

## **WORK OF THE AWG-LCA CONTACT GROUP**

### **Agenda item 3.2.2**

#### **Nationally appropriate mitigation actions by developing country Parties**

**Version of 5 October 2011 @ 22.00 PM**

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

*Non-paper by the co-facilitators*

#### **I. Introduction**

1. Non-Annex I Parties will implement these guidelines consistent with their capabilities and the level of support provided.

#### **A. Objectives**

2. The objectives of the guidelines for the preparation of the biennial update reports from Parties not included in Annex I to the Convention (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, complete, accurate, timely and flexible manner, taking into account specific national circumstances;

(c) To facilitate the presentation of information on finance, technology and the capacity-building support needed and received;

(d) To serve as 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;

(e) To enable enhanced reporting for non-Annex I Parties in accordance with their capacities and respective capabilities, and the availability of support;

(f) To ensure that the Conference of the Parties (COP) and the Subsidiary Body for Implementation (SBI) have sufficient information to carry out its responsibility of assessing the implementation of the Convention by Parties.

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<sup>1</sup> The possible elements of guidelines for biennial update reports from developing country Parties presented here are broadly based on the relevant sections of the guidelines for the preparation of national communications from Parties not included in Annex I to the Convention as contained in the annex to decision 17/CP.8.

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## **B. Scope**

3. 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 ;

(c) A description of support needed and received;

(d) 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**

4. 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 its capacities permit, following the provisions in these guidelines.

5. Each non-Annex I Party shall submit inventory data for the year [2010] [N-X]<sup>2</sup> Least Developed Countries (LDCs) and Small Island Developing States (SIDS) should estimate their national GHG inventories for recent years at their discretion.

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

7. The inventory submission shall consist of a national inventory report (NIR).

### **A. Methodologies**

8. Non-Annex I Parties should use the IPCC Guidelines 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.

9. 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.

10. 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.

11. 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.

12. 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;

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<sup>2</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 N-2

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13. 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 activities data used; level of uncertainty; changes from previous years; quality assurance/quality control; and identification of areas of improvement.

14. Non-annex I Parties may use the recent IPCC Guidelines at their discretion.

## **B. Reporting**

15. Non-Annex I Parties should 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.

16. 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.

17. Each non-Annex I Party, depending on its capacity and the significance 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>).

18. 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.

19. Non-Annex I Parties should 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”) based on the effects of GHGs over a 100-year time horizon.

20. Non-Annex I Parties should 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 include in their biennial update reports the inventory sectoral tables and worksheets of the IPCC, in electronic format.

22. Non-Annex I Parties 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.

## **III. Mitigation actions**

23. Non-Annex I Parties shall 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 (both supported and unsupported) non-Annex I Parties should provide the following:

(a) Name and description of the mitigation action, including up-to-date information on the nature of the action, base year, coverage (i.e. sectors and gases), quantitative goals and progress indicators;

(b) Objectives of the policy or measure;

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(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) 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 other metrics).

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

25. Non-Annex I Parties shall 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 based on the most recent information available and should cover 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 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**

28. 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.

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

#### **VI. Updating the guidelines**

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

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