

**AD HOC WORKING GROUP ON LONG-TERM COOPERATIVE ACTION
UNDER THE CONVENTION
Fourteenth session (third part)
Panama City, 1-7 October 2011**

WORK OF THE AWG-LCA CONTACT GROUP

Agenda item 3.2.1

**Nationally appropriate mitigation commitments or actions by developed country Parties
version of 14 October 2011 @ 5PM**

Non-paper by the facilitator

**Possible elements of draft decision for adoption of the guidelines for biennial reports of
developed country Parties**

1. *Adoption* of the guidelines as contained in an annex to this decision.
2. *Decision* on the starting date of the submission of the biennial reports [and [**on the due date of submissions setting the date for by 1 January in the year in which they are due.**]
3. *Decision* to revise the guidelines to reflect the experience with reporting and review, **[including with the use of the standard electronic formats and tables]** [of any further reporting requirements] no later than [].

[4. *Decision* on requesting the UNFCCC secretariat to develop electronic reporting format following the agreed tables.]

Possible elements of draft guidelines for biennial reports of developed country Parties

I. Objectives

1. The objectives of these guidelines for preparing the biennial report are:
 - (a) To assist developed country Parties in meeting their commitments for reporting under Article 12 of the Convention **[and decision 1/CP.16];**
 - (b) To promote the provision of consistent, transparent, comparable, accurate and complete information by developed country Parties;
 - (c) To facilitate the international assessment and review (IAR) of emissions and removals related to the achievement of quantified economy-wide emission reduction targets [and on increasing of the level of ambition of the ambition of the economy-wide emission reduction targets];
 - (d) To assist the Conference of the Parties to carry out its responsibilities under the Convention.
 - [(e) 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.]**
 - [(f) To ensure that the Conference of the Parties (COP) has sufficient information to carry out the 2013-2015 and subsequent periodic reviews.]**

Ibis. General issues

1. **A standardized electronic format for data reporting and common structure shall be used by developed country Parties for reporting the relevant information as describes in the annexes of these guidelines.**

2. In years in which a submission of a national communication is due, the content of the biennial report as described in these guidelines shall be integrated¹ into the national communication.

3. The information identified in these guidelines shall be communicated by developed country Parties to the UNFCCC secretariat electronically, and shall be in one of the official languages of the United Nations. Parties should also submit a translation of the biennial report into English.]

II. Information on greenhouse gas emission inventory trends

2. Developed country Parties shall report summary information on greenhouse gas (GHG) trends by sector in tabular format [(to be defined)] [as set in the annex]. For the period from 1990 up to 2010, emissions information shall be reported [for five-year increments][annually]. After 2010, emissions information shall be provided annually and shall be consistent with that provided in the most recent annual inventory submission.

3. Developed country Parties shall report summary information on GHG trends by gas [and the indicators relevant to GHG] [for] emissions and removals in tabular format [(to be defined)] [as set in the annex].

4. Parties shall provide an explanation of these emission trends, the underlying drivers [and methodologies used and assumptions made] focusing on changes in the most recent years.

[5. Parties shall also provide [in a tabular format for key categories information on methodologies and emission factor] [[a brief general][detailed] description of the methodologies] used for the annual inventory[.] [and assumptions made.][with a reference to the methodologies elaborated by the Intergovernmental Panel on Climate Change and the accounting rules].]

[6. The summarized GHG inventory information as referred in para 2 -4 above is reported in the biennial report to provide a background of the GHG emissions and removals in a Party. The comprehensive GHG inventory information is submitted and reviewed annually under the Convention.]

III. Economy-wide emission reduction target

6. Each developed country Party shall describe its economy-wide emission reduction targets, [including any conditions or assumptions relevant to the attainment of that target,] as communicated to the UNFCCC secretariat and contained in document FCCC/SB/2011/INF.1/Rev.1 or any update to that document, [among which unconditional domestic target shall be clearly stated].

¹ The future structure and content of the national communication shall be discussed under the revision of the guidelines for Annex I national communications. However, in the future national communication submission should consist of two parts: Part 1 covering information reported in biennial reports along the guidelines for biennial reports and Part 2 covering additional information on items reported in the biennial report as well as information on other issues as reported currently in the national communication such as national circumstances, vulnerability assessment, climate change impacts and adaptation measures, research and systematic observation, education, training and public awareness.

7. The description of the Party's national economy-wide emission reduction target shall include, [in accordance with accounting rules adopted by decision XXX], as appropriate, the following information:

(a) The emission reduction target expressed as a per cent reduction in emission levels, the base year and base year level of emissions against which the per cent emission reduction is set, the year in which the target is to be achieved [, emission reduction trajectory and target converted into quantified emission limitation and reduction and assigned amount], [if applicable];

(b) Gases [and sectors] covered² [including at least the gasses and sectors included in Annex A of the Kyoto Protocol];

(c) [Global warming potential values used]³;

(d) Other information, such as interim or subsectoral targets, as appropriate.

8. [Each Party shall provide information on the role of the land use, land-use change and forestry (LULUCF) sector in achieving its emission reduction target [based on [common] internationally agreed accounting rules]. [This information shall include the following:

(a) Whether any emissions and/or removals from the LULUCF sector are included in the [base][reference] year emissions for the emission reduction target;

(b) Whether the accounting approach is activity-based, [as under the Kyoto Protocol,]or comprehensive land-based;

(c) [For Parties that are using activity-based accounting, the individual activities that will be accounted for.]]]

9. [[In accordance with common internationally agreed accounting rules,] Each Party shall provide information on its [anticipated] use of [international] carbon [credits][offset units]⁴ from market-based mechanisms [approved at the UNFCCC level] in achieving its economy-wide emission reduction target. This information shall include the following:

(a) A description of each of the sources of [international] carbon [credits][offset units] from market-based mechanisms [approved at the UNFCCC level];

(b) The scale of anticipated contributions from [each of] these sources;

(c) [For national, bilateral or regional market-based mechanisms, a description of the procedures and arrangements, including rules and methods used to calculate baselines, and verification and tracking systems, to ensure the integrity of carbon [credits][offset units] and to prevent double-counting of [emission reductions][different off-sets];]

(d) Share of [international] carbon [credits][offset units] from least developed countries.]

10. Each Party shall describe any domestic [institutional] arrangements, including legislation and administrative procedures, for monitoring[,] [or] [evaluation of and] enforcing progress towards its target.

IV. Progress in the achievement of economy-wide quantified emission reduction targets[and commitments]

A. [Mitigation actions and their effects]

² The EU has proposed to discuss this element as part of the negotiations on an international accounting system. Depending on the outcome of that discussion in Durban, this point could need to be adjusted.

³ The EU has proposed to discuss this element as part of the negotiations on an international accounting system. Depending on the outcome of that discussion in Durban, this point could need to be adjusted.

⁴ Exact language will need to be adjusted depending of the outcome of the ongoing negotiations on a new market-based mechanism.

11. Each developed country Party shall provide information on the mitigation actions, including policies and measures it has implemented or plans to implement to achieve its economy-wide emission reduction target. Parties shall organize reporting of mitigation actions by the following sectors: **cross-cutting,** energy industries, energy use in industry, other energy use, transport, industrial processes, agriculture, forestry and land use, and waste. Within each sector, Parties shall prioritize the reporting of actions with the most significant mitigation potential.

12. For mitigation actions that have not been previously reported in a previous national communication or biennial report, the Party shall provide a description of **each individual** mitigation action **or suite of actions,** including the following information: name and description of the action; type of mitigation action; objective of the action; sector and gases covered; status of implementation and implementing entity; [performance indicators and how implementation of the action and its performance will be monitored]; anticipated mitigation effect **in 2020** **for next 4 years ending with 0 or 5**; **parties may also provide information on costs of mitigation actions**[costs of mitigation action]. The Party **shall**[**should**] also provide a list of any mitigation actions that are no longer being implemented.

13. Parties shall summarize information on all currently implemented and planned mitigation actions in a tabular format **(to be defined)** **as set in the annex.**

14. Mitigation actions should be presented in the table **(as defined in paragraph 13)** by sector, and within the sector in decreasing order of the anticipated mitigation effect of the action.

15. Each Party shall provide information on the performance of its mitigation actions in aggregate, including policies and measures **in tabular format (to be defined)** This information shall include the following:

- (a) Information on performance indicators identified for the mitigation actions listed above;
- (b) An estimation of the aggregated annual emission reductions achieved by the implementation of the mitigation actions [relative to carbon budget over a commitment period]. **(Comment: EU sees this covered by para 12 and para 13)**

16. Each Party shall **describe** **provide references to underpinning reports referring to** the methods and assumptions used to estimate the aggregated effects of its mitigation actions.

B. [Use of land use, land-use change and forestry and [credits][offset][units]from market-based mechanisms]

17. Developed country Parties [that apply international transfers of units towards achievement of its target] shall report summary information for each year, beginning with 2010, on holding and transactions⁵ of [international **carbon** credits] **[offset]** units] from market-based mechanisms **approved at UNFCCC level** that contribute to or deduct from the achievement of the emission reduction target, denominated in tonnes of carbon dioxide equivalent.

18. Developed country Parties shall report summary information on quantified emission reduction targets and on progress made in achieving emission reductions in an agreed tabular

⁵ Transactions include both transfers and acquisitions **and cancellations.**

format (to be defined), [in accordance with **internationally agreed**] accounting rules [adopted by decision XXX,] for the base year and for each reported year.

19. [For the base year, information reported on quantified emission reduction targets shall include:

(a) Total GHG emissions, excluding emissions and removals from the LULUCF sector;

(b) Net emissions and removals from LULUCF:

(i) On an activity-by-activity basis for Parties that use [Kyoto Protocol][such] accounting; or

[(ii) On a comprehensive land-based basis for other Parties;]

(c) Total GHG emissions including net emissions **[or][and]** removals from the LULUCF sector.

[(d) Its emissions used for the calculation of the target;]

(e) [Its emission target as a percentage reduction of base year emissions;

(f) Its emission target in gigatonnes of carbon dioxide equivalent.]]

20. [For each reported year, in addition to information included in paragraph 19 (a) to (c), reported information on emission reduction targets shall include:

(a) Total acquisitions of international **carbon** [credits][offset][units]⁶ from market-based mechanisms **approved at UNFCCC level**];

(b) Total transfers of international **carbon** [credits][offset][units] from market-based mechanisms **approved at UNFCCC level**];

[bbis) Total amount of international carbon [credits] [offset units] from market-based mechanisms approved at UNFCCC level accounted towards the emission reduction target;]

[bcis) Total amount of units issued from LULUCF activities;]

[(c) Total "Accounted emissions and [credits][offset units]", calculated as the sum of "Emissions including LULUCF" minus "Acquisitions of international credits plus transfer of international credits;]

(d) Complementarity of the use of **market-based** mechanisms **approved at UNFCCC level** to domestic action.]

V. Projections

21. Developed country Parties shall provide projections **[of trends in GHG emissions and removals that reflect current circumstances, currently implemented mitigation actions and national accounting methods for LULUCF]**. Parties **[should]** **[are expected to]** report their projections consistent with their last national communication with respect to methodologies, assumptions and trends. When methodologies and assumptions have changed, these changes **[are to]** **[should]** be documented in the biennial report.

22. At a minimum, developed country Parties shall report a "with measures" projection **[s]**. The "with measures" projection **[s]** shall encompass currently implemented mitigation actions. Parties **[should]** **[may]** also provide a "with additional measures" projection **[s]** that also encompasses planned, but not currently implemented, mitigation actions.

23. Each developed country Party **[shall][should]** provide GHG projections from the latest inventory year **[through 2020]** **[for the 4 future years ending with 0 or 5]** **[or later]** **[and decadal]** until 2050], for the following:

⁶ Exact language will need to be adjusted depending of the outcome of the ongoing negotiations on a new market-based mechanism.

- (a) All GHGs aggregated by global warming potentials across all sectors collectively;
- (b) All GHGs by individual sector in tabular format [(to be defined)] [as set in the annex];
- (c) Gas by gas for CO₂, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride in tabular format [(to be defined)] [as set in the annex].

24. Each developed country Party [shall][should] provide the following descriptive information related to these projections:

- (a) A list of mitigation actions included in the projection;
- (b) A description of key assumptions, such as economic and population growth, and international fuel prices, etc., in tabular format [(to be defined)] [as set in the annex];
- (c) [Summary of methods, modelling and assumptions and] references to where more detailed information [on methods, modelling and assumptions] can be found;
- (d) If the methods or assumptions used for projections are substantially different from those used in the most recent national communication, an explanation of these differences.

25. Each developed country Party shall also provide an evaluation of the overall projected emissions relative to its emission reduction target and GHG inventory trends. This evaluation shall include the following:

- (a) [Quantification of any projected gap between projected emissions in 2020 and its economy-wide emission reduction target, or any overachievement [and underachievement] of the target;]
- (b) An explanation of the reason for any gap;
- (c) A description of any additional steps planned to address this gap, including additional mitigation actions and their anticipated total effect or use of [international] credits from market-based mechanisms or from LULUCF [as approved at the UNFCCC level].

26. Parties [should] may also report a "without measures" projection. If provided, the "without measures" projection should exclude all mitigation actions implemented after the [base year] [year chosen as the starting point for this projection].

VI. Provision of financial, technological and capacity-building support to developing country Parties

27. Developed country Parties shall provide [brief] information on their provision of financial, technological and capacity-building support to developing country Parties. In reporting such information, to the extent possible, Parties should distinguish between support provided [to developing countries] for mitigation activities[,] [and] adaptation activities [and other activities.] [In the case of activities with multiple objectives, the funding supporting those activities could be reported as contribution partially to the different objectives, avoiding "double counting".] [(such as capacity-building)].

28. Each developed country Party shall provide a [brief] description of its national approach for tracking the provision of financial, technological and capacity-building support to developing country Parties[,] [,] including to the registry of nationally appropriate mitigation measures. This description shall include information on indicators used and the particular delivery mechanisms and financial channels tracked.]

A. Finance

[29. Each developed country Party shall describe how it [seeks to] ensures that the resources it provides effectively address the needs of developing country Parties with regard to climate change adaptation and mitigation.]

30. Each developed country Party shall provide information on the financial support it has provided [and facilitated] for the purpose of assisting developing country Parties to mitigate GHG emissions and adapt to the adverse effects of climate change, [and for] capacity-building [and technology transfer where appropriate] in the areas of mitigation and adaptation. To that end, each developed country Party shall provide information [in textual format and] in tables [(to be defined)] [as set in the annex] on annual contributions for the previous two calendar years to the following:

- (a) The Global Environment Facility, the Clean Technology Fund, the Strategic Climate Fund, the Least Developed Countries Fund, the Special Climate Change Fund and the [Adaptation Fund] and Green Climate Fund;
- (b) [to the extent possible,] Multilateral financial institutions[, including the International Bank for Reconstruction and Development, the International Development Association, the International Finance Corporation and the regional development banks];
- (c) [to the extent possible,] Specialized United Nations agencies [and] [, including] the United Nations Development Programme, the United Nations Environment Programme and the UNFCCC secretariat;
- (d) Bilateral, regional and other channels
- [(e) Flows of private funds for climate-related support, to the extent possible.]

31. Each developed country Party shall provide summary information on annual contributions for the previous [two] [five] calendar years on financial support that it has provided [and facilitated] for the purpose of assisting developing country Parties referred to in paragraph 30 above in textual format and in a summary table [(to be defined)] [as set in the annex].

32. [In reporting information, in accordance with paragraphs 30 and 31, Parties can categorize [funding] [financial support] as related to mitigation or adaptation [or both] according to the criteria [to be agreed by the Conference of the Parties][developed by the Organisation for Economic Co-operation and Development's Development Assistance Committee (DAC)]. [Parties should use the DAC codes for categorizing support by specific sectors.]]

33. [Each developed country Party] [Parties] shall provide detailed information, including short textual overview, and where appropriate, common [tabular] reporting format (to be defined), on the assistance provided for the purpose of assisting developing country Parties that are particularly vulnerable to the adverse effects of climate change [and the developed countries mitigation actions] to meet the cost of adaptation to those adverse effects. [Each developed country Parties shall also provide detailed information on the assessment of adverse impacts of their mitigation actions.]

34. [Developed country Parties] [shall] [should], to the extent possible, report on climate-related activities supported by private financial flows and [shall] [should] distinguish between the following:

- (a) Private finance catalysed by public policy [(e.g. domestic cap-and-trade systems enabling the purchase of carbon credits);]
- (b) Private finance leveraged by public finance [(e.g. private investments made possible by government supplied loan guarantees or concessional co-financing)];
- [(c) Other forms of "green investment" with a principal or secondary climate benefit.]]

35. Developed country Parties [shall] [should], to the extent possible, specify the types of instruments used in their national, bilateral or regional assistance, such as grants, loans, guarantees, equity and leveraged funds.

36. [Developed country Parties shall report on investment in mitigation activities under international market-based mechanisms.] [Information should be included on support provided by Parties through purchase by Governments of carbon market units under the UNFCCC and the Kyoto Protocol which are not used for compliance with mitigation targets using a tabular format (to be defined)]

B. Technology development and transfer

37. Each developed country Party shall provide information on measures taken to promote, facilitate and finance the transfer of, access to, and deployment of environmentally-sound technologies and to support the development and enhancement of endogenous capacities and technologies of developing countries and may also provide information on success and failure stories. [Such measures could include participation in multilateral technology initiatives, such as the Renewable Energy [and Energy Efficiency Partnership] or the Asian-Pacific Partnership on Clean Development and Climate].

38. Each developed country Party shall provide a textual description of [individual] measures and activities. In reporting these measures and activities, Parties shall [clearly] distinguish between activities undertaken by the public sector and those undertaken by the private sector. As the ability of Parties to collect information on private-sector activities is limited, Parties may indicate, where feasible, in what way they have encouraged private-sector activities and how these activities help to meet the commitments of Parties under Article 4, paragraphs 3, 4 and 5, of the Convention. [Parties shall also indicate whether the activity is related to "hard" or "soft" technologies.]

39. Each developed country Party shall summarize information related to technology transfer in tabular format [(to be defined)] [as set in the annex]. [A separate table shall be provided for each of the previous two calendar years.]

C. Capacity-building

40. Each developed country Party [shall] [should] provide information on [how it has enhanced] capacity building support to developing country Parties in order to respond to existing and emerging capacity building needs identified by developing country Parties in the areas of mitigation, adaptation, technology development and transfer, and access to financial resources. [Information should be reported in a textual format and tabular format (to be defined), where appropriate, and should include information on how the Parties are:

- (a) Strengthening relevant institutions at various levels, including focal points and national coordinating bodies and organizations;
- (b) Strengthening networks for the generation, sharing and management of information and knowledge, including through North-South, South-South and triangular cooperation;
- (c) Strengthening climate change communication, education, training and public awareness at all levels;
- (d) Strengthening integrated approaches and the participation of various stakeholders in relevant social, economic and environmental policies and actions;

(e) Supporting existing and emerging capacity-building needs identified in the areas of mitigation, adaptation, technology development and transfer, and access to financial resources.]

[41. In providing this information, each developed country Party shall report on how it has strived to ensure the effectiveness of its capacity-building support and how it evaluates the effectiveness of this support.]

VII. ANNEXES

Annex 1

Common reporting format

All reporting tables shall be integrated in an electronic reporting format to be developed and provided by the UNFCCC secretariat.

I. Inventory information (from CRF)

Table Summary 2 "Summary report for CO2 equivalent emissions"

Table 10 "Emission trends"

Table X on use of art. 3.3

Table Y on the use of art. 3.4

II. Information on mitigation actions

Table M1. Information on mitigation actions

Sector: ...								
<u>Name of mitigation action and short description</u>	<u>Objective</u>	<u>Sector affected</u>	<u>GHG affected</u>	<u>Type</u>	<u>Status of implementation</u>	<u>Implementing entity</u>	<u>Estimated reduction impact or alternate indicator</u>	<u>Estimated cost</u>

III: Information on projections

Table P1. Information on GHG projections

<u>Scenario</u>	<u>GHG emissions projections in Mt</u>			
	<u>Year A*</u>	<u>Year A+5</u>	<u>Year A+10</u>	<u>Year A+15</u>
	<u>[per each GHG and CO2eq]</u>	<u>[per each GHG and CO2 eq]</u>	<u>[per each GHG and CO2eq]</u>	<u>[per each GHG and CO2eq]</u>
<u>WOM</u>				
<u>Sectors..</u>				
<u>WEM</u>				
<u>Sectors...</u>				
<u>WAM</u>				
<u>Sectors...</u>				

* Year A means a first future year ending with 0 or 5.

Table P2. Information on total effect of mitigation actions

Scenario	GHG emissions avoided or sequestered in Mt CO ₂ eq			
	2015	2020	2025	2030
WEM				
WAM				

Table P3. Information on key underlying assumptions for GHG projections

Variable	Unit	Value	Source	Other information
GDP growth				
Population growth				
Int. fuel price				
...				

V. Information on financial resources and transfer of technology

Table F1: Financial Contribution to the Financial Mechanism of the Convention and funds under the Kyoto Protocol, in USD

Institution/Fund	Contributions	
	year x-2	year x-3
Adaptation Fund		
Global Environment Facility		
Green Climate Fund		
Least Developed Country Fund for climate change		
Special Climate Change Fund		
Other, please specify:		
Total		

Contributions are indicated in from of

disbursements

commitments

Table F2a: Financial contributions to multilateral institutions and other relevant programmes and organizations – general support, in USD

	year x-2	year x-3
African Development Bank		
Asian Development Bank		
European Bank for Reconstruction and Development		
European Investment Bank		
FAO		
Global Facility For Disaster Reduction and Recovery		
Inter American Development Bank		
Desertification Treat		
Montreal Fund (GEF)		
International Finance Corporation		
ISDR		
UNDP		
UNEP		
UNESCO		

World Bank		
Other, please specify		
Total		

Contributions are indicated in from of

- disbursements
- commitments

Table F2b: Financial contributions to multilateral institutions and other relevant programmes and organizations, reporting period, in alphabetical order – climate-specific, in USD

	year x-2	year x-3
CGIAR		
UN REDD PROGRAMME		
UNFCCC		
World Bank: Clean Technology Fund (CIF)		
World Bank: Strategic Climate Fund (CIF)		
- World Bank: Forest Investment Fund (SCF-CIF)		
- World Bank: Pilot Programme Climate resilience (SCF-CIF)		
- World Bank: Scaling up Renewable Energy Fund (SCF-CIF)		
World Bank: Forest Carbon Partnership Facility		
World Bank: Carbon Assets Development Fund		
Other, please specify		
Total		

Contributions are indicated in from of

- disbursements
- commitments

Table F3: Bilateral support provided to account for financial support provided under the Convention, in USD

			year x-2 USD (according to percentage equivalent)	year x-3 USD (according to percentage equivalent)
		National approach to accounting for climate objective (provide percentage equivalent)		
Rio Marker Mitigation	Climate is principal objective			
	Climate is significant objective			
Rio Marker Adaptation	Climate is principal objective			
	Climate is significant objective			
Rio-Markers mitigation and adaptation	Mitigation is a principal objective			
	Adaptation is a			

	<u>principal objective</u>			
	<u>Mitigation and Adaptation are significant objectives</u>			
Total				

Table F4: Financial support provided through the purchase by government of carbon market units under the UNFCCC and Kyoto Protocol, reporting year X-2, in USD

<u>Unit type</u>	<u>year x-2</u>	<u>year x-3</u>
Total		

Table F5: Non-ODA financial support provided by government, in USD

<u>Year</u>	<u>Type of Support</u>	<u>Beneficiary</u>	<u>Amount</u>
<u>year x-2</u>			
<u>Year x-2 total</u>			
<u>year x-3</u>			
<u>Year x-3 total</u>			
<u>Total for period</u>			

Table F6: Description of projects or programmes that promoted practicable steps to facilitate and/or finance the transfer of, or access to, environmentally-sound technologies

- Project / programme title:
- Purpose:
- Recipient country/region/
- Total funding :
- Years in operation
- Sector
- Technology type transferred / Description]

Annex 2

Biennial Report Outline

- I. Information on greenhouse gas emission inventory trends
- II. Economy-wide emission reduction target
- III. Progress in the achievement of economy-wide quantified emission reduction target
- IV. Projections
- V. Provision of financial, technological and capacity-building support to developing country Parties
- VI. Annex

