



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。

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结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

Table 1

Emission trends: Summary^a

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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 (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				

6

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**

	Country Year Submission			
	Base year ^b	1990	(Years 1991 to latest reported year)	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 CH ₄ emissions including CH ₄ from LULUCF				
Total CH ₄ emissions excluding CH ₄ 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	Country Year Submission			
	Base year ^b	1990 (kt)	(Years 1991 to latest reported year)	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				
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 SF₆)^a

Country
Year
Submission

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	Base year ^b	1990 (kt)	(Years 1991 to latest reported year)	Change from base to latest reported year (%)
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

12

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		_____

<i>Party</i>		
<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	CERs/ERUs	Possible scale of contributions (% of overall target)
	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

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

Kyoto units ^b (kt CO ₂ eq)										Other units ^b (kt CO ₂ eq)					
AAUs acquired from other Parties										Units from international market-based mechanisms as agreed by the COP ^c				Units from other market-based mechanisms	
ERUs		CERs		tCERs		ICERs									
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, ICERs = 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^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						GHG emission projections		
		(kt CO ₂ eq)					(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							GHG emission projections	
	(kt CO ₂ eq)							(kt CO ₂ eq)	
	<i>Base year</i>	<i>1990</i>	<i>1995</i>	<i>2000</i>	<i>2005</i>	<i>2010</i>	<i>20XX^c-3</i>	<i>2020</i>	<i>2030</i>
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.

28

^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

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

	Type of contribution ^b		Status ^c	Funding source ^e	Financial instrument ^c	Type of support ^{c,d}	Sector ^{c,e}
	Total amount						
	Core				Grant		Energy
	Climate				Concessional loan		Transport
	finance				Non-concessional loan	Mitigation	Industry
						Adaptation	Agriculture
							Forestry
							Water and sanitation
			[Provided, Pledged, committed] ^f	ODA	Equity loan	Core/general	Cross-cutting ^g
	Domestic currency	USD		OOF	Other ^g	Climate-specific	Other ^g
Donor funding				Other		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**

[Recipient country/ region/programme] ^c	Total amount		Status ^c	Funding source ^c	Financial instrument ^c	Type of support ^c	Sector, ^{c,d}
	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}

<i>Recipient country and / or region</i>	<i>Targeted area^c</i>	<i>Measures and activities related to technology transfer</i>	<i>Sector^{c,d,e}</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^c</i>	<i>Additional information^e</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 currency</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.