph 4, if the mitigation activity is not included in the sectors/greenhouse gases covered by the host Party's NDC.

### **Option C {guidance applicable where emission reductions are covered by the NDC}**

88. Section X (Corresponding adjustment) of this guidance/this guidance applies to emission reductions under the mechanism established by 6.4, that result from a mitigation activity that is included in the host Party's NDC, when those emission reductions are transferred internationally to be used in the acquiring Party's NDC.
89. This guidance does not apply to emission reductions under the mechanism established by the article 6 paragraph 4, if the mitigation activity is not included in the host Party's NDC.

### **Option D {forwarding based}**

90. This guidance is not applicable to the initial forwarding of certified emission reductions from the Article 6, paragraph 4, mechanism registry.
91. Section X (Corresponding adjustment) of this guidance/this guidance [shall][should] apply to any subsequent international transfer of certified emission reductions between registries/national accounts in the multilateral registry through the international transaction log.

### **Option E {underlying emission reduction based}**

92. Section X (Corresponding adjustment) of this guidance/this guidance applies to the use by one Party of an emission reduction from the mechanism established in Article 6, paragraph 4 for the achievement of its NDC and the use of the underlying emission reduction by the host Party reflected in the calculation of its GHG inventory.

### **Option F {national allowances-based}**

93. This guidance [shall][should] apply to emission reductions issued under the mechanism established by Article 6, paragraph 4. A Party with an absolute emission limitation or reduction target in its NDC may then transfer an equivalent quantity of national allowances.

## **XII. Infrastructure**

### **A. Registry requirements {see work plan for 2019}**

#### **Option A {registries}**

94. Each participating Party [shall][should] have or have access to a registry that meets the requirements of decisions of the CMA relating to this guidance.
95. Each participating Party to ensure that its registry is capable of:
- (a) Creating and, where applicable, issuing ITMOs/units;
  - (b) Determining a unique serial number for each ITMO/unit;
  - (c) First/only transfer of ITMOs/units;
  - (d) Subsequent transfer of ITMOs/units;

- (e) Acquiring ITMO/units;
- (f) Demonstrating that ITMOs/units have been used towards achievement of an NDC (e.g. through cancelling or retiring ITMOs);
- (g) Ensuring the avoidance of double counting.

**Option A1 {no further requirements in relation to registry beyond Option A}**

*{no further text required}*

**Option A2 {all potential elements of Option A, plus all further elements below}**

- 96. Each registry [shall][should] have the following national accounts: issuance, holding, transfer, acquisition, cancellation, retirement, and share of proceeds, and maintains a link to the mechanism registry.
- 97. The secretariat [shall] maintain a multilateral registry for Parties that do not have a registry or do not have access to a registry, that has the functionality and range of account types listed above.
- 98. The secretariat [shall] ensure the multilateral registry is capable of providing national accounts for issuance, holding, transfer, acquisition, cancellation, retirement, and share of proceeds.

**Option A3 {all potential elements of Option A and A2, plus further element below}**

- 99. A cancellation account for overall mitigation in global emissions.

**Option B {distributed ledger}**

- 100. Each participating Party [shall][should] have or have access to a distributed ledger that meets the requirements of the decisions of the CMA relating to this guidance.

**Option C {no guidance required as no registry/registries or distributed ledger required as reporting is the basis for tracking ITMOs/units}**

*{no text required}*

**B. International transaction log/~~centralized accounting~~ database/distributed ledger {see work plan for 2019}**

**Option A {international transaction log}**

- 101. The secretariat [shall][should] establish and maintain an international transaction log capable of recording the information set out in decisions of the CMA relating to this guidance.
- 102. Each participating Party [shall][should] ensure that its registry is capable of connection to the international transaction log.

**Option B {database}**

- 103. The secretariat [shall][should] establish and maintain a database to record summaries of transfers, acquisitions and holdings consistent with decisions of the CMA relating to this guidance.

**Option C {distributed ledger}**

- 104. The secretariat/X [shall][should] establish and maintain a distributed ledger that is accessible to all participating Parties, consistent with decisions of the CMA relating to this guidance.

**Option D {no guidance required as no such infrastructure required, as reporting required}**

*{no text required}*

**Option E {combination of Options A, B, and/or C}**

### **XIII. Safeguards**

#### **A. Uses for purposes other than towards achievement of nationally determined contributions**

105. An ITMO:

**Option A {allow non-NDC uses}**

(a) Can be used for purposes other than towards the towards achievement of NDCs;

**Option B {not allow non-NDC uses}**

(b) Cannot be used for purposes other than towards the towards achievement of NDCs;

106. An ITMO [shall][should] not be used towards achievement of an NDC where it has been or is intended to be used {potential list below}:

(a) Towards international mitigation action outside the UNFCCC;

(b) Towards voluntary climate actions that are not mandatory in the relevant jurisdiction;

(c) As a means of demonstrating climate finance provided pursuant to Article 9.

107. Parties [shall][should] make a corresponding adjustment for ITMOs used for purposes other than towards achievement of NDCs, consistent with:

**Option A {make a corresponding adjustment for all as per this guidance}**

(a) Section X (Corresponding adjustment);

**Option B {only make a corresponding adjustment where from within NDC}**

(b) Section X (Corresponding adjustment), where the ITMOs are from the sectors/greenhouse gases covered by the NDC.

#### **B. Limits**

##### **1. Limits on creation and first/only transfer**

**Option A {limits on creation, transfer and acquisition} {potential list below}**

108. A Party [shall][should] create and first/only transfer ITMOs in a manner that avoids fluctuations in the prices and quantities available in the international market for ITMOs {further text needed}.

109. Compulsory limitation of tradable units [shall][should] be exclusively used for retirement purposes.

110. A Party [shall][should] not create or first/only transfer ITMOs where the ITMOs have been achieved in sectors that have a high degree of uncertainty {further text needed}.

111. A Party [shall][should] not first/only transfer any quantity of ITMOs over the reporting period/NDC implementation period that is greater than X per cent of its quantified budget of allowable emissions for that reporting period/NDC implementation period.

112. A Party [shall][should] maintain a holding balance equal to X per cent of its mitigation target for that reporting period/NDC implementation period throughout the reporting period/NDC implementation period.

113. A Party [shall][should] maintain a minimum level of allowable emissions in the NDC time frame reserve.

114. A Party's balance for the reporting period/NDC implementation period [shall][should] not exceed X per cent of its actual emissions and to not exceed emission levels for the reporting period/NDC implementation period that are consistent with NDC achievement.

115. A Party to not participate in the following types of transfers {further text needed}.

116. An ITMO may be transferred only once.

117. A Party [shall][should] ensure that there is no secondary trading of ITMOs and that speculative trading is avoided {further text needed}.

**Option B {no limits on creation, transfer or acquisition}**

{no text required}

**2. Limits on use towards achievement of nationally determined contributions**

**Option A {limits on use} {potential list below}**

118. A Party's use of ITMOs towards achievement of its NDC [shall][should] be supplemental to domestic action and domestic action [shall][should] constitute a significant element of the effort made by each Party towards achievement of its NDC.
119. A Party [shall][should] not use any quantity of ITMOs towards achievement of its NDC that is greater than *X* per cent of the actual emissions of that Party calculated for the reporting period/NDC implementation period.
- ~~120. A Party [shall][should] not use towards achievement of its NDC any mitigation outcome a period outside the NDC period. {moved to Section VIII B. Participation responsibilities}~~
121. A Party [shall][should] not use pre-2020 units/ITMOs towards achievement of its NDC.
122. A Party [shall][should] not bank/carry over ITMOs exceeding *X* from one reporting period/NDC implementation period to a subsequent reporting period/NDC implementation period.
123. A Party may carry over a quantity of ITMOs achieved in one reporting period/NDC implementation period to a subsequent reporting period/NDC implementation period equal to a maximum of *X* per cent of the actual emissions calculated for the reporting period/NDC implementation period.
124. An ITMO [shall][should] only be used by a Party towards achievement of its NDC or voluntarily cancelled.

**Option B {no limits on use}**

{no text required}

**XIV. Overall mitigation in global emissions in context of Article 6, paragraph 2**

**Option A {overall mitigation in global emissions requirement}**

125. Overall mitigation in global emissions [shall][should] be implemented in the context of Article 6, paragraph 2 as follows:

**Option A1 {automatic cancellation}**

- (a) On the basis of an automatic cancellation as follows:
- (i) Overall mitigation in global emissions [shall][should] be achieved by ensuring some ITMOs are not used by either creating or acquiring Party towards achievement of its NDC;
  - (ii) At the time of issuance/first transfer of ITMOs, registry [shall][should] transfer *X* per cent of ITMOs to the cancellation account for overall mitigation consistent with section XIII;
  - (iii) Transferring Party [shall][should] make a corresponding adjustment for the full amount of ITMOs created/issued/supplied for first transfer/only transfer;
  - (iv) Acquiring/using Party [shall][should] make a corresponding adjustment for the amount of ITMOs acquired/used;
  - (v) The cancelled ITMOs [shall][should] not be used for any further transfer or purpose, including use by any Party towards achievement of its NDC or voluntary cancellation;

**Option A2 {discounting by Parties}**

- (b) On the basis of a discounting by Parties as follows:
- (i) Overall mitigation in global emissions [shall][should] be achieved by ensuring some ITMOs are not used by either creating or acquiring Party towards achievement of its NDC;
  - (ii) Prior to first international transfer, creating Party [shall][should] make a corresponding adjustment for the full amount of ITMOs to be first transferred;

- (iii) Acquiring/using Party [shall][should] make a corresponding adjustment for the full amount of ITMOs acquired/used, discounted by X percent.
- (iv) The discounted volume of ITMOs [shall][should] be transferred to the cancellation account for the overall mitigation of global emissions by the acquiring/using Party.
- (v) The discounted volume of ITMOs [shall][should] not be used for any further transfer or purpose, including use by any Party towards achievement of its NDC.

**Option A3 {using Party to discount prior to use towards achievement of its NDCs}**

126. The using Party [shall][should] discount by X per cent the total quantity of ITMOs acquired prior to use towards achievement of its NDC.

**Option B {no overall mitigation in global mitigation requirement}**

{no text required}

## **XV. Share of proceeds for adaptation**

**Option A {share of proceeds}**

127. Cooperative approaches [shall][should] deliver a share of proceeds to be used to assist developing country Parties that are particularly vulnerable to the adverse effects of climate change to meet the costs of adaptation.

128. The share of proceeds [shall][should] be collected in respect of:

**Option A1 {where activities are similar to Article 6, paragraph 4 mitigation activities}**

- (a) cooperative approaches that are baseline and crediting approaches that are similar to mitigation activities under the mechanism established by Article 6 paragraph 4;

**Option A2 {crediting approaches}**

- (b) crediting approaches implemented by Parties.

**Option A3 {all approaches}**

- (c) all cooperative approaches;

**Option A4 {ITMO acquisitions}**

- (d) all acquisition of ITMOs

{end of Option A3}

129. The share of proceeds [shall][should] be set at and levied at {potential list below}:

**Option A1 {varying rates of SOP}**

- (a) X per cent/5 per cent/an increasing per cent/a diminishing per cent of the amount of ITMOs transferred/used towards achievement of an NDC;

**Option A2 {increasing rate over time at transfer}**

- (b) X percent at first/only transfer, increasing by Y percent at each subsequent transfer;

**Option A3 {consistent with Article 6, paragraph 6, for the mechanism established by Article 6, paragraph 4}**

- (c) Consistent with the share of proceeds pursuant to Article 6, paragraph 6, for the mechanism established by Article 6, paragraph 4.

130. The share of proceeds [shall][should] be {potential list below}:

- (a) Collected by the creating/issuing Party at the first/only international transfer of ITMOs and/or collected by a Party using ITMOs towards achievement of its NDC;
- (b) Transferred by the creating/issuing Party to the Adaptation Fund;
- (c) Collected by the acquiring Party at each ITMO transfer and transferred to the Adaptation Fund.

**Option B {no share of proceeds}**

*{no text required}*

**XVI. Adaptation ambition**

131. Mitigation co-benefits of adaptation action, including economic diversification *{further text needed}*.
132. To allow for higher ambition in adaptation, participants are allowed to issue, transfer, acquire and use ITMOs resulting from the mitigation co-benefits resulting from Parties' adaptation actions and/or economic diversification plans.

**XVII. Addressing negative social and economic impacts, Article 4, paragraph 15**

133. The secretariat [shall][should] collaborate with the forum on the impact of the implementation of response measures (referred to in paragraph 33 of Decision 1/CP.21) to address negative social and economic impacts, especially those impacting developing countries, resulting from activities related to Article 6, paragraph 2, by the undertaking the following actions:
- (a) Assessing and identifying the negative social and economic impacts resulting from activities related to Article 6.2, including the cumulative impact of these activities;
  - (b) Developing, implementing and regularly updating measures to address the negative social and economic impacts resulting from activities related to Article 6.2, including the cumulative impact of these activities;
  - (c) Regular sharing of information with the forum on the impact of the implementation of response measures (referred to in paragraph 33 of Decision 1/CP.21) to support the above activities.
-

## Annex II

### **Draft containing draft work plan of follow-up work to be carried out in 2019**

1. *Requests* the Subsidiary Body for Scientific and Technological Advice (SBSTA) to undertake the following work and develop recommendations for a draft decision for consideration and adoption by the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement (CMA) at its second session (2019).

#### **I. Preamble** {no element for work plan for 2019}

#### **II. Principles** {no element for work plan for 2019}

#### **III. Scope** {no element for work plan for 2019}

#### **IV. Purpose** {no element for work plan for 2019}

#### **V. Definitions** {no element for work plan for 2019}

#### **VI. Internationally transferred mitigation outcomes** {no element for work plan for 2019}

#### **VII. Governance**

##### **A. Role of the Conference of the Parties serving as the meeting of the Parties to the Paris Agreement** {no element for work plan for 2019}

##### **B. Oversight arrangements** {no element for work plan for 2019}

##### **C. Review**

###### **1. Ex-ante review**

**Option A** {ex-ante review by the 6.2 body} and

**Option B** {ex ante review by Article 6 expert review} and

**Option E** {ex-ante review by the Article 6 body}

2. *Requests* the SBSTA to develop recommendations on the implementation of the ex-ante review for consideration and adoption by the CMA at its second session.

###### **2. Periodic and ex-post review**

**Option A** {periodic and/or ex-post review}

**Option A1** {review by the 6.2 body} {potential list below}

3. *Requests* the SBSTA to develop recommendations on the functions of the 6.2 body in reviewing the information for consistency with this guidance, for consideration and adoption by the CMA at its second session, on the basis of the following possible elements {potential list below}:

- (a) Standards and methodologies used in the cooperative approach;

- (b) Whether the Party has used approved methodologies and baseline approaches for cooperative approaches that are no less rigorous than similar methodologies and baseline approaches approved under the mechanism established by Article 6, paragraph 4;
  - (c) Review the information submitted by the Party through comparison and cross-checking of information submitted.
4. *Requests* the SBSTA to develop recommendations on the functions of the 6.2 body to oversee the correction of accounting/corresponding adjustment errors identified with regard to ITMOs used towards achievement of its NDC for consideration and adoption by the CMA at its second session.
  5. *Requests* the SBSTA to develop recommendations on functions of the 6.2 body following its review, in relation to its role to determine whether the Party's participation in cooperative approaches is consistent with the guidance, for consideration and adoption by the CMA at its second session.

**Option A2 {review conducted by Article 13 technical expert review} {potential list below}**

6. *Requests* the SBSTA to develop recommendations on the functions of the technical expert review, in reviewing the information for consistency with this guidance as referred to in the modalities, procedures and guidelines for Article 13 relating to Article 13, paragraph 7(b) *{the MPGs to refer to this guidance for required Article 6 information}*, for consideration and adoption by the CMA at its second session,
7. *Requests* the SBSTA develop recommendations on the functions of the technical expert review to provide assurance, for consideration and adoption by the CMA at its second session;
8. *Requests* the SBSTA to develop recommendations on the functions of the technical expert review to submit its review for consideration by the committee referred to in Article 15, paragraph 2 for consideration and adoption by CMA at its second session.

**Option A3 {review conducted by Article 6 technical expert review}**

9. *Requests* the SBSTA to develop recommendations on the composition and terms of reference for the Article 6 expert review for consideration and adoption by the CMA at its second session.
10. *Requests* the SBSTA to develop recommendations on *{potential list above in Option A2}*

**Option A4 {combination of Option A1 and Option A2/A3} {potential list above in Option A1 and Option A2}**

**Option A5 {review conducted by the Article 13 technical expert review, but not necessarily sent to Article 15 committee} {new option resulting from additions made into the May informal note},**

11. *Requests* the SBSTA to develop recommendations on the functions of the technical expert review, in reviewing the information for consistency with the guidance for consideration and adoption by CMA 2;
12. *Requests* the SBSTA develop recommendations on the functions of the technical expert review to provide assurance, for consideration and adoption by CMA;

**D. Role of the secretariat {further development may be required for implementation}**

13. *Requests* the SBSTA to develop recommendations on the functions of the secretariat on the basis of the following possible functions for consideration and adoption by the CMA at its second session:
  - (a) Maintain a database as outlined in section XIV (Infrastructure);
  - (b) Maintain a multilateral registry for Parties that do not wish to have their own registry;
  - (c) Administer an international transaction log to record, validate and verify transactions, including creation and first/only transfers, transfers, acquisition, and use towards achievement of an NDC of ITMOs;
  - (d) Administer an international transaction log to record, validate and verify transactions, including transfers and acquisitions;
  - (e) Compile and cross-reference information and check information submitted on corresponding adjustments;
  - (f) Make available information to the public on {further development may be required for implementation};
  - (g) Provide capacity-building to Parties to facilitate their participation in cooperative approaches.

- (h) Requests the SBSTA to develop recommendations on the reporting functions of the secretariat based on the following possible functions below or consideration and adoption by the CMA at its second session:
  - (i) Annually to the CMA on the share of proceeds collected pursuant to section XVI (Share of proceeds);
  - (ii) Annually to the CMA on the overall mitigation in global emissions achieved pursuant to section XV.A (Overall mitigation in global emissions);
  - (iii) On progress made by Parties in implementing and achieving NDCs, based on the information contained in the centralized accounting database;
  - (iv) On progress made by Parties in implementing and achieving NDCs, based on the information contained in the national registries or multilateral registry and the international transaction log.

## **E. Role of other actors**

- 14. *Requests* the SBSTA to develop recommendations for implementation of the role of other actors, for consideration and adoption by the CMA at its second session.

## **VIII. Participation requirements and responsibilities** *{no element for work plan for 2019}*

## **IX. Reporting**

### **A. Ex-ante reporting**

- 15. *Requests* the SBSTA to develop recommendations on the implementation of ex-ante reporting requirements contained in section IX.A of the guidance for consideration and adoption by the CMA at its second session.

### **B. Periodic and ex-post Party reporting**

- 16. *Requests* the SBSTA to develop recommendations on the information each participating Party [shall][should] provide pursuant to section IX.B of the guidance, for consideration and adoption by the CMA at its second session.

## **X. Corresponding adjustment**

### **A. ITMO information**

#### **1. Recording ITMO information**

##### **Option A** *{Parties record all ITMO information using}*

##### **Option A1** *{ITL maintained pursuant to section XIII}*

- 17. *Requests* the SBSTA to develop recommendations on the development and implementation of an international transaction log for consideration and adoption by the CMA at its second session.

##### **Option A2** *{central registry maintained pursuant to section XIII}*

- 18. *Requests* the SBSTA to develop recommendations on the development and implementation of a standard reporting table/format for consideration and adoption by the CMA at its second session.

##### **Option A3** *{registries (no standards or minimum standards) – standards in section XIII}*

- 19. *Requests* the SBSTA to develop recommendations on the centralized accounting database to record summaries of transfers, acquisitions and holdings for consideration and adoption by the CMA at its second session.

## **2. Reporting ITMO information**

20. *Requests* the SBSTA to develop recommendations on the Article 6, paragraph 2 electronic tabular format for consideration and adoption by the CMA at its second session.

## **B. Operationalizing the corresponding adjustment**

21. *Requests* the SBSTA to develop recommendations on the consolidation of the information contained in the electronic tabular formats submitted by a Parity into a centralized accounting database by the secretariat for consideration and adoption by the CMA at its second session.

## **C. Article 6, paragraph 2, corresponding adjustment**

## **D. Application of corresponding adjustment**

22. *Request* the SBSTA to develop recommendations on the operationalisation of the basis, application and timing of corresponding adjustments, consistent with section X of this guidance and taking into account the elements set out below, for consideration and adoption by the CMA at its second session:

### **Option A {Parties make a corresponding adjustment for first transfer and use }**

#### **Option A1 {budget-based}**

- (a) Effect a subtraction for all ITMOs/ITMOs created and transferred for the first/only time.
- (b) Effect an addition for all ITMOs/ITMOs used towards achievement of its NDC.

#### **Option A2 {emissions-based}**

- (c) Effect an addition for all ITMOs/ITMOs created and transferred for the first/only time.
- (d) Effect a subtraction for all ITMOs/ITMOs used towards achievement of its NDC.

#### **Option A3 {buffer registry based}**

- (e) Effect an addition for all ITMOs/ITMOs created and transferred for the first/only time through accounting under Article 4.13;
- (f) Effect a subtraction for all ITMOs/ITMOs used towards achievement of its NDC through accounting under Article 4.13.

#### **Option A4 {emission reductions based}**

- (g) Effect a subtraction for all ITMOs/ITMOs created and transferred for the first/only time.
- (h) Effect an addition for all ITMOs/ITMOs used towards achievement of its NDC.

### **Option B {Parties make a corresponding adjustment for transfers and acquisitions }**

#### **Option B1 {budget-based}**

- (i) Effect a subtraction for all ITMOs/ITMOs transferred.
- (j) Effect an addition for all ITMOs/ITMOs acquired.

#### **Option B2 {emissions-based}**

- (k) Effect an addition for all ITMOs/ITMOs transferred.
- (l) Effect a subtraction for all ITMOs/ITMOs acquired.

#### **Option B3 {buffer registry-based}**

- (m) Effect an addition for all ITMOs/ITMOs transferred.
- (n) Effect a subtraction for all ITMOs/ITMOs acquired.

#### **Option B4 {emission reductions based}**

- (o) Effect a subtraction for all ITMOs/ITMOs transferred.

- (p) Effect an addition for all ITMOs/ITMOs acquired.

*{end of Option B4}*

## **E. Use of ITMOs towards NDCs**

23. *Request* the SBSTA to develop recommendations on the operationalisation of the submission, compilation and comparison of the information submitted by participating Parties for consideration and adoption by the CMA at its second session.

## **XI. Specific guidance**

### **A. Sectors/greenhouse gases etc.**

24. *Requests* the SBSTA to develop recommendations for the implementation of the guidance relating to sectors/greenhouse gases for consideration and adoption by the CMA at its second session.

### **B. Single-year nationally determined contributions**

25. *Requests* the SBSTA to develop recommendations for the implementation of the guidance for single year NDCs, on the basis of the following possible elements, for consideration and adoption by the CMA at its second session:

#### **Option A {single-year vintage creation and authorised first transfer only}**

##### **Option A1 {where the corresponding adjustment is for creation, first/only transfer and use}**

- (a) A Party [shall][should] only create, first/only transfer and use towards achievement of its NDC ITMOs that were achieved in the same year as its single-year NDC.

##### **Option A2 {where the corresponding adjustment is for transfer and acquisition}**

- (b) A Party [shall][should] only transfer and acquire ITMOs that were achieved in the same year as its single-year NDC.

#### **Option B {cumulative corresponding adjustments}**

##### **Option B1 {where the corresponding adjustment is for creation, first/only transfer and use}**

- (c) A Party that creates and first/only transfers ITMOs [shall][should] make a corresponding adjustment in the single year for the total amount of ITMOs created and first/only transferred over the NDC implementation period and a Party that uses ITMOs towards achievement of its NDC [shall][should] make corresponding adjustment in the single year for the total amount of ITMOs used over the NDC implementation period.

##### **Option B2 {where the corresponding adjustment is for transfer and acquisition}**

- (d) A Party that transfers and acquires ITMOs achieved in the years of its NDC implementation period [shall][should] make a corresponding adjustment in the single year of its NDC for the total amount of ITMOs transferred/acquired over the entire NDC implementation period.

#### **Option C {comparison to a trend that would be consistent with NDC achievement}**

##### **Option C1 {where the corresponding adjustment is for creation, first/only transfer and use}**

- (e) A Party [shall][should] calculate a trajectory in relation to emissions for the NDC implementation period that is consistent with the achievement of its NDC in the single year and to make a corresponding adjustment for each year of the NDC implementation period equal to the total amount of ITMOs that it creates and first/only transfers and/or uses towards achievement of its NDC.

##### **Option C2 {where the corresponding adjustment is for transfer and acquisition}**

- (f) A Party [shall][should] calculate a trajectory in relation to emissions for the NDC implementation period that is consistent with the achievement of its NDC in the single year and to make a corresponding adjustment for each year of the NDC implementation period equal to the total amount of ITMOs that it transfers and acquires in each year of the NDC implementation period.

**Option D {averaging, including average per cooperative approach}**

**Option D1 {where the corresponding adjustment is for creation, first/only transfer and use}**

- (g) A Party [shall][should] calculate the average quantity of ITMOs that it creates, first/only transfers and uses towards achievement of its NDC by dividing the total ITMOs by the number of years of the NDC implementation period, including after averaging per cooperative approach, if applicable. The Party [shall][should] then make a corresponding adjustment for the average amount of ITMOs in the single year of its NDC.

**Option D2 {where the corresponding adjustment is for transfer and acquisition}**

- (h) A Party [shall][should] calculate the average quantity of ITMOs that it transfers and acquires by dividing the total ITMOs by the number of years of the NDC implementation period, including after averaging per cooperative approach, if applicable. The Party [shall][should] then make a corresponding adjustment for the average amount of ITMOs in the single year of its NDC.

**Option E {representative corresponding adjustments}**

**Option E1 {where the corresponding adjustment is for creation, first/only transfer and use}**

- (i) A Party [shall][should] identify all ITMOs that it creates, first/only transfers and uses towards achievement of its NDC and make a corresponding adjustment in the single year for an amount that is representative of the amount of ITMOs created, first/only transferred and used towards achievement of its NDC.

**Option E2 {where the corresponding adjustment is for transfer and acquisition}**

- (j) A Party [shall][should] identify all ITMOs that it transfers and acquires in each year of its NDC implementation period and make a corresponding adjustment in the single year for an amount that is representative of the amount of ITMOs that it transfers and acquires in each year of its NDC implementation period.

**Option F {reporting consistent with this guidance, periodically}**

**Option F1 {where the corresponding adjustment is for creation, first/only transfer and use}**

- (k) A Party [shall][should] make a corresponding adjustment for all ITMOs that it creates, first/only transfers and uses towards achievement of its NDC, consistent with the reporting requirements in this guidance.

**Option F2 {where the corresponding adjustment is for transfer and acquisition}**

- (l) A Party [shall][should] make a corresponding adjustment for all ITMOs that it transfers and acquires, consistent with the reporting requirements of this guidance.

**Option G {no specific guidance}**

{no text required}

**C. Multi-year nationally determined contributions**

26. Requests the SBSTA to develop recommendations on requirements for a corresponding adjustment for a Party with a multi-year NDC, on the basis of the following elements, for consideration and adoption by the CMA at its second session:

**Option A {specific guidance on multi-year NDC}**

27. The Party [shall][should] make a corresponding adjustment for the total amount of ITMOs:

**Option A1 {where the corresponding adjustment is for creation, first/only transfer and use}**

- (a) Created, first/only transferred and used towards achievement of its NDC over the NDC period;

**Option A2 {where the corresponding adjustment is for transfer and acquisition}**

- (b) Transferred and acquired over the NDC period.

**Option B {no specific guidance}**

{no text required}

## **D. Pre-2020/2021 units/internationally transferred mitigation outcomes**

28. *Requests* the SBSTA develop recommendations on the treatment of pre-2020 units/ITMOs taking into account the following options, for consideration and adoption by the CMA at its second session:

**Option A {use of pre-2020/2021 units/ITMOs, corresponding adjustment for creating and using Party}**

- (a) Where a Party is using pre-2020/2021 units/ITMOs towards achievement of its NDC, both the creating Party and the using Party [shall][should] make a corresponding adjustment consistent with section X (Corresponding adjustment).

**Option B {use of pre-2020/2021 units/ITMOs, corresponding adjustment only for using Party}**

- (b) The Party using pre-2020/2021 units/ITMOs towards achievement of its NDC [shall][should] make a corresponding adjustment consistent with section X (Corresponding adjustment).

**Option C {no use of pre-2020/2021 units}**

- (c) No Party [shall][should] use pre-2020/2021 units/ITMOs towards achievement of its NDC.  
{end of Option C}

**Option D {ITL} {an option that results from the May Informal Note}**

- (d) Implementation of the corresponding adjustment through the international transaction log, including recommendations relating to invitations to the CMP, where appropriate.

## **XII. Application of this guidance to emission reductions certified under the mechanism established by Article 6, paragraph 4**

29. *Requests* the SBSTA to develop recommendations for implementation of the guidance in relation to emission reductions certified under the mechanism established by Article 6, paragraph 4, for consideration and adoption by the CMA at its second session.

## **XIII. Infrastructure**

### **A. Registry requirements**

**Option A {registries} {potential list below}**

30. *Requests* the SBSTA to develop recommendations on the implementation of the requirements for registries for consideration and adoption by the CMA at its second session.

**Option B {distributed ledger}**

31. *Requests* the SBSTA to develop recommendations on the requirements for distributed ledgers for consideration and adoption by the CMA at its second session.

### **B. International transaction log/~~centralized accounting~~ database/distributed ledger**

**Option A {international transaction log}**

32. *Requests* the SBSTA to develop recommendations on the development and implementation of an international transaction log for consideration and adoption by the CMA at its second session.

**Option B {database}**

33. *Requests* the SBSTA to develop recommendations on the database to record summaries of transfers, acquisitions and holdings, on the basis of the following possible elements for consideration and adoption by the CMA at its second session:
- (a) The information on the scope and 'NDC quantity' in CO2 equivalent;

- (b) The information on its current level of emissions and removals covered by its NDC;
- (c) The accounting balance determined consistent with guidance on the basis of reported emission and removals covered by each participating Parties NDC;
- (d) The corresponding adjustments to the accounting balances of participating Parties consistent with guidance on corresponding adjustment, in respect of emissions and removals covered by the NDCs of the participating Parties, and based on reported ITMOs by those Parties.

**Option C** *{distributed ledger}*

34. *Requests* the SBSTA to develop recommendations on the development and implementation of a distributed ledger for consideration and adoption by the CMA at its second session.

**Option D** *{no guidance required as no such infrastructure required, as reporting required}*

*{no text required}*

**XIV. Safeguards** *{no work plan elements}*

**XV. Overall mitigation in global emissions in context of Article 6, paragraph 2** *{no work plan elements}*

**XVI. Share of proceeds for adaptation** *{no work plan elements}*

**XVII. Adaptation ambition** *{no work plan elements}*

**XVIII. Addressing negative social and economic impacts, Article 4, paragraph 15** *{no work plan elements}*

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