



## Framework Convention on Climate Change

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### Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol Sixth session Cancun, 29 November to 10 December 2010

Item 10 (c) of the provisional agenda

**Review of implementation of commitments and of other provisions of the Kyoto Protocol**  
**Annual compilation and accounting reports for Annex B Parties under the Kyoto Protocol**

### **Annual compilation and accounting report for Annex B Parties under the Kyoto Protocol for 2010**

**Note by the secretariat\***

#### *Summary*

The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, by its decision 13/CMP.1, requested the secretariat to begin publishing annual compilation and accounting reports after completion of the initial review under Article 8 of the Kyoto Protocol and resolution of any question of implementation. As at 18 October 2010, the initial review had been completed and questions of implementation, if any, resolved for 37 Parties included in Annex I to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol (Annex B Parties). This document provides final values for some of the key initial accounting parameters for these 37 Annex B Parties. It also contains an overview of provisional information as reported by Parties in 2010 on: (1) total greenhouse gas (GHG) emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2008; (2) GHG emissions and removals from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol, and elected activities under Article 3, paragraph 4, for 2008; and (3) transactions and holdings of Kyoto Protocol units as at 31 December 2009.

The provisional information contained in this document is based on national GHG inventory submissions received as at 18 October 2010. Therefore, the latest information provided by Parties may not be reflected here. Final values will become available after completion of the annual review for 2010 and resolution of any questions of implementation.

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\* This document was submitted after the due date in order to take into account the latest submissions from Parties.

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## I. Introduction

### A. Mandate

1. The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (CMP), by its decision 15/CMP.1, requested Parties included in Annex I to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol (Annex B Parties) to start reporting supplementary information under Article 7, paragraph 1, of the Kyoto Protocol with the inventory submission due under the Convention for the first year of the commitment period after the Protocol has entered into force for that Party. Parties may also start reporting this information from the year following the submission of the information referred to in paragraph 6 of the annex to decision 13/CMP.1 on a voluntary basis. The information reported shall include the following:

(a) Greenhouse gas (GHG) emissions from the sources listed in Annex A to the Kyoto Protocol submitted as a part of the annual GHG inventory;

(b) Anthropogenic GHG emissions by sources and removals by sinks from land use, land-use change and forestry (LULUCF) activities under Article 3, paragraph 3, and, if elected, activities under Article 3, paragraph 4;

(c) Transactions and holdings of Kyoto Protocol units: emission reduction units (ERUs), certified emission reductions (CERs), temporary certified emission reductions, long-term certified emission reductions, assigned amount units (AAUs) and removal units (RMUs).

2. The CMP, by its decision 13/CMP.1, requested the secretariat to begin publishing the annual compilation and accounting report referred to in paragraph 61 of the annex to that decision after completion of the initial review under Article 8 of the Kyoto Protocol and resolution of any question of implementation relating to adjustments under Article 5, paragraph 2, or to the assigned amount pursuant to Article 3, paragraphs 7 and 8, and to forward such reports to the CMP, the Compliance Committee and each Party concerned.

### B. Scope of the note

3. The secretariat has published two compilation and accounting reports: the first report,<sup>1</sup> containing information on initial accounting parameters for most Annex B Parties, was published in 2008; the second report,<sup>2</sup> containing information on the initial accounting parameters as well as information from annual GHG inventories submitted by Annex B Parties in 2009, was published in 2009.

4. As at 18 October 2010, the initial reviews had been completed for 37 Annex B Parties, that is, for all Annex B Parties except Belarus and Croatia. Belarus has submitted its initial report but the review of the report has not been initiated because the amendment to include Belarus in Annex B to the Kyoto Protocol (with a quantified emission reduction commitment of 92 per cent) has not yet entered into force. The expert review team (ERT) finalized the report of the review of the initial report of Croatia on 26 August 2009. The review report contained two questions of implementation relating to the assigned amount

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<sup>1</sup> FCCC/KP/CMP/2008/9/Rev.1 and Add.1 and Add.1/Corr.1.

<sup>2</sup> FCCC/KP/CMP/2009/15 and Add.1.

and the commitment period reserve. Croatia has lodged an appeal<sup>3</sup> to the CMP against the final decision of the enforcement branch of the Compliance Committee of the Kyoto Protocol with respect to these two questions of implementation. The final values of the base year emissions level for Croatia will be available once the questions of implementation have been resolved.<sup>4</sup>

5. This annual compilation and accounting report for 2010 therefore covers only the 37 Annex B Parties for which initial reviews have been completed. In addition to the initial accounting parameters, the report provides an overview of provisional annual information as reported by Parties in 2010 on: (1) total GHG emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2008; (2) GHG emissions and removals from LULUCF activities under Article 3, paragraph 3, and elected activities under Article 3, paragraph 4, for 2008; and (3) transactions and holdings of Kyoto Protocol units as at 31 December 2009. This report is interim in nature because some parts of the information presented are provisional. Final values will become available after completion of the annual review for 2010 and resolution of any questions of implementation, and will be presented in future reports as appropriate.

6. Information is also provided on the eligibility of the 37 Annex B Parties covered in this report to participate in the flexibility mechanisms under the Kyoto Protocol.

7. Detailed information on assigned amounts of individual Annex B Parties and other accounting information provided under the Kyoto Protocol is contained in the addendum to this report.<sup>5</sup> Full annual submissions of GHG inventories and accounting information by Parties are available on the UNFCCC website.<sup>6</sup>

### **C. Possible action by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol**

8. The CMP may wish to consider the information contained in this document and to refer it to the Subsidiary Body for Implementation for its consideration with a view to providing the CMP with recommendations on further action, if required.

## **II. Status of reporting and eligibility**

### **A. Status of annual submissions and review process**

9. As at 18 October 2010, the 37 Annex B Parties had submitted their annual GHG inventories with 2008 as the latest available inventory year. Thirty-four of these Parties also submitted their standard electronic format (SEF) tables in 2010 for the period from 1 January to 31 December 2009.

10. According to decision 22/CMP.1, the annual review for each Party under Article 8 of the Kyoto Protocol would be started in the year following the submission of its initial report. As noted in paragraph 4 above, 37 Annex B Parties have already submitted their

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<sup>3</sup> The text of the appeal by Croatia is available at [http://unfccc.int/documentation/documents/advanced\\_search/items/3594.php?rec=j&preref=600005722#beg](http://unfccc.int/documentation/documents/advanced_search/items/3594.php?rec=j&preref=600005722#beg).

<sup>4</sup> For latest available information relating to the questions of implementation with respect to Croatia, see [http://unfccc.int/kyoto\\_protocol/compliance/enforcement\\_branch/items/5456.php](http://unfccc.int/kyoto_protocol/compliance/enforcement_branch/items/5456.php).

<sup>5</sup> FCCC/KP/CMP/2010/5/Add.1.

<sup>6</sup> [http://unfccc.int/national\\_reports/annex\\_i\\_ghg\\_inventories/national\\_inventories\\_submissions/items/5270.php](http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/5270.php).

initial reports. The annual reviews of information reported under Article 7, paragraph 1, of the Kyoto Protocol by these Parties in 2010 have been initiated and are in progress.

## B. Status of eligibility

11. The status of eligibility of Annex B Parties to participate in the flexibility mechanisms under the Kyoto Protocol pursuant to decisions 3/CMP.1, 9/CMP.1, 11/CMP.1 and 15/CMP.1 as at 18 October 2010 is provided in table 1. All Annex B Parties except Bulgaria and Croatia were eligible to participate in the flexibility mechanisms.

12. The status of eligibility will be updated in the compilation and accounting database once the annual review of information reported in 2010 has been completed and questions of implementation, if any, have been resolved.

Table 1

### Status of eligibility of Annex B Parties to participate in the Kyoto Protocol mechanisms

<i>Annex B Party</i>	<i>Status</i>	<i>Last change in eligibility status (Date and time)<sup>a</sup></i>
Australia	E	11 July 2009, 00:00:01
Bulgaria	e <sup>b</sup>	28 June 2010, 15:47:00
Canada	E	16 June 2008, 09:00:00
Croatia	S	27 December 2009, 00:00:01
Czech Republic	E	24 February 2008, 00:00:01
Estonia	E	15 April 2008, 00:00:01
European Union	E	18 April 2008, 00:00:01
Austria	E	5 April 2008, 00:00:01
Belgium	E	22 April 2008, 00:00:01
Denmark	E	20 April 2008, 00:00:01
Finland	E	22 April 2008, 00:00:01
France	E	21 April 2008, 00:00:01
Germany	E	27 April 2008, 00:00:01
Greece	E	14 November 2008, 09:00:00
Ireland	E	19 April 2008, 00:00:01
Italy	E	19 April 2008, 00:00:01
Luxembourg	E	29 April 2008, 00:00:01
Netherlands	E	21 April 2008, 00:00:01
Portugal	E	28 April 2008, 00:00:01
Spain	E	19 April 2008, 00:00:01
Sweden	E	19 April 2008, 00:00:01
United Kingdom	E	11 April 2008, 00:00:01
Hungary	E	30 December 2007, 00:00:01
Iceland	E	11 May 2008, 00:00:01
Japan	E	30 December 2007, 00:00:01
Latvia	E	29 April 2008, 00:00:01
Liechtenstein	E	22 April 2008, 00:00:01
Lithuania	E	22 April 2008, 00:00:01
Monaco	E	7 September 2008, 00:00:01
New Zealand	E	31 December 2007, 00:00:01
Norway	E	22 April 2008, 00:00:01

<i>Annex B Party</i>	<i>Status</i>	<i>Last change in eligibility status (Date and time)<sup>a</sup></i>
Poland	E	29 April 2008, 00:00:01
Romania	E	18 September 2008, 00:00:01
Russian Federation	E	20 June 2008, 00:00:01
Slovakia	E	4 February 2008, 00:00:01
Slovenia	E	22 April 2008, 00:00:01
Switzerland	E	10 March 2008, 00:00:01
Ukraine	E	29 April 2008, 00:00:01

*Abbreviations:* E = considered to meet the eligibility requirements under: Article 6 of the Kyoto Protocol, pursuant to decision 9/CMP.1, annex, paragraph 22; Article 12, pursuant to decision 3/CMP.1, annex, paragraph 32; and Article 17, pursuant to decision 11/CMP.1, annex, paragraph 3, e = not considered to meet the eligibility requirements mentioned above, but may issue and transfer emission reduction units for joint implementation projects pursuant to decision 9/CMP.1, annex, paragraph 24, S = not considered to meet one or more of the eligibility requirements under Articles 6, 12 and 17, therefore eligibility is suspended pursuant to decision 27/CMP.1, annex, section XV, paragraph 4.

<sup>a</sup> All times are Greenwich Mean Time.

<sup>b</sup> Bulgaria became eligible to participate in the flexibility mechanisms under the Kyoto Protocol on 25 November 2008, at 00:00:01; however, the enforcement branch suspended Bulgaria's eligibility pending the resolution of the question of implementation relating to its national system on 28 June 2010. Detailed information on the question of implementation with respect to Bulgaria is available at <[http://unfccc.int/kyoto\\_protocol/compliance/items/2875.php](http://unfccc.int/kyoto_protocol/compliance/items/2875.php)>.

### III. Main accounting parameters

#### A. Key initial accounting parameters

13. Table 2 shows definitions of the base year chosen for accounting of hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride (fluorinated gases (F-gases)), GHG emissions from the sources listed in Annex A to the Kyoto Protocol in the base year and assigned amounts established pursuant to Article 3, paragraphs 7 and 8.

Table 2

#### Base year emissions and assigned amounts for the first commitment period under the Kyoto Protocol

<i>Party</i>	<i>Base year defined under the Kyoto Protocol<sup>a</sup></i>		<i>Base year emissions<sup>b</sup></i> (t CO <sub>2</sub> eq)	<i>Emission reduction/limitation target, % of base year level</i>		<i>Assigned amount</i> (t CO <sub>2</sub> eq)
				<i>Annex B</i>	<i>Article 4<sup>c</sup></i>	
	<i>CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O</i>	<i>F-gases</i>				
Australia	1990	1990	547 699 841	108	–	2 957 579 143
Bulgaria	1988	1995	132 618 658	92	–	610 045 827
Canada	1990	1990	593 998 462	94	–	2 791 792 771
Czech Republic	1990	1995	194 248 218	92	–	893 541 801
Estonia	1990	1995	42 622 312	92	–	196 062 637
European Union	1990	1990 or 1995	4 265 517 719	92	92	19 621 381 509
Austria	1990	1990	79 049 657	92	87	343 866 009
Belgium	1990	1995	145 728 763	92	92.5	673 995 528
Denmark	1990	1995	69 978 070	92	79	276 838 955

Party	Base year defined under the Kyoto Protocol <sup>a</sup>		Base year emissions <sup>b</sup> (t CO <sub>2</sub> eq)	Emission reduction/limitation target, % of base year level		Assigned amount (t CO <sub>2</sub> eq)
	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	F-gases		Annex B	Article 4 <sup>c</sup>	
	Finland	1990		1995	71 003 509	
France	1990	1990	563 925 328	92	100	2 819 626 640
Germany	1990	1995	1 232 429 543	92	79	4 868 096 694
Greece	1990	1995	106 987 169	92	125	668 669 806
Ireland	1990	1995	55 607 836	92	113	314 184 272
Italy	1990	1990	516 850 887	92	93.5	2 416 277 898
Luxembourg	1990	1995	13 167 499	92	72	47 402 996
Netherlands	1990	1995	213 034 498	92	94	1 001 262 141
Portugal	1990	1995	60 147 642	92	127	381 937 527
Spain	1990	1995	289 773 205	92	115	1 666 195 929
Sweden	1990	1995	72 151 646	92	104	375 188 561
United Kingdom	1990	1995	779 904 144	92	87.5	3 412 080 630
Hungary	1985–87	1995	115 397 149	94	–	542 366 600
Iceland	1990	1990	3 367 972	110	–	18 523 847
Japan	1990	1995	1 261 331 418	94	–	5 928 257 666
Latvia	1990	1995	25 909 159	92	–	119 182 130
Liechtenstein	1990	1990	229 483	92	–	1 055 623
Lithuania	1990	1995	49 414 386	92	–	227 306 177
Monaco	1990	1995	107 658	92	–	495 221
New Zealand	1990	1990	61 912 947	100	–	309 564 733
Norway	1990	1990	49 619 168	101	–	250 576 797
Poland	1988	1995	563 442 774	94	–	2 648 181 038
Romania	1989	1989	278 225 022	92	–	1 279 835 099
Russian Federation	1990	1995	3 323 419 064	100	–	16 617 095 319
Slovakia	1990	1990	72 050 764	92	–	331 433 516
Slovenia	1986	1995	20 354 042	92	–	93 628 593
Switzerland	1990	1990	52 790 957	92	–	242 838 402
Ukraine	1990	1990	920 836 933	100	–	4 604 184 663
Total <sup>d</sup>	–	–	12 575 114 106	–	–	60 284 929 112

*Abbreviation:* F-gases = fluorinated gases.

<sup>a</sup> Parties included in Annex I to the Convention may choose to use 1995 as the base year for total emissions of fluorinated gases (hydrofluorocarbons, perfluorocarbons and sulphur hexafluoride), in accordance with Article 3, paragraph 8, of the Kyoto Protocol.

<sup>b</sup> Refers to the total base year greenhouse gas emissions used for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8. Note that the following Parties included net emissions from land use, land-use change and forestry (deforestation) in their total greenhouse gas emissions for the base year in accordance with decision 13/CMP.1, annex, paragraph 5 (b): Australia: 131,544,513 t CO<sub>2</sub> eq; Ireland: 4,719 t CO<sub>2</sub> eq; Netherlands: 38,676 t CO<sub>2</sub> eq; Portugal: 981,203 t CO<sub>2</sub> eq; and United Kingdom: 365,593 t CO<sub>2</sub> eq.

<sup>c</sup> Fifteen member States of the European Union agreed to meet their targets jointly in accordance with Article 4, paragraph 1.

<sup>d</sup> The total includes the assigned amount of the European Union but does not include the assigned amounts of the individual member States in order to avoid double counting.

**1. Total base year greenhouse gas emissions used for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8**

14. Article 3, paragraph 8, of the Kyoto Protocol allows any Party included in Annex I to the Convention to use 1995 as its base year for F-gases, for the purpose of calculating its assigned amount pursuant to Article 3, paragraphs 7 and 8. Accordingly, 23 Annex B Parties elected to use 1995 as the base year for F-gases, while the remaining Parties, excluding the European Union, used the same base year for all GHGs. The European Union has multiple base years (1990 or 1995) for F-gases, depending on the base year elected by the individual member States.

15. The total GHG emissions from 36 Annex B Parties<sup>7</sup> in the base year<sup>8</sup> used for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, amounted to 12,575.1 million tonnes of carbon dioxide equivalent (Mt CO<sub>2</sub>), including total GHG emissions of 12,442.2 Mt CO<sub>2</sub> eq from the sources listed in Annex A to the Kyoto Protocol and emissions from LULUCF (net emissions and removals in the base year from the conversion of forests (deforestation)) of 132.9 Mt CO<sub>2</sub> eq.

**2. Assigned amount pursuant to Article 3, paragraphs 7 and 8**

16. The assigned amount pursuant to Article 3, paragraphs 7 and 8, for the first commitment period for a Party is calculated as the percentage inscribed for it in Annex B to the Kyoto Protocol of its aggregate anthropogenic CO<sub>2</sub> eq emissions of the GHGs from sources listed in Annex A to the Kyoto Protocol in the base year, multiplied by five. In accordance with Article 4, paragraph 1, the assigned amounts for 15 member States of the European Union have been calculated under the burden-sharing agreement of the European Union. Based on the information provided in the initial reports, as at 18 October 2010, assigned amounts for the first commitment period (2008–2012) had been established for 37 Parties.

17. For the first commitment period, the total assigned amount<sup>9</sup> for 36 Annex B Parties taken together is 60,284,929,112 t CO<sub>2</sub> eq. The total assigned amount for the European Union for the first commitment period is 19,621,381,509 t CO<sub>2</sub> eq.

**B. Greenhouse gas emissions and removals in 2008**

**1. Emissions from sources listed in Annex A to the Kyoto Protocol**

18. In 2010, the 37 Annex B Parties submitted their national GHG inventories, both the common reporting format tables and the national inventory reports, for the period from the base year to 2008. At the time when this report was prepared, review of the information on emissions from sources listed in Annex A to the Kyoto Protocol for 2008 by the ERTs was in progress.

19. In 2008, the total GHG emissions of Annex B Parties from sources listed in Annex A to the Kyoto Protocol amounted to 10,338.1 Mt CO<sub>2</sub> eq. This is 17.8 per cent lower than the base year level defined under the Kyoto Protocol (figure 1).

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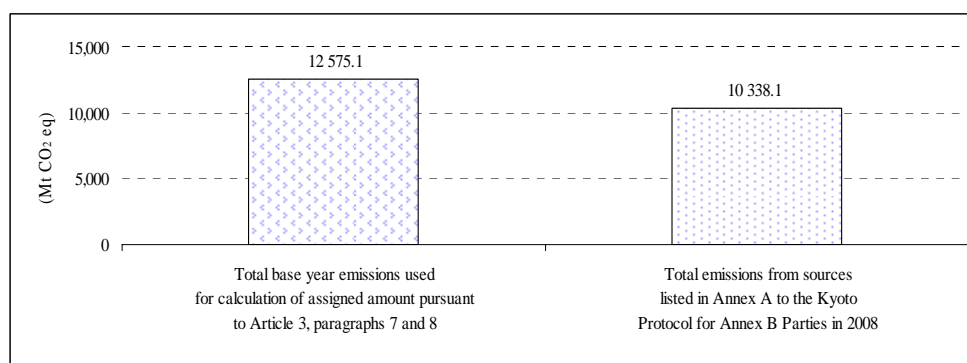
<sup>7</sup> The total includes emissions of the European Union but does not include emissions of the individual member States in order to avoid double counting.

<sup>8</sup> The total GHG emissions in the base year refers to the total GHG emissions that were used for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8.

<sup>9</sup> The total includes the assigned amount of the European Union but does not include the assigned amounts of the individual member States in order to avoid double counting.



Figure 1  
**Total greenhouse gas emissions for Annex B Parties from sources listed in Annex A to the Kyoto Protocol in 2008**



*Note:* The figure for the total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol for Annex B Parties in 2008 is presented here provisionally and may change depending on outcomes of the ongoing annual reviews.

## 2. Greenhouse gas emissions and removals from land use, land-use change and forestry activities

20. Twenty-eight Parties chose to account for LULUCF activities under Article 3, paragraph 3, for the entire commitment period (accounting once at the end of the commitment period) and eight chose to account annually. Twelve Parties elected not to account for any of the LULUCF activities under Article 3, paragraph 4, while the other Parties chose at least one of them (table 3).

Table 3

### Summary of methods chosen by Parties for accounting for activities under Article 3, paragraph 4, of the Kyoto Protocol

Activities under Article 3, paragraph 4, of the Kyoto Protocol	Number of Parties by type of accounting period elected		
	No accounting	Annually	Entire commitment period
Forest management	14	5	17
Cropland management	32	1	3
Grazing land management	34	1	1
Revegetation	33	0	3

*Note:* The table does not include the European Union; this Party does not have specific values for the parameters because the land use, land-use change and forestry activities and accounting periods elected for those activities under Article 3, paragraph 4, of the Kyoto Protocol are different for each member State.

21. According to decision 15/CMP.1, Annex B Parties are required to report, as a part of their annual GHG inventory, information on anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, and if any, elected activities under Article 3, paragraph 4, at the time when the inventory submission under the Convention is due for the first year of the commitment period of the Kyoto Protocol. As at 18 October 2010, the 37 Parties had reported this information. A summary of the information provided pursuant to decision 16/CMP.1 on the total net anthropogenic GHG emissions and removals for Annex B Parties from each of the LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol for 2008 is shown in table 4.

Table 4  
**Summary of total net anthropogenic greenhouse gas emissions and removals for Annex B Parties from land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol for 2008**

<i>Land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol</i>	<i>Number of reporting Parties</i>	<i>Net greenhouse gas emissions or removals (t CO<sub>2</sub> eq)</i>
Article 3.3 activities		
Afforestation and reforestation	36	-95 129 932
Deforestation	36	127 459 815
Net emissions or removals		32 329 883
Article 3.4 activities		
Forest management	22	-906 418 976
Cropland management	4	-13 773 562
Grazing land management	2	-3 863
Revegetation	3	-1 312 692
Net emissions or removals		-921 509 093

22. As at 31 December 2009, Parties had not issued any RMUs for 2008 resulting from their activities under Article 3, paragraph 3, and elected activities under Article 3, paragraph 4, accounted in accordance with decisions 13/CMP.1 and 16/CMP.1. Such units will be issued following completion of the annual review for 2010 in accordance with Article 8, taking into account any adjustments applied in accordance with Article 5, paragraph 2, and resolution of any questions of implementation relating to the reported net removals of anthropogenic GHGs.

### C. Transactions and holdings of Kyoto Protocol units

23. This section provides a provisional overview<sup>10</sup> of additions to, and subtractions from, the assigned amount pursuant to Article 3, paragraphs 7 and 8, at the end of 2009 for the 34 Annex B Parties that reported their SEF tables with information on Kyoto Protocol units in 2010. Three Annex B Parties (Canada, Iceland and Monaco) did not need to report such information in 2010 because they had not transferred or acquired any Kyoto Protocol units prior to 1 January 2010.<sup>11</sup>

#### 1. Transactions of Kyoto Protocol units

24. Decision 14/CMP.1 classifies transactions of Kyoto Protocol units into two categories: internal and external. An internal transaction does not involve another national registry, whereas an external transaction concerns the transaction of Kyoto Protocol units from one national registry to another.

25. Between 1 January and 31 December 2009, 19 Parties executed at least one form of internal transaction. The transactions were mainly related to: (1) issuance and/or conversion of Kyoto Protocol units in relation to joint implementation projects under Article 6; and (2) cancellation of Kyoto Protocol units, which were reported under the "other cancellation" account. Eight Parties have issued 5,995,089 ERUs into their registries by converting the

<sup>10</sup> At the time of preparation of this document, the annual review of information reported by Annex B Parties in 2010 was still in progress.

<sup>11</sup> Decision 14/CMP.1, annex, paragraph 3.

same amount of AAUs previously issued and held in its national registries. Eight Parties, which are member States of the European Union, transferred 33,688 AAUs in aggregate into the “other cancellation” accounts. Ten Parties, of which seven are member States of the European Union, transferred total quantities of 852,958 CERs into the “other cancellation” accounts. Finally, one Party, which is a member State of the European Union, transferred 66 ERUs into the “other cancellation” accounts.

26. Table 5 provides a summary of information on the total quantities of Kyoto Protocol units and number of Parties involved in external transactions that occurred between 1 January and 31 December 2009.

Table 5

**Total Kyoto Protocol units acquired or transferred through external transactions between 1 January and 31 December 2009<sup>a</sup>**

Transaction type		Kyoto Protocol units by external transaction type (Mt CO <sub>2</sub> eq)					
		AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Addition	Quantities acquired or forwarded <sup>b</sup>	3 454.0	9.3	0.0	624.2	0.0	0.0
	Parties involved	29	20	0	30	0	0
Subtraction	Quantities transferred	3 454.0	9.3	0.0	489.9	0.0	0.0
	Parties involved	29	18	0	27	0	0

*Abbreviations:* AAUs = assigned amount units, ERUs = emission reduction units, RMUs = removal units, CERs = certified emission reductions, tCERs = temporary certified emission reductions, ICERs = long-term certified emission reductions.

<sup>a</sup> The figure does not include the European Union in order to avoid double counting.

<sup>b</sup> CERs are forwarded by the clean development mechanism registry.

## 2. Holdings of Kyoto Protocol units by holding account type as at 31 December 2009

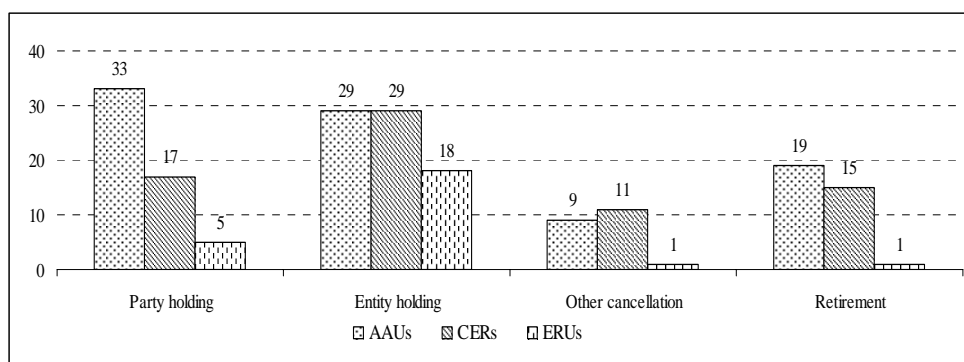
27. For the 33 Annex B Parties<sup>12</sup> that reported information on Kyoto Protocol units pursuant to decisions 13/CMP.1 and 15/CMP.1 by the end of 2009, there were 57,816.4 million Kyoto Protocol units, which included 57,467.3 million AAUs, 6.1 million ERUs and 343.1 million CERs, in the different holding accounts, including different cancellations and retirement accounts.

28. Figure 2 shows the number of Parties that hold Kyoto Protocol units in different holding accounts. A summary of the total quantities of the different Kyoto Protocol units, as at 31 December 2009, in different account types for 33 Annex B Parties is given in table 6. The breakdown of total Kyoto Protocol units by Party is provided in table 7.

29. Detailed information on the status of accounts for each Annex B Party can be found in document FCCC/KP/CMP/2010/5/Add.1.

<sup>12</sup> This figure does not include the European Union in order to avoid double counting.

Figure 2  
**Number of Annex B Parties holding Kyoto Protocol units by account type in 2009**



Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units.

Table 6  
**Summary of total quantities<sup>a</sup> of Kyoto Protocol units by account type for Annex B Parties as at 31 December 2009**

Account type	Total quantities by unit type (Mt CO <sub>2</sub> eq)					
	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	54 327.8	1.4	0	83.9	0	0
Entity holding	2 095.1	4.7	0	201.7	0	0
Article 3.3/3.4 net source cancellation	0	0	0	0	0	0
Non-compliance cancellation	0	0	0	0	0	0
Other cancellation	0.036	0.0001	0	1.5	0	0
Retirement	1 044.3	0.048	0	56.0	0	0
tCER replacement for expiry	0	0	0	0	0	0
ICER replacement for expiry	0	0	0	0	0	0
ICER replacement for reversal in storage	0	0	0	0	0	0
ICER replacement for non-submission of CR	0	0	0	0	0	0
<b>Total</b>	<b>57 467.3</b>	<b>6.1</b>	<b>0</b>	<b>343.1</b>	<b>0</b>	<b>0</b>

Abbreviations: AAUs = assigned amount units, ERUs = emission reduction units, RMUs = removal units, CERs = certified emission reductions, tCERs = temporary certified emission reductions, ICERs = long-term certified emission reductions, CR = certification report.

<sup>a</sup> "Total quantities" refers to the sum of the Kyoto Protocol units in each account type for 33 Annex B Parties.

Table 7  
**Total quantities<sup>a</sup> of Kyoto Protocol units for Annex B Parties as at 31 December 2009**

Annex B Party	Total quantities by unit type (Mt CO <sub>2</sub> eq)					
	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Australia	2 957.6	0	0	0	0	0
Bulgaria	610.0	0	0	0	0	0
Canada <sup>b</sup>	–	–	–	–	–	–
Czech Republic	815.2	0.10	0	5.9	0	0

Annex B Party	Total quantities by unit type (Mt CO <sub>2</sub> eq)					
	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Estonia	196.5	0.04	0	0.001	0	0
European Union	19 771.4	3.5	0	219.0	0	0
Austria	352.5	0.83	0	8.7	0	0
Belgium	662.4	0	0	4.3	0	0
Denmark	300.8	0.34	0	2.2	0	0
Finland	350.8	0.03	0	3.5	0	0
France	2 888.6	0.07	0	13.4	0	0
Germany	4 894.7	0.32	0	65.7	0	0
Greece	662.4	0	0	0.42	0	0
Ireland	314.9	0	0	7.2	0	0
Italy	2 426.4	0	0	27.7	0	0
Luxembourg	47.1	0	0	1.0	0	0
Netherlands	1 011.8	1.0	0	17.2	0	0
Portugal	378.5	0	0	4.3	0	0
Spain	1 654.2	0.13	0	36.5	0	0
Sweden	369.7	0.01	0	2.1	0	0
United Kingdom	3 456.6	0.76	0	24.7	0	0
Hungary	523.6	0	0	2.9	0	0
Iceland <sup>b</sup>	–	–	–	–	–	–
Japan	6 025.9	0.67	0	82.7	0	0
Latvia	81.8	0	0	0.35	0	0
Liechtenstein	1.1	0	0	0.03	0	0
Lithuania	221.1	0.11	0	0.62	0	0
Monaco <sup>b</sup>	–	–	–	–	–	–
New Zealand	308.4	0.05	0	0.01	0	0
Norway	251.6	0.02	0	1.3	0	0
Poland	2 623.4	0.001	0	11.0	0	0
Romania	1 243.8	0	0	1.3	0	0
Russian Federation	16 617.1	0	0	0	0	0
Slovakia	298.8	0	0	3.0	0	0
Slovenia	92.7	0	0	1.2	0	0
Switzerland	283.0	1.6	0	13.7	0	0
Ukraine	4 544.5	0	0	0	0	0

*Abbreviations:* AAUs = assigned amount units, ERUs = emission reduction units, RMUs = removal units, CERs = certified emission reductions, tCERs = temporary certified emission reductions, ICERs = long-term certified emission reductions.

<sup>a</sup> “Total quantities” refers to the sum of the Kyoto Protocol units in each account type for each Annex B Party.

<sup>b</sup> Not required to submit the standard electronic format tables for the submission year 2010.