

**AD HOC WORKING GROUP ON FURTHER COMMITMENTS FOR ANNEX I
PARTIES UNDER THE KYOTO PROTOCOL (AWG-KP)**

**First part of the ninth session
Bangkok, 28 September to 9 October 2009**

Non-paper No. 1/Rev.1

CONTACT GROUP ON OTHER ISSUES (BASKETS)

Revised annex III to document FCCC/KP/AWG/2009/10/Add.3/Rev.1

Non-paper by the co-chair

Compilation of proposals for elements of draft decisions of the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol on greenhouse gases, sectors and source categories; common metrics to calculate the carbon dioxide equivalence of anthropogenic emissions by sources and removals by sinks; and other methodological issues

In relation to greenhouse gases, sectors and source categories

Option 1:

1. *Reaffirms* that the actual emissions of hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride, including new species identified by the Intergovernmental Panel on Climate Change in its Fourth Assessment Report, should be estimated, where data are available, and used for the reporting of emissions.

Option 2:

Provisions of the Kyoto Protocol relating to coverage of greenhouse gases and sectors remain unchanged.

Option 3¹:

Reaffirms that the actual emissions of hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride [as well as] [including] [the] new [gases and] species [of gases] identified by the Intergovernmental Panel on Climate Change in its Fourth Assessment Report, [fluorinated ethers (HFE), Perfluoropolyethers (PFPE), nitrogen trifluoride (NF₃), trifluoromethyl sulphur pentafluoride (SF₅CF₃)] should be estimated, where [data] [methodologies] are available, and used for the reporting of emissions.

In relation to common metrics to calculate the carbon dioxide equivalence of emissions by sources and removals by sinks

Option 1:

2. *Decides* that for the purposes of this agreement, the global warming potentials used to calculate the carbon dioxide equivalence of anthropogenic emissions by sources and removals by sinks of greenhouse gases listed in Annex A to the Kyoto Protocol shall be those provided by the Intergovernmental Panel on Climate Change in its Fourth Assessment Report based on the effects of the greenhouse gases over a 100-year time horizon. Any revision to a global warming potential by the Intergovernmental Panel on Climate Change subsequent to the Fourth Assessment Report or revisions of the approach to calculate carbon dioxide equivalence shall apply only to commitments under Article 3 of

¹ This option was amended during the first part of the ninth session of the AWG-KP following a request by the Party that proposed the option.

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the Kyoto Protocol in respect of any commitment period adopted subsequent to that revision. [Those global warming potentials so agreed would be used to determine fulfilment of mitigation commitments for the second commitment period.]

Option 2:

Provisions of the Kyoto Protocol relating to global warming potentials remain unchanged until the Subsidiary Body for Scientific and Technological Advice concludes its consideration of this matter and, if appropriate, recommends a draft decision adopting global temperature potentials as a common metric.

Option 3:

Provisions of the Kyoto Protocol relating to global warming potentials remain unchanged for the second commitment period of the Kyoto Protocol, [except for those greenhouse gases included in the Kyoto Protocol for which GWP values are not available in the Second Assessment Report of the Intergovernmental Panel on Climate Change. For such gases, the global warming potentials used to calculate the carbon dioxide equivalence of their anthropogenic emissions by sources and removals by sinks, for the second commitment period shall be the GWP values provided by the Intergovernmental Panel on Climate Change in its Fourth Assessment Report based on the effects of the greenhouse gases over a 100-year time horizon].

Option 4:

Decides that the global warming potentials used by Parties for the second commitment period of the Kyoto Protocol shall be those provided in the Second Assessment Report of the Intergovernmental Panel on Climate Change based on the effects of greenhouse gases over a 100-year time horizon, taking into account the inherent and complicated uncertainties involved in global warming potential estimates.

Requests the Subsidiary Body for Scientific and Technological Advice to assess, based on the work of, inter alia, the Intergovernmental Panel on Climate Change presented in its Fifth Assessment Report, the implications of the choice of metrics used to calculate the carbon dioxide equivalence of anthropogenic emissions by sources and removals by sinks of the greenhouse gases listed in Annex A to the Kyoto Protocol for the third commitment period.

Further requests the Subsidiary Body for Scientific and Technological Advice to present its recommendations to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol no later than at its [Xth] session.

Decides that no later than its [Xth] session, the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol shall review and, as appropriate, revise such metrics for the third commitment period. Any revision to such metrics shall apply only to commitments under Article 3 in respect of any commitment period adopted subsequent to that revision.

Calls upon the Parties to the Kyoto Protocol to maintain a coherent approach between the Convention and its Kyoto Protocol in relation to the metrics used to calculate the carbon dioxide equivalence of greenhouse gases.

In relation to application of the 2006 IPCC Guidelines for National Greenhouse Gas Inventories

[*Recalling* that the Subsidiary Body for Scientific and Technological Advice, at its thirtieth session, agreed to launch a work programme in 2010 to revise the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines

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on annual inventories” and to address the methodological issues related to reporting when using the *2006 IPCC Guidelines for National Greenhouse Gas Inventories*, with a view to recommending revised UNFCCC reporting guidelines on annual inventories for adoption by the Conference of the Parties for regular use starting in 2015,]

3. [Decides that starting] [Starting] with the second commitment period for the greenhouse gases and sectors/source categories listed in Annex A, the methodologies for estimating anthropogenic emissions by sources and removals by sinks of all greenhouse gases not controlled by the Montreal Protocol shall be consistent with [the 2006 IPCC Guidelines for National Greenhouse Gas Inventories] [those indicated in the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual inventories”, as revised by the Subsidiary Body for Scientific and Technological Advice through its work programme launched in 2010, and subsequently agreed by the Conference of the Parties at its [...] session]. For the estimation and accounting of anthropogenic emissions by sources and removals by sinks of greenhouse gases under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol shall agree on supplementary methodologies by its [...] session, which shall be based on, inter alia, chapter 4 of the 2003 *Good Practice Guidance for Land Use, Land-Use Change and Forestry* of the Intergovernmental Panel on Climate Change.

4. Time series of emissions by sources and removals by sinks of greenhouse gases, including base year emissions, shall be recalculated for the second commitment period [of the Kyoto Protocol]. The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol shall revise the technical guidance for adjustments at its [...] session[, taking into account the *2006 IPCC Guidelines for National Greenhouse Gas Inventories*].

5. [The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol shall, at its [...] session, address any transitional issues.]

[In relation to the sector/source categories listed in Annex A

6. Agrees that for the Second commitment period of the Kyoto Protocol:

- (a) The category “Energy/Fuel combustion/Other” includes the subcategory “CO₂ transport and storage”;
- (b) The category “Industrial processes/Other” includes the subcategory “electronics industry”;
- (c) The category “Waste/Other” includes the subcategory “biological treatment of solid waste”.]

In relation to cross-cutting issues

7. Notes the need to revise the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual inventories”, contained in document FCCC/SBSTA/2006/9, to implement the provisions pursuant to paragraphs 3–6 above.

8. Invites the Conference of the Parties to revise the guidelines referred to in paragraph 7 above.

9. Requests the Subsidiary Body for Scientific and Technological Advice to prepare, for adoption by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its eighth session (2012), draft decisions incorporating the provisions pursuant to paragraphs 1–3 above into the following decisions:

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- (a) Decision 13/CMP.1 on the modalities for the accounting of assigned amounts under Article 7, paragraph 4 of the Kyoto Protocol;
- (b) Decision 14/CMP.1 on a standard electronic format for reporting Kyoto Protocol units;
- (c) Decision 15/CMP.1 on the guidelines for the preparation of the information required under Article 7 of the Kyoto Protocol;
- (d) Decision 19/CMP.1 on the guidelines for national systems under Article 5, paragraph 1 of the Kyoto Protocol;
- (e) Decision 21/CMP.1 on issues relating to adjustments under Article 5, paragraph 2 of the Kyoto Protocol;
- (f) Decision 22/CMP.1 on the guidelines for review under Article 8 of the Kyoto Protocol;
- (g) Decision 6/CMP.3 on good practice guidance for land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol.
