联合国 FCCC/SBSTA/2012/L.33

气候变化框架公约

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附属科学技术咨询机构
第三十七届会议
2012 年 11 月 26 日至 12 月 1 日，多哈

议程项目 11 (a)
《公约》之下的方法学问题：
关于“《气候公约》发达国家缔约方两年期报告指南”通用报告格式的工作方案

关于“《气候公约》发达国家缔约方两年期报告指南”通用报告格式的工作方案

主席提出的结论草案

1. 附属科学技术咨询机构(科技咨询机构)根据第 2/CP.17 号决定附件一所载“《气候公约》发达国家缔约方两年期报告指南”(下称“报告指南”)，继续审议了关于电子信息报告通用制表格式的工作方案，以期缔约方会议第十八届会议通过该格式。

2. 科技咨询机构的审议所依据的是缔约方提交的意见、[1] 根据这些提交材料编写的综合报告，[2] 以及 2012 年 10 月 11 日和 12 日在德国波恩举行的报告指南通用制表格式问题研讨会的报告。[3]

3. [科技咨询机构作为建议就这个议题提出一项决定草案，供缔约方会议第十八届会议通过(决定案文见 FCCC/SBSTA/2012/L.X/Add.1)]。

[1] FCCC/SBSTA/2012/MISC.11 和 Add.1-3。

[2] FCCC/SBSTA/2012/INF.4。

[3] FCCC/SBSTA/2012/INF.13。

请回收

决定草案 -/CP.8

“《气候公约》发达国家缔约方两年期报告指南”通用报告格式

缔约方会议，

忆及《公约》的有关规定，特别是第四条、第五条、第七条、第十条和第十二条，以及关于《公约》附件一所列缔约方(附件一缔约方)国家信息通报的第 9/CP.2、11/CP.4、4/CP.5、1/CP.16 和 9/CP.16 号决定，

并忆及，在第 2/CP.17 号决定中，缔约方会议决定发达国家缔约方应考虑到各自的国情，利用《气候公约》发达国家缔约方两年期报告指南[4] (下称“报告指南”)编制第一份两年期报告，并应于 2014 年 1 月 1 日之前向秘书处提交第一份两年期报告，

进一步忆及，在第 2/CP.17 号决定中，缔约方会议请附属科学技术咨询机构考虑到现有的国际方法学，并根据第一份两年期报告编制中的经验，制订报告财务信息的方法，以期作为建议向缔约方会议第二十届会议提出一项关于这个事项的决定，

*忆及*附属科学技术咨询机构第三十六届会议[5] 商定，“通用制表格式”内将包括“报告指南”第 2、5、6、9、10、11、17、18、22 和 23 段所列示的信息表格，它还可以内含“报告指南”第 13、19 和 24 等等段落所列示的信息表格，

1. [*通过*本决定附件所载“《气候公约》发达国家缔约方两年期报告指南”通用报告格式；

2. *请秘书处*在 2013 年 5 月前为《公约》附件一所列缔约方(附件一缔约方)开发通用指标格式电子报告应用（软件）的测试版，并在 2013 年 7 月前最后完成开发；

3. *并请秘书处*[及时修改电子应用（软件），使附件一缔约方能用以报告和编制应于 2016 年 1 月 1 日提交的第二份两年期报告，同时保证其中关于报告温室气体排放趋势的部分符合第 15/CP.17 号决定附件所载指南。][遵循缔约方会议未来所作关于修订第 15/CP.17 号决定附件所载指南相应表格的决定，更新用于报告温室气体源排放量和汇清除量趋势的表格(本决定附件表 1)(以及用于核算《京都议定书》第三条第 3 和第 4 款之下活动的表格，本决定附件表 4a)[6] 。]

[4] 载于第 2/CP.17 号决定附件一。

[5] FCCC/SBSTA/2012/2。

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

4. *请*附件一缔约方在按照第 2/CP.17 号决定编制和提交两年期报告时使用电子报告应用（软件）；

5. *鼓励*附件一缔约方尽可能确保两年期报告和国家信息通报中提供的信息之间的一致性；

6. *请*缔约方在下次修订指南时考虑未来报告气候相关私人融资的最佳方针；

7. *注意到*秘书处根据以上第 2 段和第 3 段所载规定开展活动所涉估计预算问题；

8. *请*秘书处在具备资金的前提下采取本决论要求其采取的行动；如不具备以上所指预算估计中示明的适足的额外资金，秘书处可能无法采取这些请求采取的行动。

Annex

Table 1
Emission trends: Summary[a]

Country
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_2O emissions including net N_2O from LULUCF				
N_2O emissions excluding net N_2O 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)[c]				

Notes:

(1) Further detailed information could be found in the common reporting format tables of the Party's greenhouse gas inventory, namely "Emission trends (CO_2)", "Emission trends (CH_4)", "Emission trends (N_2O)" and "Emission trends (HFCs, PFCs and SF_6)", which is included in an annex to this biennial report; (2) 20XX is the latest reported inventory year; (3) 1 kt CO_2 eq equals 1 Gg CO_2 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 CO_2, CH_4 and N_2O from LULUCF.

Table 1
(cont.) **Emission trends (CO_2)**[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				

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 CO_2 emissions including net CO_2 from LULUCF				
Total CO_2 emissions excluding net CO_2 from LULUCF				
Memo items:				
International bunkers				
Aviation				
Marine				
Multilateral operations				
CO, 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 (CH_4)**[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)			(%)
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				
CO_2 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 (N_2O)**[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)			(%)
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_2O emissions including N_2O from LULUCF				
Total N_2O emissions excluding N_2O from LULUCF				
Memo items:				
International bunkers				
Aviation				
Marine				
Multilateral operations				
CO_2 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 SF_6)**[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 CO_2 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 CO_2 eq)				
CF_4				
C_2F_6				
C_3F_8				
C_4F_{10}				
c-C_4F_8				
C_5F_{12}				
C_6F_{14}				
Unspecified mix of listed PFCs [e] (kt CO_2 eq)				
Emissions of SF_6 [d] (kt CO_2 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_2F_6	9 200
C_3F_8	7 000
C_4F_{10}	7 000
c-C_4F_8	8 700
C_5F_{12}	7 500
C_6F_{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 CO_2 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 CO_2 equivalent and that appropriate notation keys should be entered in the cells for the individual chemicals.

Table 2
Quantified economy-wide emission reduction target

Party				
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_2O		_____		_____
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

Option 1

Use of international market-based mechanisms[f]	Possible scale of contributions (% of overall target)
	_____
	_____
	_____
	_____
	_____

Option 2

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 prejudge 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

Name of mitigation action[a]	*Sector(s) affected*[b]	*GHG(s) affected*	*Objective and/ or activity affected*	*Type of instrument*[c]	*Status of implementation*[d]	*Brief description*[e]	*Start year of implementation*	*Implementing entity or entities*	*Estimate of mitigation impact (not cumulative, in kt CO_2 eq)*	
									20XX	2020

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

Year	*Total emissions excluding LULUCF (kt CO_2 eq)*	*Emissions/removals from LULUCF (kt CO_2 eq)*	*Total net emissions including LULUCF (kt CO_2 eq)*	*International units (transfers)*	*International units (acquisitions)*	*Total including emissions/removals from LULUCF and international units*
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]

Greenhouse gas source and sink categories	*Net CO_2 emissions/removals (kt)*	*CH_4 (kt)*	*N_2O (kt)*	*Accounting method or accounting rule[b]*
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]

	Kyoto units[b] *(kt CO_2 eq)*										*Other units*[b] *(kt CO_2 eq)*			
	AAUs acquired from other Parties		*ERUs*		*CERs*		*tCERs*		*lCERs*		*Units from international market-based mechanisms as agreed by the COP*[c]		*Units from other market-based mechanisms*	
	20XX-3	*20XX-2*	*20XX-3*	*Year X-2*	*20XX-3*	*20XX-2*	*20XX-3*	*20XX-2*	*20XX-3*	*20XX-2*	*20XX-3*	*20XX-2*	*20XX-3*	*20XX-2*
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]

	Historical[b]							*Projected*				
Key underlying assumptions	*1990*	*1995*	*2000*	*2005*	*2010*	*2011*	*…*	*…*	*2015*	*2020*	*2025*	*2030*

[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_2O emissions including net N_2O from LULUCF									
N_2O emissions including net N_2O from LULUCF									
HFCs									
PFCs									
SF_6									
Other (specify, e.g. NF_3)									
Total with LULUCF[e]									
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] (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									

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] (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									

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]

Allocation channels	*Year*						
	Domestic currency			*USD*[b]			*Type of contribution*[c]
	Mitigation	*Adaptation*	*Mitigation and Adaptation*[d]	*Mitigation*	*Adaptation*	*Mitigation and Adaptation*[d]	*Core* *Climate finance*
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.

[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:
Description box:

Table 7(a)
Provision of public financial support: Contribution through multilateral channels in the year 20XX-3[a]

Donor funding	*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	*Domestic currency*	*USD*	*[Provided, Pledged, committed]*[f]	*ODA OOF Other*	*Grant Concesional 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] *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								

Donor funding	*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*	*Domestic currency*	*USD*	*[Provided, Pledged, committed]*[f]	*ODA* *OOF* *Other*	*Grant* *Concesional 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] *Not applicable*
1. United Nations Development 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]

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

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]

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

[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]

Recipient country/ region	*Targeted area* [b]	*Programme or project title*	*Description of programme or project* [c d]
	Mitigation *Adaptation* *Technology development and transfer* *Multiple areas*		

[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.