



Subsidiary Body for Scientific and Technological Advice

Thirty-seventh session

Doha, 26 November to 1 December 2012

Agenda item 11(a)

Methodological issues under the Convention

Work programme on a common tabular format for the “UNFCCC biennial reporting guidelines for developed country Parties”

Methodological issues under the Convention

Draft conclusions proposed by the Chair

1. The Subsidiary Body for Scientific and Technological Advice (SBSTA) continued its consideration of the work programme on a common tabular format for electronic reporting of information in accordance with the “UNFCCC biennial reporting guidelines for developed country Parties” as contained in decision 2/CP.17, annex I (hereinafter referred to as the reporting guidelines), with a view to the Conference of the Parties (COP) adopting the format at its eighteenth session.
2. The considerations of the SBSTA were based on the views submitted by Parties,¹ the synthesis report based on these submissions² and the report on the workshop on a common tabular format for the reporting guidelines,³ held on 11 and 12 October 2012 in Bonn, Germany.
3. [The SBSTA recommended a draft decision on this subject for adoption by the COP at its eighteenth session (for the text of the decision, see FCCC/SBSTA/2012/L.X/Add.1)].

Draft decision -/CP.8

Common tabular format for the “UNFCCC biennial reporting guidelines for developed country Parties”

The Conference of the Parties,

¹ FCCC/SBSTA/2012/MISC.11 and Add.13.

² FCCC/SBSTA/2012/INF.4.

³ FCCC/SBSTA/2012/INF.13.

Recalling the relevant provisions of the Convention, in particular Articles 4, 5, 7, 10 and 12, and decisions 9/CP.2, 11/CP.4, 4/CP.5, 1/CP.16 and 9/CP.16 on national communications from Parties included in Annex I to the Convention (Annex I Parties),

Also recalling that by decision 2/CP.17 it decided that developed country Parties shall use the “UNFCCC biennial reporting guidelines for developed country Parties”⁴ (hereinafter referred to as the reporting guidelines) for the preparation of their first biennial reports, taking into account their national circumstances, and shall submit their first biennial reports to the secretariat by 1 January 2014,

Further recalling that by decision 2/CP.17 it requested the Subsidiary Body for Scientific and Technological Advice to develop, taking into account existing international methodologies, and based on experiences gained in preparing the first biennial reports, methodologies for reporting financial information, with a view to recommending a decision on this matter to the Conference of the Parties at its twentieth session,

Recalling that the Subsidiary Body for Scientific and Technological Advice, at its thirty-sixth session,⁵ agreed that the common tabular format will include tables for information specified in paragraphs 2, 5, 6, 9, 10, 11, 17, 18, 22 and 23 of the reporting guidelines and it may also include tables for information specified in paragraphs, inter alia, 13, 19 and 24 of the reporting guidelines,

1. *Adopts* the common tabular format for the “UNFCCC biennial reporting guidelines for developed country Parties”, as contained in the annex to this decision;]

2. *Requests* the secretariat to develop a test version of an electronic reporting application for the common tabular format, for Parties included in Annex I to the Convention (Annex I Parties) by May, 2013 and to finalize the development by July 2013;

3. *Also requests* the secretariat [to revise the electronic application in time to allow Annex I Parties to use it for reporting and submission of their second biennial reports, due on 1 January 2016, while making a part of it related to reporting of greenhouse gas emission trends to be consistent with the guidelines contained in the annex to decision 15/CP.17.] [to update the tables for the reporting of trends in greenhouse gas emissions by sources and removals by sinks (table 1 to the annex of this decision) (and the tables for accounting for activities under Articles 3, paragraphs 3 and 4, of the Kyoto Protocol, table 4a to the annex of this decision)⁶ in the electronic reporting application referred to in paragraph 2 above following any future decisions taken by the Conference of the Parties to revise the equivalent tables in the common reporting format of the guidelines contained in the annex to decision 15/CP.17.]

4. *Requests* Annex I Parties to use the electronic reporting application when preparing and submitting their biennial reports in accordance with decision 2/CP.17;

5. *Encourages* Annex I Parties to ensure consistency, to the extent possible, between the information provided in their biennial reports and the national communications;

⁴ Contained in decision 2/CP.17, annex I.

⁵ FCCC/SBSTA/2012/2.

⁶ Refers to tables that have not yet been discussed among Parties.

6. *Requests* Parties to consider the best approach for future reporting on climate related private finance at the next revision of the reporting guidelines;

7. *Takes note* of the estimated budgetary implications of the activities to be undertaken by the secretariat pursuant to the provisions contained in paragraphs 2 and 3 above;

8. *Requests* that the actions of the secretariat called for in these conclusions be undertaken subject to the availability of financial resources; in the absence of adequate additional funding, as indicated in the budgetary estimates referred to above, the secretariat may not be in a position to undertake the requested activities.

Annex

Table 1
Emission trends: Summary^aCountry
Year
Submission

GREENHOUSE GAS EMISSIONS	Base year ^b	1990	(Years 1991 to latest reported year)	Change from base to latest reported year
	(kt CO ₂ eq)			(%)
CO ₂ emissions including net CO ₂ from LULUCF				
CO ₂ emissions excluding net CO ₂ from LULUCF				
CH ₄ emissions including net CH ₄ from LULUCF				
CH ₄ emissions excluding net CH ₄ from LULUCF				
N ₂ O emissions including net N ₂ O from LULUCF				
N ₂ O emissions excluding net N ₂ O from LULUCF				
HFCs				
PFCs				
SF ₆				
Total (including LULUCF)				
Total (excluding LULUCF)				

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year ^b	1990	(Years 1991 to latest reported year)	Change from base to latest reported year
	(kt CO ₂ eq)			(%)
1. Energy				
2. Industrial processes				
3. Solvent and other product use				
4. Agriculture				
5. Land use, land-use change and forestry ^d				
6. Waste				
7. Other				
Total (including LULUCF)^e				

Notes:

(1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely "Emission trends (CO₂)", "Emission trends (CH₄)", "Emission trends (N₂O)" and "Emission trends (HFCs, PFCs and SF₆)", which is included in an annex to this biennial report; (2) 20XX is the latest reported inventory year; (3) 1 kt CO₂ eq equals 1 Gg CO₂ eq.

Abbreviation: LULUCF = land use, land-use change and forestry.

^a For the second and subsequent biennial reports this table needs to be revised to be consistent with decision 15/CP.17, "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories".

^b The column "Base year" should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

^c Includes net CO₂, CH₄ and N₂O from LULUCF.

Table 1
(cont.) **Emission trends (CO₂)^a**

Country
Year
Submission

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year	1990	(Years 1991 to latest reported year)	Change from base to latest reported year
	(kt)			(%)
1. Energy				
A. Fuel combustion (sectoral approach)				
1. Energy industries				
2. Manufacturing industries and construction				
3. Transport				
4. Other sectors				
5. Other				
B. Fugitive emissions from fuels				
1. Solid fuels				
2. Oil and natural gas				
2. Industrial processes				
A. Mineral products				
B. Chemical industry				
C. Metal production				
D. Other production				
E. Production of halocarbons and SF ₆				
F. Consumption of halocarbons and SF ₆				
G. Other				
3. Solvent and other product use				
4. Agriculture				
A. Enteric fermentation				
B. Manure management				
C. Rice cultivation				
D. Agricultural soils				
E. Prescribed burning of savannas				
F. Field burning of agricultural residues				
G. Other				
5. Land use, land-use change and forestry^c				
A. Forest land				
B. Cropland				
C. Grassland				
D. Wetlands				
E. Settlements				
F. Other land				
G. Other				
6. Waste				
A. Solid waste disposal on land				

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B. Waste-water handling				
C. Waste incineration				
D. Other (as specified in summary table in CRF)				
7. Other (as specified in the summary table in CRF)				
Total CO₂ emissions including net CO₂ from LULUCF				
Total CO₂ emissions excluding net CO₂ from LULUCF				
Memo items:				
International bunkers				
Aviation				
Marine				
Multilateral operations				
CO₂ emissions from biomass				

Abbreviations: CRF = common reporting format, LULUCF = land use, land-use change and forestry.

^a For the second and subsequent biennial reports this table needs to be revised to be consistent with decision 15/CP.17, “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories”.

^b The column “Base year” should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

^c Fill in net emissions/removals as reported in table Summary 1.A of the latest reported inventory (20XX). For the purposes of reporting, the signs for removals are always negative (-) and for emissions positive (+).

Table 1
(cont.) **Emission trends (CH₄)^a**

	Base year ^b	1990	(Years 1991 to latest reported year)	Country Year Submission Change from base to latest reported year
GREENHOUSE GAS SOURCE AND SINK CATEGORIES	(kt)			(%)
1. Energy				
A. Fuel combustion (Sectoral Approach)				
1. Energy industries				
2. Manufacturing industries and construction				
3. Transport				
4. Other sectors				
5. Other				
B. Fugitive emissions from fuels				
1. Solid fuels				
2. Oil and natural gas				
2. Industrial processes				
A. Mineral products				
B. Chemical industry				
C. Metal production				
D. Other production				
E. Production of halocarbons and SF ₆				
F. Consumption of halocarbons and SF ₆				
G. Other				
3. Solvent and other product use				
4. Agriculture				
A. Enteric fermentation				
B. Manure management				
C. Rice cultivation				
D. Agricultural soils				
E. Prescribed burning of savannas				
F. Field burning of agricultural residues				
G. Other				
5. Land use, land-use change and forestry				
A. Forest land				
B. Cropland				
C. Grassland				
D. Wetlands				
E. Settlements				
F. Other land				
G. Other				
6. Waste				

A. Solid waste disposal on land				
B. Waste-water handling				
C. Waste incineration				
D. Other				
7. Other (as specified in the summary table in CRF)				
Total CH4 emissions including CH4 from LULUCF				
Total CH4 emissions excluding CH4 from LULUCF				
Memo items:				
International bunkers				
Aviation				
Marine				
Multilateral operations				
CO₂ emissions from biomass				

^a For the second and subsequent biennial reports this table needs to be revised to be consistent with decision 15/CP.17, “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories”.

^b The column “Base year” should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

^c *Abbreviations:* CRF = common reporting format, LULUCF = land use, land-use change and forestry.

Table 1
(cont.) **Emission trends (N₂O)^a**

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year ^b	1990 (kt)	(Years 1991 to latest reported year)	Country
				Year Submission
				Change from base to latest reported year (%)
1. Energy				
A. Fuel combustion (Sectoral Approach)				
1. Energy industries				
2. Manufacturing industries and construction				
3. Transport				
4. Other sectors				
5. Other				
B. Fugitive emissions from fuels				
1. Solid fuels				
2. Oil and natural gas				
2. Industrial processes				
A. Mineral products				
B. Chemical industry				
C. Metal production				
D. Other production				
E. Production of halocarbons and SF ₆				
F. Consumption of halocarbons and SF ₆				
G. Other				
3. Solvent and other product use				
4. Agriculture				
A. Enteric fermentation				
B. Manure management				
C. Rice cultivation				
D. Agricultural soils				
E. Prescribed burning of savannas				
F. Field burning of agricultural residues				
G. Other				
5. Land use, land-use change and forestry				
A. Forest land				
B. Cropland				
C. Grassland				
D. Wetlands				
E. Settlements				
F. Other land				
G. Other				
6. Waste				
A. Solid waste disposal on land				
B. Waste-water handling				
C. Waste incineration				
D. Other				
7. Other (as specified in the summary table in CRF)				
Total N ₂ O emissions including N ₂ O from LULUCF				
Total N ₂ O emissions excluding N ₂ O from LULUCF				
Memo items:				
International bunkers				
Aviation				
Marine				
Multilateral operations				
CO₂ emissions from biomass				

^a For the second and subsequent biennial reports this table needs to be revised to be consistent with decision 15/CP.17, "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories".

^b The column “Base year” should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

Abbreviations: CRF = common reporting format, LULUCF = land use, land-use change and forestry.

Table 1
(cont.) **Emission trends (HFCs, PFCs and SF₆)^a**

Country
Year
Submission

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year ^b	1990	(Years 1991 to latest reported year)	Change from base to latest reported year
	(kt)			(%)
Emissions of HFCs^d (kt CO₂ eq)				
HFC-23				
HFC-32				
HFC-41				
HFC-43-10mee				
HFC-125				
HFC-134				
HFC-134a				
HFC-152a				
HFC-143				
HFC-143a				
HFC-227ea				
HFC-236fa				
HFC-245ca				
Unspecified mix of listed HFCs ^e (kt CO ₂ eq)				
Emissions of PFCs^d (kt CO₂ eq)				
CF ₄				
C ₂ F ₆				
C ₃ F ₈				
C ₄ F ₁₀				
c-C ₄ F ₈				
C ₅ F ₁₂				
C ₆ F ₁₄				
Unspecified mix of listed PFCs ^e (kt CO ₂ eq)				
Emissions of SF₆^d (kt CO₂ eq)				
SF ₆				

Chemical	GWP ^c
HFCs	
HFC-23	11 700
HFC-32	650
HFC-41	150
HFC-43-10mee	1 300
HFC-125	2 800
HFC-134	1 000
HFC-134a	1 300
HFC-152a	140
HFC-143	300
HFC-143a	3 800
HFC-227ea	2 900
HFC-236fa	6 300
HFC-245ca	560
PFCs	
CF ₄	6 500
C ₂ F ₆	9 200
C ₃ F ₈	7 000
C ₄ F ₁₀	7 000
c-C ₄ F ₈	8 700
C ₅ F ₁₂	7 500
C ₆ F ₁₄	7 400
SF ₆	23 900

Abbreviation: GWP = global warming potential.

^a For the second and subsequent biennial reports this table needs to be revised to be consistent with decision 15/CP.17, “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories”.

^b The column “Base year” should be filled in only by those Parties with economies in transition that use a base year different from 1990 in accordance with the relevant decisions of the Conference of the Parties. For these Parties, this different base year is used to calculate the percentage change in the final column of this table.

^c For the second and subsequent biennial reports, the global warming potential values need to be revised in accordance with decision 15/CP.17.

^d Enter actual emissions estimates. If only potential emissions estimates are available, these should be reported in this table and an indication for this be provided in the documentation box. Only in these rows are the emissions expressed as CO₂ equivalent emissions.

^e In accordance with the UNFCCC reporting guidelines, HFC and PFC emissions should be reported for each relevant chemical. However, if it is not possible to report values for each chemical (i.e. mixtures, confidential data, lack of disaggregation), this row could be used for reporting aggregate figures for HFCs and PFCs, respectively. Note that the unit used for this row is kt of CO₂ equivalent and that appropriate notation keys should be entered in the cells for the individual chemicals.

Table 2
Quantified economy-wide emission reduction target

<i>Party</i>			
Base year /Base period		_____	
Emission reduction target	% of base year /period	_____ [% of 1990]	_____
Period for reaching target		_____	
Coverage of GHGs	Base year for each gas (year):		GWP values ^a
CO ₂	_____		_____
CH ₄	_____		_____
N ₂ O	_____		_____
HFCs	_____		_____
PFCs	_____		_____
SF ₆	_____		_____
NF ₃	_____		_____
Other gases	_____		_____
Coverage of sectors ^b	Energy Transport ^c Industrial processes ^d Agriculture LULUCF Waste Other (specify) _____		
Role of LULUCF ^e	LULUCF in base year level and target		Included Excluded Comprehensive land-based approach Activity-based approach Specify
	Contribution of LULUCF is calculated using		_____
	Other country-specific information in relation to LULUCF		_____
	Other country-specific information in relation to accounting approach for LULUCF		_____
	Other relevant information		_____

Party		
<i>Option 1</i>		
Use of international market-based mechanisms ^f		Possible scale of contributions (% of overall target)

<i>Option 2</i>		
Use of international market-based mechanisms ^f		Possible scale of contributions (% of overall target)
	CERs/ERUs	_____
	AAUs ^g	_____
	Carry-over units ^h	_____
	[Other mechanism units under the Convention (specify)]	_____
	[Other mechanism units under the Convention (specify)] ⁱ	_____
	[Other (specify)] ^j	_____
	Total contribution from market-based mechanisms used (% of overall target)	_____
Other relevant information ^k	_____	

Abbreviations: AAU = assigned amount unit, BY = base year, CER = certified emission reduction, COP = Conference of the Parties, ERU = emission reduction unit, GHG = greenhouse gas, GWP = global warming potential, IPCC = Intergovernmental Panel on Climate Change, LULUCF = land use, land-use change and forestry.

^a Please specify the reference for the GWP: Second IPCC Assessment Report or Fourth IPCC Assessment Report.

^b More than one selection will be allowed. If Parties use sectors other than those indicated above, the explanation should be provided how these sectors relate to the sectors defined by the IPCC.

^c Transport is reported as subsector of the energy sector.

^d Industrial processes refers to the industrial processes and solvent and other product use sectors.

^e Parties may wish to include a supplementary table on LULUCF subcategories.

^f Use of international market-based mechanisms by a Party in achieving its emission reduction target, taking into consideration any relevant decisions adopted by the COP, including a description of each source of international units and/or allowances from market-based mechanisms and the possible scale of the contributions of each. Reporting of such units shall not prejudice any future COP decisions on international market-based mechanisms.

^g AAUs issued to or purchased by a Party.

^h Units carried over from the first to the second commitment periods of the Kyoto Protocol, as described in decision 13/CMP.1.

ⁱ As indicated in paragraph 83 of decision 2/CP.17.

^j As indicated in paragraph 5(e) of the reporting guidelines.

^k This information could include information on the domestic legal status of the target or the total assigned amount of emission units for the period for reaching a target. Some of this information is presented in the narrative part of the biennial report.

Table 3

Progress in achievement of the quantified economy-wide emission reduction target: information on mitigation actions and their effects

<i>Name of mitigation action^a</i>	<i>Sector(s) affected^b</i>	<i>GHG(s) affected</i>	<i>Objective and/or activity affected</i>	<i>Type of instrument^c</i>	<i>Status of implementation^d</i>	<i>Brief description^e</i>	<i>Start year of implementation</i>	<i>Implementing entity or entities</i>	<i>Estimate of mitigation impact (not cumulative, in kt CO₂ eq)</i>	
									20XX	2020
<hr/>										

Note: The two final columns specify the year identified by the Party for estimating impacts (based on the status of the measure and whether an ex post or ex ante estimation is available).

Abbreviation: GHG = greenhouse gas.

^a Parties should use an asterisk (*) to indicate that a mitigation action is included in the 'with measures' projection.

^b To the extent possible, the following sectors should be used: energy, transport, industry, [industrial processes], agriculture, forestry, [LULUCF], waste management [waste] and [other sectors] [cross-cutting].

^c To the extent possible, the following types of instrument should be used: economic, fiscal, voluntary agreement, regulatory, information, education, research, other.

^d To the extent possible, the following descriptive terms should be used to report on the status of implementation: implemented, adopted, planned.

^e Additional information may be provided on the cost of the mitigation actions and the relevant timescale

^f Optional year or years deemed relevant by the Party.

Table 4

Progress in achievement of the quantified economy-wide emission reduction target: summary information

<i>Year</i>	<i>Total emissions excluding LULUCF (kt CO₂ eq)</i>	<i>Emissions/removals from LULUCF (kt CO₂ eq)</i>	<i>Total net emissions including LULUCF (kt CO₂ eq)</i>	<i>International units (transfers)</i>	<i>International units (acquisitions)</i>	<i>Total including emissions/removals from LULUCF and international units</i>
1990						
2000						
2005						
2010						
2011						
2012						

Note: Participants at the workshop supported the use of such a summary table. Tables 4(a) and 4(b) are examples of additional detailed tables on LULUCF and the use of market-based mechanisms but are more illustrative rather than presenting a convergence of views.

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 4 (a)

Progress in achievement of the quantified economy-wide emission reduction target: further information on mitigation actions relevant to counting of emissions and removals from the land use, land-use change and forestry sector^a

<i>Greenhouse gas source and sink categories</i>	<i>Net CO₂ emissions/removals (kt)</i>	<i>CH₄ (kt)</i>	<i>N₂O (kt)</i>	<i>Accounting method or accounting rule^b</i>
Total LULUCF				
A: Forest land				
1. Forest land remaining forest land				
2. Land converted to forest land				
B. Cropland				
1. Cropland remaining cropland				
2. Land converted to cropland				
C. Grassland				
1. Grassland remaining grassland				
2. Land converted to grassland				
D. Wetlands				
1. Wetlands remaining wetlands				
2. Land converted to wetlands				
E. Settlements				
1. Settlements remaining settlements				
2. Land converted to settlements				
F. Other land				
1. Other land remaining other land				
2. Land converted to other land				
G. Harvested wood products				
H. Other (please specify)				

Note: Tables 4(a) and 4(b) are examples of additional detailed tables on LULUCF and the use of market-based mechanisms but are more illustrative rather than presenting a convergence of views.

Abbreviation: LULUCF = land use, land-use change and forestry.

^a Parties may include this information, as appropriate and if relevant to their target.

^b This includes information on base year/reference level, cap, discount factor and other relevant information.

Table 4(b)

Progress in achievement of quantified economy-wide emission reduction target: further information on mitigation actions relevant to the use of international market-based mechanisms^a

										<i>Kyoto units^b</i>		<i>Other units^b</i>	
										<i>(kt CO₂ eq)</i>		<i>(kt CO₂ eq)</i>	
<i>AAUs acquired from other Parties</i>										<i>Units from international market-based mechanisms as agreed by the COP^c</i>		<i>Units from other market-based mechanisms</i>	
		<i>ERUs</i>		<i>CERs</i>		<i>tCERs</i>		<i>lCERs</i>					
<i>20XX-3</i>	<i>20XX-2</i>	<i>20XX-3</i>	<i>Year X-2</i>	<i>20XX-3</i>	<i>20XX-2</i>	<i>20XX-3</i>	<i>20XX-2</i>	<i>20XX-3</i>	<i>20XX-2</i>	<i>20XX-3</i>	<i>20XX-2</i>	<i>20XX-3</i>	<i>20XX-2</i>
Total accounted quantity of units										20XX-3		20XX-2	
Total													

Note: Tables 4(a) and 4(b) are examples of additional detailed tables on LULUCF and the use of market-based mechanisms but are more illustrative rather than presenting a convergence of views. 20XX is the latest reporting year.

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, COP = Conference of the Parties, ERUs = emission reduction units, lCERs = long-term certified emission reductions, LULUCF = land use, land-use change and forestry, tCERs = temporary certified emission reductions.

^a Parties may include this information, as appropriate and if relevant to their target.

^b Units surrendered by that Party for that year that have not been previously surrendered by that or any other Party.

^c Additional columns for each market-based mechanism should be added, if applicable.

Table 5
Summary of key variables and assumptions used in the projections analysis^a

<i>Key underlying assumptions</i>	<i>Historical^b</i>							<i>Projected</i>				
	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2005</i>	<i>2010</i>	<i>2011</i>	<i>...</i>	<i>...</i>	<i>2015</i>	<i>2020</i>	<i>2025</i>	<i>2030</i>

^a Parties should include key underlying assumptions as appropriate.

^b Parties should include historical data used to develop the greenhouse gas projections reported.

Table 6(a)
Information on updated greenhouse gas projections under a ‘with measures’ scenario^a

	GHG emissions and removals ^b (kt CO ₂ eq)							GHG emission projections (kt CO ₂ eq)	
	Base year	1990	1995	2000	2005	2010	20XX ^c -3	2020	2030
Sector^d									
Energy									
Transport									
Industry									
Agriculture									
Forestry									
Waste management									
Other (specify)									
Gas									
CO ₂ emissions including net CO ₂ from LULUCF									
CO ₂ emissions excluding net CO ₂ from LULUCF									
CH ₄ emissions including net CH ₄ from LULUCF									
CH ₄ emissions excluding net CH ₄ from LULUCF									
N ₂ O emissions including net N ₂ O from LULUCF									
N ₂ O emissions including net N ₂ O from LULUCF									
HFCs									
PFCs									
SF ₆									
Other (specify, e.g. NF ₃)									
Total with LULUCF^c									
Total without LULUCF									

Abbreviations: GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

^a In accordance with the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, at a minimum, Parties shall report a ‘with measures’ scenario, and may report ‘without measures’ and ‘with additional measures’ scenarios. If a Party chooses to report ‘without measures’ and/or ‘with additional measures’ scenarios they are to use tables 6(b) and/or 6(c), respectively. If a Party does not choose to report ‘without measures’ or ‘with additional measures’ scenarios then it should not include tables 6(b) or 6(c) in the biennial report.

^b Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this report.

^c 20XX is the reporting due-date year (i.e. 2014 for the first biennial report).

^d In accordance with paragraph 34 of the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should

follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

^e Parties may choose to report total emissions with or without LULUCF, as appropriate.

Table 6(b)

Information on updated greenhouse gas projections under a ‘without measures’ scenario^a

	GHG emissions and removals ^b						GHG emission projections		
	Base year	(kt CO ₂ eq)					(kt CO ₂ eq)		
		1990	1995	2000	2005	2010	20XX ^c -3	2020	2030
Sector^d									
Energy									
Transport									
Industry									
Agriculture									
Forestry									
Waste management									
Other (specify)									
Gas									
CO ₂ emissions including net CO ₂ from LULUCF									
CO ₂ emissions excluding net CO ₂ from LULUCF									
CH ₄ emissions including net CH ₄ from LULUCF									
CH ₄ emissions excluding net CH ₄ from LULUCF									

Abbreviations: GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

^a In accordance with the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, at a minimum, Parties shall report a ‘with measures’ scenario, and may report ‘without measures’ and ‘with additional measures’ scenarios. If a Party chooses to report ‘without measures’ and/or ‘with additional measures’ scenarios they are to use tables 6(b) and/or 6(c), respectively. If a Party does not choose to report ‘without measures’ or ‘with additional measures’ scenarios then it should not include tables 6(b) or 6(c) in the biennial report.

^b Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this report.

^c 20XX is the reporting due-date year (i.e. 2014 for the first biennial report).

^d In accordance with paragraph 34 of the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

^e Parties may choose to report total emissions with or without LULUCF, as appropriate.

Table 6(c)

Information on updated greenhouse gas projections under a ‘with additional measures’ scenario^a

	GHG emissions and removals ^b						GHG emission projections		
		(kt CO ₂ eq)					(kt CO ₂ eq)		
	<i>Base year</i>	1990	1995	2000	2005	2010	20XX ^c -3	2020	2030
Sector^d									
Energy									
Transport									
Industry									
Agriculture									
Forestry									
Waste management									
Other (specify)									
Gas									
CO ₂ emissions including net CO ₂ from LULUCF									
CO ₂ emissions excluding net CO ₂ from LULUCF									
CH ₄ emissions including net CH ₄ from LULUCF									
CH ₄ emissions excluding net CH ₄ from LULUCF									

Abbreviations: GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

^a In accordance with the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, at a minimum, Parties shall report a ‘with measures’ scenario, and may report ‘without measures’ and ‘with additional measures’ scenarios. If a Party chooses to report ‘without measures’ and/or ‘with additional measures’ scenarios they are to use tables 6(b) and/or 6(c), respectively. If a Party does not choose to report ‘without measures’ or ‘with additional measures’ scenarios then it should not include tables 6(b) or 6(c) in the biennial report.

^b Emissions and removals reported in these columns should be as reported in the latest GHG inventory and consistent with the emissions and removals reported in the table on GHG emissions and trends provided in this report.

^c 20XX is the reporting due-date year (i.e. 2014 for the first biennial report).

^d In accordance with paragraph 34 of the “Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part II: UNFCCC reporting guidelines on national communications”, projections shall be presented on a sectoral basis, to the extent possible, using the same sectoral categories used in the policies and measures section. This table should

follow, to the extent possible, the same sectoral categories as those listed in paragraph 17 of those guidelines, namely, to the extent appropriate, the following sectors should be considered: energy, transport, industry, agriculture, forestry and waste management.

^e Parties may choose to report total emissions with or without LULUCF, as appropriate.

Table 7
Provision of public financial support: Summary information^a

<i>Allocation channels</i>	<i>Year</i>						
	<i>Domestic currency</i>			<i>USD^b</i>			<i>Type of contribution^c</i>
	<i>Mitigation</i>	<i>Adaptation</i>	<i>Mitigation and Adaptation^d</i>	<i>Mitigation</i>	<i>Adaptation</i>	<i>Mitigation and Adaptation^d</i>	<i>Core Climate finance</i>
Total contributions through multilateral channels:							
Multilateral climate change funds ^e							
Other multilateral climate change funds ^f							
Multilateral financial institutions, including regional development banks							
Specialized United Nations bodies							
Total contributions through bilateral, regional and other channels							
Total							
[Contribution in the total Official Development Aid(ODA) ^g]							

^a A single table should be prepared for each reported year.

^b Provide explanation on methodology used for currency exchange in the description box shown below.

^c Specify whether climate finance or core.

^d When Parties cannot distinguish whether the support was provided for mitigation or for adaptation.

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^e Multilateral climate change funds listed in paragraph 17(a) of the UNFCCC biennial reporting guidelines for developed country Parties in decision 2/CP.17.

^f Multilateral climate change funds listed in paragraph 17(b) of the UNFCCC biennial reporting guidelines for developed country Parties in decision 2/CP.17.

^g [Suggestion to provide contribution in the total Official Development Aid was made.]

Describe what “new and additional” resources have been provided and how “new and additional” resources have been determined:
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Description box:

Table 7(a)

Provision of public financial support: Contribution through multilateral channels in the year 20XX-3^a

	Type of contribution ^b	Total amount	Status ^c	Funding source ^c	Financial instrument ^c	Type of support ^{c,d}	Sector ^{c,e}
	Core Climate finance				Grant Concessional loan Non-concessional loan Equity loan Other ^g	Mitigation Adaptation Core/general Climate-specific Other ^g	Energy Transport Industry Agriculture Forestry Water and sanitation Cross-cutting ^g Other ^g
Donor funding	Domestic currency	USD	[Provided, Pledged, committed] ^f	ODA OOF Other			Not applicable
Multilateral climate change funds							
1. Global Environment Facility							
2. Least Developed Countries Fund							
3. Special Climate Change Fund							
4. Adaptation Fund							
5. Green Climate Fund							
6. Trust Fund for Supplementary Activities							
7. Other multilateral climate change funds							
Subtotal							
Multilateral financial institutions, including regional development banks							
1. World Bank							
2. International Finance Corporation							
3. African Development Bank							
4. Asian Development Bank							
5. European Bank for Reconstruction and Development							
6. Inter-American Development Bank							
7. Other							
Subtotal							
Specialized United Nations bodies							
1. United Nations Development							

	Type of contribution ^b	Total amount	Status ^c	Funding source ^e	Financial instrument ^e	Type of support ^{c,d}	Sector ^{c,e}
	Core Climate finance				Grant Concessional loan Non-concessional loan	Mitigation Adaptation Core/general Climate-specific Other ^g	Energy Transport Industry Agriculture Forestry Water and sanitation Cross-cutting ^g Other ^g Not applicable
Donor funding	Domestic currency	USD	[Provided, Pledged, committed] ^f	ODA OOF Other	Equity loan Other ^g	Climate-specific Other ^g	Not applicable
Programme (specific programmes)							
2. United Nations Environment Programme (specific programmes)							
3. Other							
	Subtotal						
Total							

Abbreviations: ODA = official development assistance, OOF = other official flows.

^a A separate table must be filled in for each year, namely 20XX-3 and 20XX-2, where 20XX is the reporting year.

^b Specify whether climate finance or core.

^c The parameters will be included in a drop-down menu.

^d If Parties cannot distinguish whether the support was provided for mitigation or for adaptation, the lump sum should be reported under "Other".

^e Parties may select several applicable sectors. Parties may report sectoral distribution, as applicable, under "Other".

^f *Option 1* is to include Provided, Pledged or Committed in the same column; *Option 2* is Provided to report in the separate column, and Pledged or Provided in one column.]

^g Provide explanation and reference to the relevant section of the report in the description box shown below.

Description box:

Table 7(b) ^a

Provision of public financial support: Contribution through bilateral, regional and other channels for the year 20XX-3^b

	<i>Total amount</i>		<i>Status^c</i>	<i>Funding source^c</i>	<i>Financial instrument^c</i>	<i>Type of support^f</i>	<i>Sector, ^{c,d}</i>
							<i>Energy</i>
						<i>Mitigation</i>	<i>Transport</i>
			<i>[Provided,</i>	<i>ODA</i>	<i>Grant</i>	<i>Core/general</i>	<i>Industry</i>
<i>[Recipient country/ region/programme] ^e</i>	<i>Domestic</i>		<i>Pledged,</i>	<i>OOF</i>	<i>Concessional loan</i>	<i>Climate-specific</i>	<i>Agriculture</i>
	<i>currency</i>	<i>USD</i>	<i>Committed]^f</i>	<i>Other^g</i>	<i>Other^g</i>	<i>Other^g</i>	<i>Water and sanitation</i>
							<i>Other^g</i>

Abbreviations: ODA = official development assistance, OOF = other official flows.

^a [Suggestion to separate table 7(b) into two tables, one for bilateral and one for regional and other channels, has been made.]

^b A separate table must be filled in for each year, namely 20XX-3 and 20XX-2, where 20XX is the reporting year.

^c The parameters will be included in a drop-down menu.

^d Parties may report sectoral disaggregation, as appropriate.

^e [Suggestion has been made that Parties still need to discuss more detail for the reporting of project level.]

^f [Two different suggestions are made. Option 1 is to include Provided, Pledged or Committed in the same column; Option 2 is Provided in the separate column, and Pledged or Provided in one column.]

^g Provide explanation and reference to the relevant section of the report in the description box shown below.

Description box:

Table 8
Provision of technology development and transfer support^{a,b}

	<i>Targeted area^c</i>	<i>Measures and activities related to technology transfer</i>	<i>Sector^{c,d}</i>	<i>Source of the funding for technology transfer</i>	<i>Activities undertaken /implemented by,</i>	<i>Total funding for technology transfer provided</i>		<i>Status^e</i>	<i>Additional information^e</i>
<i>Recipient country and / or region</i>	<i>Mitigation Adaptation Mitigation and adaptation</i>		<i>Energy Transport Industry Agriculture Water and sanitation Other</i>	<i>Private Public</i>	<i>Private Public</i>	<i>Domestic</i>	<i>USD</i>	<i>Implemented Planned</i>	

^a To be reported to the extent possible.

^b The tables should include measures and activities since the last national communication or biennial report.

^c The parameters will be included in a drop-down menu.

^d Parties may report sectoral disaggregation, as appropriate.

^e Additional information may include, for example, a short description of the measure or activity and co-financing arrangements.

Table 9
Provision of capacity-building support^a

<i>Recipient country/ region</i>	<i>Targeted area^b</i>	<i>Programme or project title</i>	<i>Description of programme or project^{c,d}</i>
	<i>Mitigation</i>		
	<i>Adaptation</i>		
	<i>Technology development and transfer</i>		
	<i>Multiple areas</i>		

^a To be reported to the extent possible.

^b The parameters will be included in a drop-down menu.

^c [Reference to be provided on existing and emerging capacity-building needs identified by Parties not included in Annex I to the Convention in the areas of mitigation, adaptation and technology development and transfer].

^d Additional information may be provided on, for example, the measure or activity and co-financing arrangements.