



UNITED
NATIONS



Framework Convention
on Climate Change

Distr.
GENERAL

FCCC/KP/AWG/2010/6/Add.4
29 April 2010

Original: ENGLISH

**AD HOC WORKING GROUP ON FURTHER COMMITMENTS
FOR ANNEX I PARTIES UNDER THE KYOTO PROTOCOL**

Twelfth session

Bonn, 1–11 June 2010

Item 3 of the provisional agenda

Consideration of further commitments for Annex I Parties under the Kyoto Protocol

Documentation to facilitate negotiations among Parties

Note by the Chair*

Addendum

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

This addendum is a draft decision text on options relating to 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, for consideration by the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol at its twelfth session. It has been prepared pursuant to paragraph 27 (a) of document FCCC/KP/AWG/2010/3.

* This document was submitted after the due date owing to the short interval between the eleventh and twelfth sessions of the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol.

Draft decision -/CMP.5

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

The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol,

Recalling Article 3, paragraph 9, and Articles 5, 7, 8, 20 and 21 of the Kyoto Protocol,

Also recalling decisions 1/CMP.1 and 3/CMP.4,

Having considered proposals by Parties relating to 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,

Noting the reports of the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol on its tenth session and the oral report by the Chair to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its fifth session,

Taking into account proposals by Parties for elements of draft decisions contained in the annex to the report of the Ad Hoc Working Group on Further Commitments for Annex I Parties to the Kyoto Protocol at its tenth session,

In relation to greenhouse gases, sectors and source categories

Option 1:

1. *[Affirms] [Decides]* that, for the second commitment period of the Kyoto Protocol, the actual emissions of hydrofluorocarbons and perfluorocarbons, including new species included by the Intergovernmental Panel on Climate Change in its Fourth Assessment Report, as well as actual emissions of sulphur hexafluoride, [nitrogen trifluoride], [fluorinated ethers], [perfluoropolyethers] [and] [trifluoromethyl sulphur pentafluoride] should be estimated, [where data [or methodologies] are available,] and used for the reporting of emissions [and shall be included in the coverage of the quantified emission limitation and reduction objectives for the second commitment period];

Option 2:

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

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

2. *Decides* that, for the second commitment period of the Kyoto Protocol, the global warming potentials used by Parties 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 Second Assessment Report as referred to in decision 2/CP.3 (“1995 IPCC GWP values”)] [listed in the column entitled “Global Warming Potential for Given Time Horizon” in table 2.14 of the Errata to the contribution Working Group I to the Fourth 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;

[Note: If the Parties decide to use the Second Assessment Report and to add new gases or new groups of gases to Annex A, then the following text would be added to the paragraph above:]

3. *Also decides* that for those greenhouse gases listed in Annex A to the Kyoto Protocol for which values for global warming potentials are not provided in the Second Assessment Report, the values used shall be those listed in the column entitled “Global Warming Potential for Given Time Horizon” in table 2.14 of the Errata to the contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, based on the effects of greenhouse gases over a 100-year time horizon;]

4. *Requests* the Subsidiary Body for Scientific and Technological Advice to conduct an assessment, based on the work of, inter alia, the Intergovernmental Panel on Climate Change, of 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 or subsequent commitment periods;

5. *Also requests* the Subsidiary Body for Scientific and Technological Advice to initiate such an assessment no later than 2015 and present its recommendations on the most appropriate metric and related values to be used by Parties to the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, with a view to the Conference of the Parties serving as the meeting of the Parties adopting a decision on the metric and related values;

6. *Decides* that any decision adopted by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol to change the metric or revise the values used by Parties to calculate carbon dioxide equivalence shall apply only to commitments under Article 3 of the Kyoto Protocol in respect of any commitment period adopted subsequent to that change or revision;

7. *Encourages* the Parties to the Convention, the Kyoto Protocol and any related legal instruments to strive for a consistent approach in relation to the metric and related values used by Parties to calculate the carbon dioxide equivalence of greenhouse gases;

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

8. *Acknowledges* 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 on annual inventories” (hereinafter referred to as the UNFCCC Annex I reporting guidelines) 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 a draft decision on revised UNFCCC Annex I reporting guidelines for adoption by the Conference of the Parties for regular use starting in 2015;

9. *Decides* that, starting with the second commitment period of the Kyoto Protocol, the methodologies for estimating anthropogenic emissions by sources and removals by sinks of greenhouse gases not controlled by the Montreal Protocol for the greenhouse gases and sectors/source categories listed in Annex A to the Kyoto Protocol shall be consistent with the *2006 IPCC Guidelines for National Greenhouse Gas Inventories* as implemented through the revised UNFCCC Annex I reporting guidelines to be adopted through the process referred to in paragraph 8 above;

10. *Also decides* that 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, referred to in paragraph xx of decision -/CMP.5, at its [...] session at the latest which shall be based on, inter alia, chapter 4 of the *Good Practice Guidance for Land Use, Land-Use Change and Forestry* of the Intergovernmental Panel on Climate Change;

11. *Further decides* that 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.

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

12. *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

13. *Requests* the Subsidiary Body for Scientific and Technological Advice to assess the implications of the action taken in accordance with paragraphs 1–11 above on the decisions that guide the reporting and review under Articles 5, 7 and 8 of the Kyoto Protocol, with a view to preparing relevant draft decisions for adoption by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its seventh session, at the latest;

14. *Also requests* the Subsidiary Body for Scientific and Technological Advice to address any transitional issues arising from actions taken in accordance with paragraphs 1–12 above on the decisions that guide the reporting and review under Articles 5, 7 and 8 of the Kyoto Protocol, with a view to preparing relevant draft decisions for adoption by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol at its seventh session, at the latest.
