

**AD HOC WORKING GROUP ON LONG-TERM COOPERATIVE ACTION  
UNDER THE CONVENTION Fourteenth session (third part) Panama City, 1œ7  
October 2011**

**WORK OF THE AWG-LCA CONTACT GROUP Agenda item 3.2.2**

**Nationally appropriate mitigation actions by developing country Parties Version  
of 14 October 2011 @ 16.30**

*Non-paper by the co-facilitators*

**I. [Possible elements of draft decision for adoption of guidelines for biennial  
update reports from Parties not included in Annex I to the Convention]**

1. *Recall relevant decisions;*
2. ***Recognizing the need for better information on national emissions and climate change policies from all Parties to more accurately judge the extent of global climate change and the effectiveness of the global response***
3. *Recognize the need for enhanced support;*
4. *Invitation to the GEF and to Annex II and other Parties for provision of support for preparation of biennial update reports;*
5. *Frequency of submission of biennial update reports;*
6. *Flexibility in reporting;*
7. *Date of submission of the first biennial update reports.*

**Possible elements of draft guidelines for biennial update reports from Parties not  
included in Annex I to the Convention<sup>1</sup>**

**I. Introduction**

1. Parties not included in Annex I to the Convention (non-Annex I Parties) shall submit reports on **[a]** biennial basis as a component of their national communication and in biennial update reports. Least Developed Countries (LDCs) and Small Island Developing States (SIDS) may submit biennial update reports at their discretion.
2. [Non-Annex I Parties will implement these guidelines consistent with their capabilities and the level of support provided].

**A. Objectives**

3. The objectives of the guidelines for the preparation of the biennial update reports from non-Annex I Parties are:
  - (a) To assist non-Annex I Parties in meeting their reporting requirements under Articles 4, paragraph 1(a) and 12 of the Convention and decision 1/CP.16;
  - (b) [To encourage the presentation of information in a consistent, transparent, comparable<sup>2</sup>, complete, accurate, timely **[taking into account specific national [circumstances]**
  - (c) [To facilitate provision of information on mitigation actions and their effects **by developing country Parties.**]
  - (d) To facilitate the presentation of information on finance, technology and the capacity-building support required [and received] for the preparation of biennial update reports;
  - (e) [To serve as **[a source of]** policy guidance to the operating entity of the financial mechanism for the timely provision of financial support needed by developing country Parties in order to meet the agreed full costs of complying with their obligations under Article 12, paragraph 1];
  - (f) To enable enhanced reporting by non-Annex I Parties in accordance with their capacities and respective capabilities, and the availability of support;
  - (g) To ensure that the Conference of the Parties (COP) has sufficient information to carry out its responsibility of assessing the implementation of the Convention by Parties.

(h) [To facilitate the international consultations and analysis of biennial reports under the Subsidiary Body for Implementation.]

## B. Scope

4. The scope of biennial update reports is to provide an update to the most recently submitted national communication in the following areas:

- (a) The national inventory of anthropogenic emissions by sources and removal by sinks of all greenhouse gases (GHGs) not controlled by the Montreal Protocol, including a national inventory report;
- (b) [Information on mitigation actions and their effects];
- (c) [Information on methodologies and assumptions];
- (d) A description of support needed and received;
- (e) [Information on the level of support received to enable the preparation and submission of biennial update reports];
- (f) [Information on domestic measurement reporting and verification **[systems]**];
- (g) Any other information that the non-Annex I Party considers relevant to the achievement of the objective of the Convention and suitable for inclusion in its biennial update report.

## II. National greenhouse gas inventory

5. Each non-Annex I Party shall, in accordance with Article 4, paragraph 1(a), and Article 12, paragraph 1(a), of the Convention, communicate to the COP an updated national inventory of anthropogenic emissions by sources and removals by sinks of all GHGs not controlled by the Montreal Protocol, **[to the extent [of the provision of funds from developed country Parties], and its capacities permit, following the provisions in these guidelines]**.

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*The use of term —comparable“ is consistent with paragraph 1(b) of the annex to the decision 17/CP.8*

6. Each non-Annex I Party [shall] [should] submit inventory data for the year [according to the provision of funds] [2010] [N-X]<sup>3</sup> [not more than Y years from the date of last submission]. LDCs and SIDS [should] [may] estimate their national GHG inventories for recent years at their discretion [Developing country Parties whose share of global emissions is less than 1% **[of the global total]** may also estimate their national GHG inventories for recent years at their discretion]

Non-Annex I Parties should submit summary information tables of previously reported inventory or inventories (for example for years 1994 and 2000).

8. The inventory submission [shall][should] **[include ]** a national inventory report (NIR).

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### A. Methodologies [Enabling environment to implement methodologies]

9. Non-Annex I Parties should use the IPCC Guidelines approved by the COP for estimating and reporting their updated national GHG inventories. Parties may also continue to use UNFCCC NAI Greenhouse Gas Inventory Software to calculate and report emissions and removals, and report key category analysis.

**10.** In accordance with the IPCC Guidelines and depending on their capacity, Parties may use different methods (tiers) included in the IPCC Guidelines to estimate their emissions, giving priority to those methods which are believed to produce the most accurate estimates, depending on national circumstances and the availability of data.

Format

**11.** The IPCC Guidelines offer a default methodology which includes default emission factors and in some cases default activity data. As these default factors, data and assumptions may not always be appropriate for specific national circumstances, non-Annex I Parties, as encouraged by the IPCC Guidelines, can also use national methodologies and regional emission factors and activity data for key sources, where they consider these to be better able to reflect their national situations, provided that these methodologies are more accurate than the default data and are documented transparently.

**12.** Non-Annex I Parties are encouraged to apply the IPCC good practice guidance, taking into account the need to improve transparency, consistency, comparability, completeness and accuracy in inventories.

**13.** Non-Annex I Parties are also encouraged, to the extent possible, to undertake any key category analysis as indicated in the IPCC good practice guidance to assist in developing inventories that better reflect their national circumstances;

**14.** [Non-Annex I Parties [should] include a national inventory report with information on the compilation of the inventory, including information on: institutional arrangements; analysis of key categories; methodologies, assumptions, emission factors and activity data used; level of uncertainty; [changes from previous years]; quality

assurance/quality control; and identification of areas of improvement noting that accuracy will improve over time]

15. [Non-annex I Parties **[are encouraged to]** use the [2006] IPCC Guidelines **[and the GWPs in the Fourth Assessment Report, in accordance with their capacity]** **[.]** Deleted  
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## B. Reporting <sup>4</sup> [Enabling environment for preparation of reporting]

16. Non-Annex I Parties [should][are encouraged to] describe updates to procedures and arrangements undertaken to collect and archive data for the preparation of national GHG inventories, as well as efforts to make this a continuous process, including information on the role of the institutions involved.
17. Each non-Annex I Party shall, as appropriate and to the extent possible, provide in its updated national inventory, on a gas-by-gas basis and in units of mass, estimates of anthropogenic emissions of carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and nitrous oxide (N<sub>2</sub>O) by sources and removals by sinks. **Depending on its capacity and the significance<sup>5</sup> of a gas's contribution to its national GHG emissions total, each non-Annex I Party [should] provide, on a gas-by-gas basis and in units of mass, estimates on all other gases not controlled by the Montreal Protocol.** Deleted

<sup>3</sup> *N-X denotes that data would be submitted for [x] years prior to the date of submission. For example, if biennial update reports were submitted in 2013, the data would be for 2011, in case of to N-2*

<sup>4</sup> *Some Parties have suggested that providing information in tabular formats may assist with streamlining reporting of biennial update reports.*

18. **[** Each non-Annex I Party, depending on its capacity and the significance<sup>5</sup> of a gas is encouraged to also provide in its national inventory, on a gas-by-gas basis and in units of mass, estimates on the following greenhouse gases: perfluorocarbons (PFCs), hydrofluorocarbons (HFCs) and sulphur hexafluoride (SF<sub>6</sub>)**]** **[Non-Annex I Parties should, to the extent possible, and if disaggregated data are available, report emissions from international aviation and marine bunker fuels separately in their inventories. Emission estimates from these sources should not be included in the national totals].** Format  
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19. [Non-Annex I Parties [should] [wishing to] report on aggregated GHG emissions and removals expressed in CO<sub>2</sub> equivalents using the global warming potentials (GWPs) provided by the IPCC in its Second Assessment Report (— the 1995 IPCC GWP Values<sup>6</sup>) based on the effects of GHGs over a 100-year time horizon.] Format
20. Non-Annex I Parties [should][are encouraged to] provide updated information on methodologies used in the estimation of anthropogenic emissions by sources and removals by sinks of GHGs not controlled by the Montreal Protocol, including on the sources of emission factors and activity data. [Where previously reported data has been recalculated, non-Annex I Parties should describe the reasons for the recalculation, the manner in which the recalculations have been undertaken and the effect in terms of emissions/removals reported.]
21. Non-Annex I Parties [should] [are encouraged to] include in their biennial update reports the inventory sectoral tables and worksheets of the IPCC, in electronic format.
22. Non-Annex I Parties **[shall]** **[are encouraged to]** provide updated information on the level of uncertainty associated with inventory data and their underlying assumptions, and to describe the methodologies used, if any, for estimating these uncertainties. Deleted

## III. Mitigation actions [supported by developed country Parties]

### Option 1

23. Non-Annex I Parties [shall][are encouraged to] provide up-to-date information on actions to mitigate climate change, by addressing anthropogenic emission by sources and removals by sinks of all GHGs not controlled by the Montreal Protocol.
24. For each mitigation action or suite of mitigation actions [supported by developed countries and voluntarily reported for unsupported actions] [both supported and unsupported], [including those actions contained in document FCCC/AWGLCA/2011/INF.1] non-Annex I Parties are encouraged to provide the following [to the extent possible][as per respective capabilities and capacities].
- (a) Name and description of the mitigation action, including up-to-date information on the nature of the action, [base year] [start date and time frame], coverage (i.e. sectors and gases), quantitative goals and progress indicators;
  - (b) Objectives of the policy or measure;
  - (c) Up-to-date information on the progress of implementation, and the results achieved, such as estimated outcomes (metrics depending on type of action) and estimated emissions reductions, to the extent possible. Highlight whether the policy or measure is in the planning stage or is adopted or whether it is under implementation;

- (d) Information on their projected emissions and removals for the sectors reported in their GHG inventory, in accordance with their capacities and respective capabilities;
- (e) [Supplementary information on incremental costs, related public or private investments, and expected benefits other than mitigation for each action or a group of actions];
- (f) Parties participating in bilateral and multilateral offset programmes should provide **up to-date** information on offset programme elements including offset type, coverage, rules, including leakage.

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*Definition of this term needs to be further elaborated.*

- (g) Up-to-date information on methodologies and assumptions (specific to the mitigation action, including where relevant, methods for determining the baseline used, business-as-usual information or according to national or other metrics).

**(h) up-to-date information on domestic verification systems;**

*Option 2<sup>6</sup> (option to paragraphs 24 and 25)*

Based on national circumstances, non-Annex I Parties are encouraged to provide, to the extent their capacities allow, information on programmes and measures implemented or planned which contribute to mitigating climate change by addressing anthropogenic emissions by sources and removals by sinks of all GHGs not controlled by the Montreal Protocol, including, as appropriate, relevant information by key sectors on methodologies, scenarios, results, measures and institutional

#### IV. Finance, technology and capacity-building needs and support received

25. Non-Annex I Parties [shall] [should] also provide up-to-date information on financial resources, technology transfer, capacity-building, and technical support received from the Global Environment Facility (GEF), Annex II Parties, any other Parties, or bilateral and multilateral institutions, for activities relating to climate change and related financial, technical and capacity building needs, including for the preparation of the current biennial update report. The information should be **presented in relation to mitigation outcomes achieved through use of the support,** based on the most recent information available and should cover **at least** two more recent years since the submission of the last report.
26. Non-Annex I Parties are encouraged to provide, to the extent their capacities permit, a list of actions proposed for financing (support needs), in accordance with Article 12, paragraph 4, of the Convention, in preparation for arranging the provision of technical and financial support. For Parties using the registry, information on mitigation actions, should aim to be consistent with information provided in the Registry.
27. With regard to the development and transfer of technology, non-Annex I Parties [shall] [should] provide information on country-specific technology needs and technology support received, that is support received for activities to promote, facilitate or enhance the development, transfer and diffusion of climate technologies; this information shall at least include the donor country or organization, the amount of the financial support received, the description of the activity or initiative, and the type of technology transferred, including on how this assistance has been utilized in support of the development and enhancement of endogenous capacities, technologies and know-how.

#### V. Submission

29. The information provided in accordance with these guidelines [shall] be communicated by each non-Annex I Party to the COP in a single document, in electronic format.

Non-Annex I Party should submit its biennial update report in [English] [any official UN

30. Non-Annex I Party should submit its biennial update report in [English] [any official UN language].

31. Additional or supporting information may be supplied through other documents, such as a technical annex.

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Paragraph 40 of annex to the decision 17/CP.8

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Such as measures being considered by the government for future implementation

#### VI. [Updating the guidelines

32. These guidelines shall be reviewed and revised, as appropriate, in accordance with decisions of the COP.]