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COMPLIANCE COMMITTEE

CC/2008/1  
18 November 2008

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

**Note by the secretariat**

The annual compilation and accounting report for Annex B Parties under the Kyoto Protocol and the addendum to this report were published on 17 November 2008. For purposes of rule 10, paragraph 2, of the rules of procedure of the Compliance Committee (annex to decision 4/CMP.2), the report and its addendum are considered received by the secretariat on the same date. This report, FCCC/KP/CMP/2008/9 and its addendum, FCCC/KP/CMP/2008/9/Add.1, contained in the annex to this note, are being forwarded to the Compliance Committee in accordance with paragraph 4 of decision 13/CMP.1.





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**Item 12 of the provisional agenda**  
**Annual compilation and accounting report for Annex B Parties under the Kyoto Protocol**

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

**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 reports containing the initial accounting parameters that were recorded in the compilation and accounting database after the completion of the initial reviews under Article 8 of the Kyoto Protocol for Parties 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 contains the first such report. It shows the status of submission and review of the initial reports of Annex B Parties and their eligibility to participate in the flexibility mechanisms under the Kyoto Protocol. The document also provides information on base year emissions, assigned amounts, annual emissions of greenhouse gases from sectors listed in Annex A to the Kyoto Protocol, parameters for forest definition, and the election of, and accounting period for, land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol.

\* This document was submitted after the due date owing to the need for internal consultations.

CONTENTS

	<i>Paragraphs</i>	<i>Page</i>
I. INTRODUCTION .....	1–6	3
A. Mandate .....	1–2	3
B. Scope of the note .....	3–5	3
C. Possible action by the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol.....	6	3
II. STATUS OF REPORTING AND ELIGIBILITY .....	7–17	4
A. Timeliness of submissions and status of review process .....	7–11	4
B. Status of eligibility .....	12–17	6
III. MAIN ACCOUNTING PARAMETERS .....	18–30	8
A. Base year emissions and assigned amounts.....	18–25	8
B. Holdings and transactions of Kyoto Protocol units.....	26	11
C. Annual greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol.....	27–28	11
D. Parameters for forest definition and election of activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting periods.....	29–30	11

## 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 13/CMP.1, requested the secretariat to begin publishing the annual compilation and accounting reports 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 questions of implementation relating to adjustments under Article 5, paragraph 2, of the Kyoto Protocol, or its assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol and to forward such reports to the CMP, the Compliance Committee and each Party concerned.

2. The CMP, by its decision 22/CMP.1, requested the secretariat to publish all final reports resulting from reviews conducted under Article 8 of the Kyoto Protocol and forward them to the CMP, the Compliance Committee and each Party concerned. These include the reports of the reviews conducted under Article 8 of the Kyoto Protocol of the reports submitted by Parties in accordance with decision 13/CMP.1 (hereinafter referred to as initial review reports).

### B. Scope of the note

3. This is the first compilation and accounting report containing the initial accounting parameters that had been recorded in the compilation and accounting database (CAD) by 18 September 2008 after the completion of the initial review under the Kyoto Protocol by expert review teams (ERTs) and the resolution of any questions of implementation. The annual reports for future years will include detailed information on holdings and transactions of Kyoto Protocol units as such information becomes available.

4. The document shows the status of submission and review of the initial reports of Parties to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol (Annex B Parties) and their eligibility to participate in the flexibility mechanisms under the Kyoto Protocol. The document also provides information on base year emissions<sup>1</sup> under the Kyoto Protocol, the assigned amounts established during the initial review, annual emissions of greenhouse gases (GHGs) from sources listed in Annex A to the Kyoto Protocol, parameters for forest definition, and the election of land use, land-use change and forestry (LULUCF) activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol.

5. Detailed information for individual Parties on their assigned amounts and other information necessary for accounting under the Kyoto Protocol, such as elections of LULUCF activities under Article 3, paragraphs 3 and 4, and the accounting period for each elected activity, is contained in the addendum to this report.<sup>2</sup>

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

6. The CMP may wish to consider the information contained in this document together with the initial review reports and to refer this item to the Subsidiary Body for Implementation to prepare a draft decision or conclusions.

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<sup>1</sup> Base year in this report refers to the base year defined under the Kyoto Protocol, unless otherwise indicated.

<sup>2</sup> FCCC/KP/CMP/2008/9/Add.1.

## II. Status of reporting and eligibility

### A. Timeliness of submissions and status of review process

7. Decision 13/CMP.1 requires all Annex B Parties to submit their initial reports to the secretariat, prior to 1 January 2007 or one year after the entry into force of the Kyoto Protocol for that Party, whichever is later, in order to facilitate the calculation of their assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the commitment period and demonstrate their capacity to account for their emissions and assigned amounts.

8. Table 1 presents the status of submission and review of the initial reports. There are 39 Annex B Parties including Belarus, which was included in Annex B to the Kyoto Protocol with a quantified emission reduction commitment of 92 per cent through an amendment to Annex B,<sup>3</sup> and the European Community.<sup>4</sup> All 39 Annex B Parties submitted their initial reports; 34 of these submitted their initial reports by the date stipulated by decision 13/CMP.1, and five (Bulgaria, Canada, Iceland, Romania and Russian Federation) submitted their initial reports after the stipulated deadline, which for those Parties was 1 January 2007.

9. The information contained in the initial reports was subject to technical review in accordance with the "Guidelines for review under Article 8 of the Kyoto Protocol".<sup>5</sup> As at 18 September 2008, the initial reviews had been completed, and the review reports for 36 out of 39 Annex B Parties published and forwarded to the Compliance Committee. The parameters stemming from the initial review that facilitate the calculation of assigned amounts and eligibility to participate in the flexibility mechanisms under the Kyoto Protocol have been recorded in the CAD for all Annex B Parties reviewed.

**Table 1. Status of the submission and review of the initial reports**

Party	Kyoto Protocol ratification date	Initial report submission date	Initial report submitted on time <sup>a</sup>	Status of review by the ERT	Review report symbol
Australia	12 December 2007	11 March 2008	Yes	In progress	-
Austria	31 May 2002	5 December 2006	Yes	Completed	FCCC/IRR/2007/AUT
Belarus <sup>b</sup>	26 August 2005	31 October 2006	Yes	Not started	-
Belgium	31 May 2002	22 December 2006	Yes	Completed	FCCC/IRR/2007/BEL
Bulgaria	15 August 2002	25 July 2007 <sup>c</sup>	No	Completed	FCCC/IRR/2007/BGR
Canada	17 December 2002	15 March 2007 <sup>c</sup>	No	Completed	FCCC/IRR/2007/CAN
Croatia	30 May 2007	27 August 2008	Yes	Not started	-
Czech Republic	15 November 2001	24 October 2006	Yes	Completed	FCCC/IRR/2007/CZE
Denmark	31 May 2002	20 December 2006	Yes	Completed	FCCC/IRR/2007/DNK
Estonia	14 October 2002	15 December 2006	Yes	Completed	FCCC/IRR/2007/EST
European Community	31 May 2002	18 December 2006	Yes	Completed	FCCC/IRR/2007/EC
Finland	31 May 2002	22 December 2006	Yes	Completed	FCCC/IRR/2007/FIN
France	31 May 2002	21 December 2006	Yes	Completed	FCCC/IRR/2007/FRA
Germany	31 May 2002	27 December 2006	Yes	Completed	FCCC/IRR/2007/DEU

<sup>3</sup> Decision 10/CMP.2.

<sup>4</sup> The 15 member States that were members of the European Community prior to May 2004 (Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden and United Kingdom of Great Britain and Northern Ireland).

<sup>5</sup> Decision 22/CMP.1, annex.

**Table 1.** (continued)

<b>Party</b>	<b>Kyoto Protocol ratification date</b>	<b>Initial report submission date</b>	<b>Initial report submitted on time<sup>a</sup></b>	<b>Status of review by the ERT</b>	<b>Review report symbol</b>
Greece	31 May 2002	29 December 2006	Yes	Completed	FCCC/IRR/2007/GRC
Hungary	21 August 2002	30 August 2006	Yes	Completed	FCCC/IRR/2007/HUN
Iceland	23 May 2002	11 January 2007 <sup>c</sup>	No	Completed	FCCC/IRR/2007/ISL
Ireland	31 May 2002	19 December 2006	Yes	Completed	FCCC/IRR/2007/IRL
Italy	31 May 2002	19 December 2006	Yes	Completed	FCCC/IRR/2007/ITA
Japan	4 June 2002	30 August 2006	Yes	Completed	FCCC/IRR/2007/JPN
Latvia	5 July 2002	29 December 2006	Yes	Completed	FCCC/IRR/2007/LVA
Liechtenstein	3 December 2004	22 December 2006	Yes	Completed	FCCC/IRR/2007/LIE
Lithuania	3 January 2003	22 December 2006	Yes	Completed	FCCC/IRR/2007/LTU
Luxembourg	31 May 2002	29 December 2006	Yes	Completed	FCCC/IRR/2007/LUX
Monaco	27 February 2006	7 May 2007	Yes	Completed	FCCC/IRR/2007/MCO
Netherlands	31 May 2002	21 December 2006	Yes	Completed	FCCC/IRR/2007/NLD
New Zealand	19 December 2002	31 August 2006	Yes	Completed	FCCC/IRR/2007/NZL
Norway	30 May 2002	22 December 2006	Yes	Completed	FCCC/IRR/2007/NOR
Poland	13 December 2002	29 December 2006	Yes	Completed	FCCC/IRR/2007/POL
Portugal	31 May 2002	28 December 2006	Yes	Completed	FCCC/IRR/2007/PRT
Romania	19 March 2001	18 May 2007 <sup>c</sup>	No	Completed	FCCC/IRR/2007/ROU
Russian Federation	18 November 2004	20 February 2007 <sup>c</sup>	No	Completed	FCCC/IRR/2007/RUS
Slovakia	31 May 2002	4 October 2006	Yes	Completed	FCCC/IRR/2007/SVK
Slovenia	2 August 2002	22 December 2006	Yes	Completed	FCCC/IRR/2007/SVN
Spain	31 May 2002	19 December 2006	Yes	Completed	FCCC/IRR/2007/ESP
Sweden	31 May 2002	19 December 2006	Yes	Completed	FCCC/IRR/2007/SWE
Switzerland	9 July 2003	10 November 2006	Yes	Completed	FCCC/IRR/2007/CHE
Ukraine	12 April 2004	29 December 2006	Yes	Completed	FCCC/IRR/2007/UKR
United Kingdom of Great Britain and Northern Ireland	31 May 2002	11 December 2006	Yes	Completed	FCCC/IRR/2007/GBR

*Abbreviation:* ERT = expert review team.

<sup>a</sup> Initial reports must be submitted by Parties prior to 1 January 2007 or one year after the entry into force of the Kyoto Protocol for the Party, whichever is later.

<sup>b</sup> Belarus was included in Annex B to the Kyoto Protocol with a quantified emission reduction commitment of 92 per cent through an amendment to Annex B (decision 10/CMP.2). As at 18 September 2008, this amendment had not yet entered into force.

<sup>c</sup> Submitted after the deadline.

10. This report contains information on 36 out of the 39 Annex B Parties that had been recorded in the CAD by 18 September 2008. At the time when this document was prepared, the initial review for Australia was still in progress. Belarus has submitted its initial report, but the review of this report has not been initiated, because the amendment to include Belarus in Annex B to the Kyoto Protocol has not been ratified by the required number of Parties and therefore has not yet entered into force. Croatia became a Party to the Kyoto Protocol on 28 August 2007 and submitted its initial report on 27 August 2008; the initial review for Croatia should be completed by 27 August 2009.

11. Of the 36 initial review reports forwarded to the Compliance Committee, two (Canada and Greece) contained a question of implementation: that of Canada related to its national registry and that of Greece to its national system. The outcomes of the consideration of these questions of implementation by the Compliance Committee are discussed in more detail in paragraphs 16 and 17 below.

## B. Status of eligibility

12. According to decisions 3/CMP.1, 9/CMP.1 and 11/CMP.1, the eligibility criteria for a Party to participate in the flexibility mechanisms under the Kyoto Protocol include the following:

- (a) The Party is a Party to the Kyoto Protocol;
- (b) The Party's assigned amount pursuant to Article 3, paragraphs 7 and 8, has been calculated and recorded in accordance with decision 13/CMP.1;
- (c) The Party has in place a national system that is in compliance with the requirements established under Article 5, paragraph 1, and the requirements in the guidelines decided thereunder;<sup>6</sup>
- (d) The Party has in place a national registry in accordance with Article 7, paragraph 4, and the requirements in the guidelines decided thereunder;<sup>7</sup>
- (e) The Party has submitted annually the most recent required inventory, in accordance with Article 5, paragraph 2, and Article 7, paragraph 1, and the requirements in the guidelines decided thereunder, including the national inventory report and the common reporting format.<sup>8</sup> For the first commitment period, the quality assessment needed for determining eligibility to use the mechanisms shall be limited to the parts of the inventory pertaining to emissions of GHGs from the sources listed in Annex A to the Kyoto Protocol and the submission of the annual inventory on sinks;
- (f) The Party has submitted supplementary information on its assigned amount in accordance with Article 7, paragraph 1, and the requirements in the guidelines decided thereunder<sup>9</sup> and made any additions to, and subtractions from, its assigned amount pursuant to Article 3, paragraphs 7 and 8, including for the activities under Article 3, paragraphs 3 and 4, in accordance with Article 7, paragraph 4, and the requirements in the guidelines decided thereunder.<sup>10</sup>

13. As this report covers only Parties to the Kyoto Protocol, criterion (a) is fulfilled for all Parties. Criterion (f) will become relevant during the future annual review process and therefore is not considered in this document.

14. The current status of eligibility to participate in the flexibility mechanisms under the Kyoto Protocol is based on the information submitted for the initial review process. Thirty-six Annex B Parties had been reviewed by 18 September 2008: of these, 35 fulfilled all the eligibility criteria and 34 became eligible to participate in all Kyoto Protocol mechanisms (see table 2). Bulgaria submitted its initial report on 25 July 2007 and will become eligible to participate in all flexibility mechanisms under the Kyoto Protocol on 25 November 2008.

15. No values are given in table 2 for Australia, Belarus and Croatia because, for these Parties, the review of the initial report is either still in progress or not yet initiated.

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<sup>6</sup> Decision 19/CMP.1.

<sup>7</sup> Decision 13/CMP.1.

<sup>8</sup> Decision 15/CMP.1.

<sup>9</sup> Decision 13/CMP.1.

<sup>10</sup> Decision 13/CMP.1.



**Table 2. Status of eligibility to participate in the Kyoto Protocol mechanisms**

Party	Eligibility to participate		Date of establishing eligibility
	All Kyoto Protocol flexibility mechanisms	Joint implementation Track 2 <sup>a</sup>	
Australia <sup>b</sup>	-	-	-
Austria	Yes	Yes	5 April 2008
Belarus <sup>b</sup>	-	-	-
Belgium	Yes	Yes	22 April 2008
Bulgaria <sup>c</sup>	Yes	Yes	25 November 2008
Canada	Yes	Yes	16 June 2008
Croatia <sup>b</sup>	-	-	-
Czech Republic	Yes	Yes	24 February 2008
Denmark	Yes	Yes	20 April 2008
Estonia	Yes	Yes	15 April 2008
European Community	Yes	Yes	18 April 2008
Finland	Yes	Yes	22 April 2008
France	Yes	Yes	21 April 2008
Germany	Yes	Yes	27 April 2008
Greece	No	Yes	17 April 2008
Hungary	Yes	Yes	1 January 2008
Iceland	Yes	Yes	11 May 2008
Ireland	Yes	Yes	19 April 2008
Italy	Yes	Yes	19 April 2008
Japan	Yes	Yes	1 January 2008
Latvia	Yes	Yes	29 April 2008
Liechtenstein	Yes	Yes	22 April 2008
Lithuania	Yes	Yes	22 April 2008
Luxembourg	Yes	Yes	29 April 2008
Monaco	Yes	Yes	7 September 2008
Netherlands	Yes	Yes	21 April 2008
New Zealand	Yes	Yes	1 January 2008
Norway	Yes	Yes	22 April 2008
Poland	Yes	Yes	29 April 2008
Portugal	Yes	Yes	28 April 2008
Romania	Yes	Yes	18 September 2008
Russian Federation	Yes	Yes	20 June 2008
Slovakia	Yes	Yes	4 February 2008
Slovenia	Yes	Yes	22 April 2008
Spain	Yes	Yes	19 April 2008
Sweden	Yes	Yes	19 April 2008
Switzerland	Yes	Yes	10 March 2008
Ukraine	Yes	Yes	29 April 2008
United Kingdom of Great Britain and Northern Ireland	Yes	Yes	11 April 2008

<sup>a</sup> A Party is eligible to participate in joint implementation (Track 2) projects if it fulfils the following criteria: (1) the Party is a Party to the Kyoto Protocol; (2) its assigned amounts are calculated and recorded in the compilation and accounting database; and (3) it has a national registry in place.

<sup>b</sup> No values are given for Australia, Belarus and Croatia because the review of their initial reports is either in progress or not yet initiated.

<sup>c</sup> Bulgaria submitted its initial report on 25 July 2007 and it will become eligible to participate in all the Kyoto Protocol mechanisms on 25 November 2008.

16. As explained in paragraph 11 above, the ERTs formulated a question of implementation each for Greece and Canada. The enforcement branch of the Compliance Committee at its fourth meeting<sup>11</sup>

<sup>11</sup> CC-2007-1-8/Greece/EB, available at [http://unfccc.int/files/kyoto\\_protocol/compliance/enforcement\\_branch/application/pdf/cc-2007-1-8\\_greece\\_eb\\_final\\_decision.pdf](http://unfccc.int/files/kyoto_protocol/compliance/enforcement_branch/application/pdf/cc-2007-1-8_greece_eb_final_decision.pdf).

determined that Greece was not in compliance with the “Guidelines for national systems under Article 5, paragraph 1, of the Kyoto Protocol”<sup>12</sup> and the “Guidelines for the preparation of the information required under Article 7 of the Kyoto Protocol”.<sup>13</sup> Greece is therefore not eligible to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol pending the resolution of the question of implementation. However, Greece is eligible to participate in joint implementation (Track 2), which requires verification of project emission reductions to occur through the Joint Implementation Supervisory Committee procedures.<sup>14</sup>

17. The enforcement branch of the Compliance Committee at its fifth meeting<sup>15</sup> decided not to proceed further with the question of implementation relating to the eligibility requirements indicated in the initial review report of Canada and hence Canada became eligible to participate in all flexibility mechanisms under the Kyoto Protocol on 16 June 2008.

### **III. Main accounting parameters**

#### **A. Base year emissions and assigned amounts**

18. Table 3 shows details of base year emissions and assigned amounts for the first commitment period under the Kyoto Protocol for each Annex B Party. 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 fluorinated gases (F-gases), for the purposes of calculating its assigned amount. Accordingly, 24 out of 39 Annex B Parties elected to use 1995 as the base year for F-gases while all other Parties, excluding the European Community, used the same base year for all the GHGs. The European Community has multiple base years (1990 or 1995) for F-gases, depending on the base year elected by the individual member States. The information on base years for F-gases for Australia, Belarus and Croatia is not yet available in the CAD because, for these Parties, the review of the initial report is either still in progress or has not yet started.

19. In accordance with decision 13/CMP.1, annex, paragraph 5 (b), those Parties for which the LULUCF sector constituted a net source of GHG emissions in the base year shall include in their emissions during that year the aggregate anthropogenic carbon dioxide equivalent (CO<sub>2</sub> eq) emissions by sources minus removals by sinks reported in relation to the conversion of forests (deforestation) in that year. The following Parties included net emissions from LULUCF (deforestation) in their total GHG emissions for the base year:

- (a) Ireland: 4,419 t CO<sub>2</sub> eq;
- (b) Netherlands: 38,676 t CO<sub>2</sub> eq;
- (c) Portugal: 981,203 t CO<sub>2</sub> eq;
- (d) United Kingdom of Great Britain and Northern Ireland: 365,593 t CO<sub>2</sub> eq.

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<sup>12</sup> Decision 19/CMP.1.

<sup>13</sup> Decision 15/CMP.1.

<sup>14</sup> Decision 9/CMP.1.

<sup>15</sup> CC-2008-1-6/Canada/EB, available at [http://unfccc.int/files/kyoto\\_protocol/compliance/enforcement\\_branch/application/pdf/cc-2008-1-6\\_canada\\_eb\\_decision\\_not\\_to\\_proceed\\_further.pdf](http://unfccc.int/files/kyoto_protocol/compliance/enforcement_branch/application/pdf/cc-2008-1-6_canada_eb_decision_not_to_proceed_further.pdf).

**Table 3. Base year emissions and assigned amounts for the first commitment period under the Kyoto Protocol**

Party	Base year defined under the Kyoto Protocol <sup>a</sup>		Base year emissions, t CO <sub>2</sub> eq	Emission reduction/limitation target, % of base year level		Assigned amounts, 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>b</sup>	
Australia <sup>c</sup>	1990	NA	NA	108	-	NA
Austria	1990	1990	79 049 657	92	87	343 866 009
Belarus <sup>c</sup>	1990	NA	NA	92	-	NA
Belgium	1990	1995	145 728 763	92	92.5	673 995 528
Bulgaria	1988	1995	132 618 658	92	-	610 045 827
Canada	1990	1990	593 998 462	94	-	2 791 792 771
Croatia <sup>c</sup>	1990	NA	NA	95	-	NA
Czech Republic	1990	1995	194 248 218	92	-	893 541 801
Denmark	1990	1995	69 978 070	92	79	276 838 955
Estonia	1990	1995	42 622 312	92	-	196062637
European Community	1990	1990 or 1995	4 265 517 719	92	92	19 621 381 509
Finland	1990	1995	71 003 509	92	100	355 017 545
France	1990	1990	563 925 328	92	100	2 819 626 640
Germany	1990	1995	1 232 429 540	92	79	4 868 096 694
Greece	1990	1995	106 987 169	92	125	668 669 806
Hungary	1985–87	1995	115 397 149	94	-	542 366 600
Iceland	1990	1990	3 367 972	110	-	18 523 847
Ireland	1990	1995	55 607 836	92	113	314 184 272
Italy	1990	1990	516 850 887	92	93.5	2 416 277 898
Japan	1990	1995	126 1331 420	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
Luxembourg	1990	1995	13 167 499	92	72	47 402 996
Monaco	1990	1995	107 658	92	-	495 221
Netherlands	1990	1995	213 034 498	92	94	1 001 262 141
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
Portugal	1990	1995	60 147 642	92	127	381 937 527
Romania	1989	1989	278 225 022	92	-	1 279 835 099
Russian Federation	1990	1995	3 323 419 060	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
Spain	1990	1995	289 773 205	92	115	1 666 195 929
Sweden	1990	1995	72 151 646	92	104	375 188 561
Switzerland	1990	1990	52 790 957	92	-	242 838 402
Ukraine	1990	1990	920 836 933	100	-	4 604 184 663
United Kingdom of Great Britain and Northern Ireland	1990	1995	779 904 144	92	-	3 412 080 630
<b>Total<sup>d</sup></b>	-	-	<b>12 031 635 942</b>	-	-	<b>57 326 609 591</b>

*Abbreviations:* F-gases = fluorinated gases, NA = not available.

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

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

<sup>c</sup> No values for base year for F-gases, total greenhouse gas emissions in base year and assigned amounts for Australia, Belarus and Croatia are given because, for these Parties, the review of the initial report is either still in progress or has not yet started.

<sup>d</sup> The total does not include the European Community in order to avoid double counting.

20. The total GHG emissions from Annex B Parties<sup>16</sup> in the base year amounted to 12,031.6 Mt CO<sub>2</sub> eq including total GHG emissions of 12,030.2 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 1.4 Mt CO<sub>2</sub> eq.
21. The total GHG emissions in the base year for the European Community amounted to 4,265.5 Mt CO<sub>2</sub> eq including GHG emissions of 4,264.1 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 1.4 Mt CO<sub>2</sub> eq.
22. In the base year, Annex B Parties with economies in transition (EIT Parties) accounted for 47.7 per cent of total GHG emissions and the rest of the Annex B Parties excluding the European Community accounted for 52.3 per cent of the total GHG emissions. Emissions of CO<sub>2</sub>, nitrous oxide and methane combined constituted 98.6 per cent of the total GHG emissions in the base year.
23. The assigned amount 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 Community have been calculated under the burden-sharing agreement of the European Union. Based on the information provided in the initial reports, assigned amounts for the first commitment period have been established for 36 Parties. The assigned amounts for Australia, Belarus and Croatia have not yet been established.
24. For the first commitment period, the total assigned amount<sup>17</sup> for all Annex B Parties taken together (excluding the European Community) is 57,326,609,591 t CO<sub>2</sub> eq, with EIT Parties and the rest of the Annex B Parties accounting for 49.1 and 50.1 per cent, respectively. The total assigned amount for the European Community for the first commitment period is 19,621,381,509 t CO<sub>2</sub> eq.
25. Table 4 summarizes the total aggregate GHG emissions in the base year and the assigned amounts.

**Table 4. Summary of total greenhouse gas emissions in base year and assigned amount units**

	Total greenhouse gas emissions in base year, t CO <sub>2</sub> eq	Assigned amounts for the commitment period, t CO <sub>2</sub> eq	Annual average assigned amounts, <sup>a</sup> t CO <sub>2</sub> eq	Ratio of annual average assigned amounts to total greenhouse gas emissions (base year), %
Annex B EITs	5 738 538 481	28 162 863 400	5 632 572 680	98.15
Annex B non-EITs	6 293 097 461	29 163 746 191	5 832 749 238	92.68
Annex B Parties	12 031 635 942	57 326 609 591	11 465 321 918	95.29
European Community	4 265 517 719	19 621 381 509	3 924 276 302	92.00

*Abbreviations:* Annex B Parties = Parties to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol (taken together), Annex B EITs = Annex B Parties with economies in transition, Annex B non-EITs = Annex B Parties that do not have economies in transition.

*Note:* The table does not contain information on Australia, Belarus and Croatia because, for these Parties, the review of the initial report is either still in progress or has not yet started.

<sup>a</sup> Annual average assigned amounts are computed by dividing the total assigned amounts for the commitment period by five.

<sup>16</sup> Not including emissions from Australia, Belarus and Croatia. The emissions of the European Community are also not included in order to avoid double counting of the emissions.

<sup>17</sup> Not including assigned amounts for Australia, Belarus and Croatia.

**B. Holdings and transactions of Kyoto Protocol units**

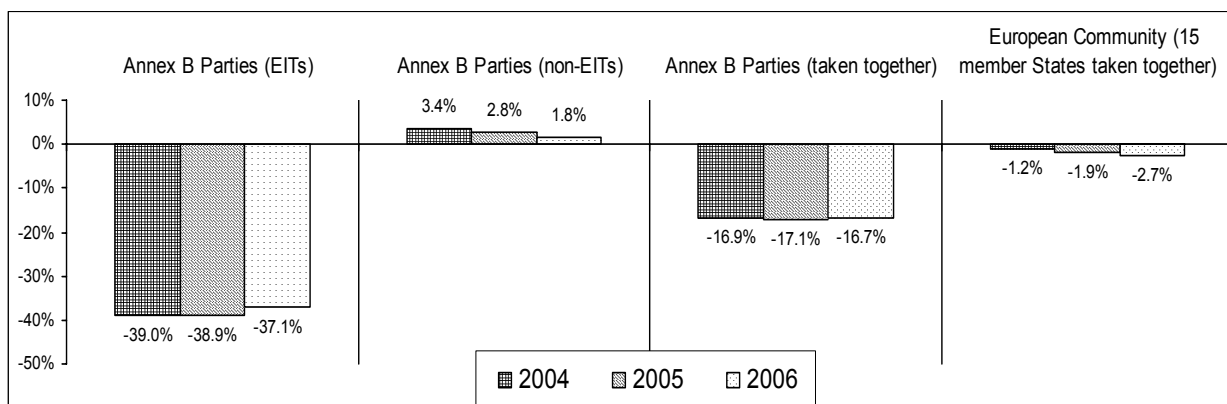
26. In 2007, no transaction of Kyoto Protocol units took place for any Annex B Parties except for the initial issuance of assigned amount units (AAUs) by national registries of the following Parties: Japan (5,928,257,666 AAUs), New Zealand (309,564,733 AAUs) and Switzerland (5,000,000 AAUs). Japan and Switzerland also received 12,813,402 and 302,480 units of certified emission reductions, respectively, from the clean development mechanism registry.

**C. Annual greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol**

27. The data on total GHG emissions from the sources listed in Annex A to the Kyoto Protocol from inventory submissions of 2008 for 2004, 2005 and 2006 are compared against the total GHG emissions in the base year in the figure below. The total GHG emissions in the base year include emissions from LULUCF (net emissions and removals in the base year from the conversion of forests (deforestation)). Note that the figure is for information only and cannot be used as an indication of compliance, because the effects of using the flexibility mechanisms under the Kyoto Protocol are not taken into account.

28. The figure shows changes in total GHG emissions for the period 2004–2006 from the base year for Annex B Parties taken together, EIT Parties and the rest of the Annex B Parties. In 2006, the total GHG emissions were 16.7 per cent lower than the base year level for all Annex B Parties taken together (excluding the European Community). During the period 2004–2006, the total GHG emissions from EIT Parties showed a slight upward trend while those from the other Parties showed a downward trend. The total GHG emissions for the European Community also demonstrated a downward trend for the period 2004–2006.

**Change in total greenhouse gas emissions for the period 2004–2006 from the base year**



*Abbreviations:* Annex B Parties = Parties to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol, Annex B Parties (EITs) = Annex B Parties with economies in transition, Annex B Parties (non-EITs) = Annex B Parties that do not have economies in transition.

*Note:* The figure does not include emissions from Australia, Belarus and Croatia for the period 2004–2006. The emissions data are available for the period 2004–2006 but there is no information on the base year emissions; in order to be consistent in the analysis, the emissions for the period 2004–2006 have not been included in the figure.

**D. Parameters for forest definition and election of activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting periods**

29. Table 5 shows the parameters for forest definition selected by Parties. The annex to decision 16/CMP.1 provides a definition of forest as land with a minimum area of 0.05–1.0 hectare with tree crown cover (or equivalent stocking level) of more than 10–30 per cent with trees with the potential

to reach a minimum height of 2–5 metres at maturity in situ. The definition adopted by all Annex B Parties for forest meets these criteria.

30. As shown in table 6, 28 Parties chose to account for the LULUCF activities under Article 3, paragraph 3, for the entire commitment period (once at the end of the commitment period) and seven chose to account annually. Eleven Parties elected not to account for any of the LULUCF activities under Article 3, paragraph 4, while each of the other Parties chose at least one of them. A summary of the number of Parties with the election of different activities and accounting period for each of those elected activities under Article 3, paragraph 4, is shown below in table 7.

**Table 5. Parameters for forest definition for the first commitment period under the Kyoto Protocol**

<b>Party</b>	<b>Minimum tree cover, %</b>	<b>Minimum land area, hectares</b>	<b>Minimum tree height, metres</b>
Austria	0.30	0.05	2.00
Belgium	0.20	0.50	5.00
Bulgaria	0.10	0.10	5.00
Canada	0.25	1.00	5.00
Czech Republic	0.30	0.05	2.00
Denmark	0.10	0.50	5.00
Estonia	0.30	0.50	2.00
Finland	0.10	0.50	5.00
France	0.10	0.50	5.00
Germany	0.10	0.10	5.00
Greece	0.25	0.30	2.00
Hungary	0.30	0.50	5.00
Iceland	0.10	0.50	2.00
Ireland	0.20	0.10	5.00
Italy	0.10	0.50	5.00
Japan	0.30	0.30	5.00
Latvia	0.20	0.10	5.00
Liechtenstein	0.20	0.06	3.00
Lithuania	0.30	0.10	5.00
Luxembourg	0.10	0.50	5.00
Monaco	0.10	0.50	5.00
Netherlands	0.20	0.50	5.00
New Zealand	0.30	1.00	5.00
Norway	0.10	0.50	5.00
Poland	0.10	0.10	2.00
Portugal	0.10	1.00	5.00
Romania	0.10	0.25	5.00
Russian Federation	0.18	1.00	5.00
Slovakia	0.20	0.30	5.00
Slovenia	0.30	0.25	2.00
Spain	0.20	1.00	3.00
Sweden	0.10	0.50	5.00
Switzerland	0.20	0.06	3.00
Ukraine	0.30	0.10	5.00
United Kingdom of Great Britain and Northern Ireland	0.20	0.10	2.00

*Note:* The figures above do not include Australia, Belarus and Croatia because, for these Parties, the review of the initial report is either still in progress or has not yet started. The European Community does not have specific values for forest definition because the definitions adopted by its member States are different.

**Table 6. Election of activities and accounting period under Article 3, paragraph 4, of the Kyoto Protocol and election of accounting period under Article 3, paragraph 3, of the Kyoto Protocol**

Party	Article 3, paragraph 4, activities				Accounting period under Article 3, paragraph 3 <sup>a</sup>
	Forest management	Cropland management	Grazing land management	Revegetation	
Austria	NA	NA	NA	NA	CP
Belgium	NA	NA	NA	NA	CP
Bulgaria	NA	NA	NA	NA	CP
Canada	NA	CP	NA	NA	CP
Czech Republic	CP	NA	NA	NA	CP
Denmark	A	A	A	NA	A
Estonia	NA	NA	NA	NA	CP
Finland	CP	NA	NA	NA	CP
France	A	NA	NA	NA	A
Germany	CP	NA	NA	NA	CP
Greece	CP	NA	NA	NA	CP
Hungary	A	NA	NA	NA	A
Iceland	NA	NA	NA	CP	CP
Ireland	NA	NA	NA	NA	CP
Italy	CP	NA	NA	NA	CP
Japan	CP	NA	NA	CP	CP
Latvia	CP	NA	NA	NA	CP
Liechtenstein	NA	NA	NA	NA	A
Lithuania	CP	NA	NA	NA	CP
Luxembourg	NA	NA	NA	NA	CP
Monaco	NA	NA	NA	NA	A
Netherlands	NA	NA	NA	NA	CP
New Zealand	NA	NA	NA	NA	CP
Norway	CP	NA	NA	NA	CP
Poland	CP	NA	NA	NA	CP
Portugal	CP	CP	CP	NA	CP
Romania	CP	NA	NA	CP	CP
Russian Federation	A	NA	NA	NA	A
Slovakia	NA	NA	NA	NA	CP
Slovenia	CP	NA	NA	NA	CP
Spain	CP	CP	NA	NA	CP
Sweden	CP	NA	NA	NA	CP
Switzerland	A	NA	NA	NA	A
Ukraine	CP	NA	NA	NA	CP
United Kingdom of Great Britain and Northern Ireland	CP	NA	NA	NA	CP

*Abbreviations:* A = annual, CP = entire commitment period, NA = no accounting.

*Note:* (1) The figures above do not include Australia, Belarus and Croatia because, for these Parties, the review of the initial report is either still in progress or has not yet started. (2) The European Community does not have specific values for these parameters because the activities elected under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and the accounting periods for those activities are different for each member State.

<sup>a</sup> Accounting for land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) is mandatory.

**Table 7. Summary of election by Parties of 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	13	5	17
Cropland management	31	1	3
Grazing land management	33	1	1
Revegetation	32	0	3

*Note:* (1) The figures above do not include Australia, Belarus and Croatia because, for these Parties, the review of the initial report is either still in progress or has not yet started. (2) The table does not include the European Community; 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.

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CONFERENCE OF THE PARTIES SERVING AS THE  
MEETING OF THE PARTIES TO THE KYOTO PROTOCOL  
Fourth session  
Poznan, 1–12 December 2008

Item 12 of the provisional agenda  
Annual compilation and accounting report for Annex B Parties under the Kyoto Protocol

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

Note by the secretariat\*

Addendum

**Compilation and accounting information by Party**

*Summary*

This document contains detailed information on the assigned amounts for individual Parties and other information necessary for accounting under the Kyoto Protocol, such as the election of land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and an accounting period for each elected activity.

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\* This document was submitted after the due date owing to the need for internal consultations.

## CONTENTS

		<i>Paragraphs</i>	<i>Page</i>
I.	INTRODUCTION .....	1–2	4
II.	AUSTRALIA.....	3	4
III.	AUSTRIA .....	4–6	4
IV.	BELARUS .....	7	5
V.	BELGIUM .....	8–10	6
VI.	BULGARIA.....	11–13	7
VII.	CANADA .....	14–16	9
VIII.	CROATIA .....	17	10
IX.	CZECH REPUBLIC.....	18–20	11
X.	DENMARK .....	21–23	12
XI.	ESTONIA .....	24–26	14
XII.	EUROPEAN COMMUNITY .....	27–29	15
XIII.	FINLAND.....	30–32	17
XIV.	FRANCE .....	33–35	19
XV.	GERMANY .....	36–38	21
XVI.	GREECE.....	39–41	22
XVII.	HUNGARY .....	42–44	24
XVIII.	ICELAND.....	45–47	26
XIX.	IRELAND.....	48–50	27
XX.	ITALY .....	51–53	29
XXI.	JAPAN.....	54–56	31
XXII.	LATVIA .....	57–59	32
XXIII.	LIECHTENSTEIN .....	60–62	34
XXIV.	LITHUANIA .....	63–65	36
XXV.	LUXEMBOURG.....	66–68	37
XXVI.	MONACO .....	69–71	39
XXVII.	NETHERLANDS .....	72–74	41

XXVIII.	NEW ZEALAND.....	75–77	42
XXIX.	NORWAY.....	78–80	44
XXX.	POLAND.....	81–83	46
XXXI.	PORTUGAL.....	84–86	47
XXXII.	ROMANIA.....	87–89	49
XXXIII.	RUSSIAN FEDERATION.....	90–92	51
XXXIV.	SLOVAKIA.....	93–95	53
XXXV.	SLOVENIA.....	96–98	54
XXXVI.	SPAIN.....	99–101	56
XXXVII.	SWEDEN.....	102–104	57
XXXVIII.	SWITZERLAND.....	105–107	59
XXXIX.	UKRAINE.....	108–110	61
XL.	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND.....	111–113	62

## I. Introduction

1. Document FCCC/KP/CMP/2008/9 provides an overview of the information on initial accounting parameters that had been recorded in the compilation and accounting database by 18 September 2008 for Parties to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol (Annex B Parties).
2. This document contains detailed information on these initial accounting parameters for individual Annex B Parties, including the assigned amounts for each Party and other information necessary for accounting under the Kyoto Protocol, such as the election of land use, land-use change and forestry (LULUCF) activities and an accounting period for each elected activity.

## II. Australia

3. The initial report of Australia was submitted to the secretariat on 11 March 2008. At the time when this document was prepared, the initial review for Australia was still in progress and therefore the information for Australia has not been included.

## III. Austria

4. The initial report of Austria was submitted to the secretariat on 5 December 2006. The review of the initial report was completed and the review report was published on 8 August 2007. No questions of implementation were raised by the expert review team (ERT).
5. Austria met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 5 April 2008.
6. Tables 1–4 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 1. Emissions of greenhouse gases for Austria in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	79 049.66	-	79 049.66
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-11 960.71	-	-11 960.71
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	79 049.66	-	79 049.66

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 2. Activities elected by Austria under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 3. Limitation on additions to and subtractions from Austria's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Austria's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	11 550 000
Limitation on the total of additions to Austria's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 438 660

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 4. Calculation of Austria's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	79 049 657	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	72 725 684	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	68 773 202	87.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	343 866 009	-
Initial value of commitment period reserve <sup>b</sup>	309 479 408	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## IV. Belarus

7. Belarus submitted its initial report to the secretariat on 31 October 2006 but the review of this 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 been ratified by the required number of Parties and therefore has not yet entered into force.

## V. Belgium

8. The initial report of Belgium was submitted to the secretariat on 22 December 2006. The review of the initial report was completed and the review report was published on 12 December 2007.

No questions of implementation were raised by the ERT.

9. Belgium met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008.

10. Tables 5–8 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 5. Emissions of greenhouse gases for Belgium in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	145 728.76	-	145 728.76
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-1 431.14	-	-1 431.14
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	145 728.76	-	145 728.76

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 6. Activities elected by Belgium under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 7. Limitation on additions to and subtractions from Belgium's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Belgium's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	550 000
Limitation on the total of additions to Belgium's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 739 955

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 8. Calculation of Belgium's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	145 728 763	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	134 070 462	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	134 799 106	92.5
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	673 995 528	-
Initial value of commitment period reserve <sup>b</sup>	606 595 975	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## VI. Bulgaria

11. The initial report of Bulgaria was submitted to the secretariat on 25 July 2007. The review of the initial report was completed and the review report was published on 8 May 2008. No questions of implementation were raised by the ERT.

12. Bulgaria meets all the eligibility criteria and will become eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 25 November 2008.

13. Tables 9–12 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 9. Emissions of greenhouse gases for Bulgaria in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1988	132 618.66	-	132 618.66
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1988	-5 049.51	-	-5 049.51
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1988	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1988/1995	132 618.66	-	132 618.66

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 10. Activities elected by Bulgaria under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 11. Limitation on additions to and subtractions from Bulgaria's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Bulgaria's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	6 783 333
Limitation on the total of additions to Bulgaria's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 100 458

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.



**Table 12. Calculation of Bulgaria's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	132 618 658	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	122 009 165	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	610 045 827	-
Initial value of commitment period reserve <sup>a</sup>	353 544 400	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## VII. Canada

14. The initial report of Canada was submitted to the secretariat on 15 March 2007. The review of the initial report was completed and the review report was published on 11 April 2008.

15. The ERT, during the review, formulated a question of implementation that was forwarded to the Compliance Committee. The question of implementation related to Canada's national registry. The enforcement branch of the Compliance Committee at its fifth meeting<sup>1</sup> decided not to proceed further with any questions of implementation relating to the eligibility requirements indicated in the report of the review of the initial report of Canada and hence Canada became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 16 June 2008.

16. Tables 13–16 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 13. Emissions of greenhouse gases for Canada in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	593 998.46	-	593 998.46
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-81 765.08	-	-81 765.08
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	593 998.46	-	593 998.46

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

<sup>1</sup> CC-2008-1-6/Canada/EB, available at [http://unfccc.int/files/kyoto\\_protocol/compliance/enforcement\\_branch/application/pdf/cc-2008-1-6\\_canada\\_eb\\_decision\\_not\\_to\\_proceed\\_further.pdf](http://unfccc.int/files/kyoto_protocol/compliance/enforcement_branch/application/pdf/cc-2008-1-6_canada_eb_decision_not_to_proceed_further.pdf).

**Table 14. Activities elected by Canada under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	Yes	Entire commitment period
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 15. Limitation on additions to and subtractions from Canada's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Canada's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	220 000 000
Limitation on the total of additions to Canada's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	27 917 928

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 16. Calculation of Canada's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	593 998 462	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	558 358 554	94.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 791 792 771	-
Initial value of commitment period reserve <sup>a</sup>	2 512 613 494	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## VIII. Croatia

17. Croatia became a Party to the Kyoto Protocol on 28 August 2007 and submitted its initial report on 27 August 2008. In accordance with decision 22/CMP.1, the review of this report is expected to be completed by 27 August 2009.

## IX. Czech Republic

18. The initial report of the Czech Republic was submitted to the secretariat on 24 October 2006. The review of the initial report was completed and the review report was published on 15 October 2007. No questions of implementation were raised by the ERT.

19. The Czech Republic met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 24 February 2008.

20. Tables 17–20 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 17. Emissions of greenhouse gases for the Czech Republic in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	194 248.22	-	194 248.22
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-1 730.08	-	-1 730.08
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	194 248.22	-	194 248.22

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex 1 to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 18. Activities elected by the Czech Republic under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 19. Limitation on additions to and subtractions from the Czech Republic's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the Czech Republic's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	5 866 667
Limitation on the total of additions to the Czech Republic's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	8 935 418

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 20. Calculation of the Czech Republic's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	194 248 218	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	178 708 361	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	893 541 801	-
Initial value of commitment period reserve <sup>a</sup>	732 161 864	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## X. Denmark

21. The initial report of Denmark was submitted to the secretariat on 20 December 2006. The review of the initial report was completed and the review report was published on 2 November 2007. No questions of implementation were raised by the ERT.

22. Denmark met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 20 April 2008.

23. Tables 21–24 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 21. Emissions of greenhouse gases for Denmark in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	69 978.07	-	69 978.07
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	551.65	-	551.65
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	69 978.07	-	69 978.07

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 22. Activities elected by Denmark under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Annual
Deforestation	Yes	Annual
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Annual
Cropland management	Yes	Annual
Grazing land management	Yes	Annual
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 23. Limitation on additions to and subtractions from Denmark's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Denmark's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	916 667
Limitation on the total of additions to Denmark's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 768 390

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 24. Calculation of Denmark's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	69 978 070	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	64 379 824	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	55 282 675	79.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	276 838 955	-
Initial value of commitment period reserve <sup>b</sup>	249 155 060	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XI. Estonia

24. The initial report of Estonia was submitted to the secretariat on 15 December 2006. The review of the initial report was completed and the review report was published on 14 November 2007. No questions of implementation were raised by the ERT.

25. Estonia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 15 April 2008.

26. Tables 25–28 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 25. Emissions of greenhouse gases for Estonia in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	42 622.31	-	42 622.31
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-7 987.25	-	-7 987.25
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	42 622.31	-	42 622.31

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 26. Activities elected by Estonia under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 27. Limitation on additions to and subtractions from Estonia's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Estonia's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	1 833 333
Limitation on the total of additions to Estonia's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	1 960 626

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 28. Calculation of Estonia's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	42 622 312	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	39 212 527	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	196 062 637	-
Initial value of commitment period reserve <sup>a</sup>	107 253 951	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XII. European Community

27. The initial report of the European Community was submitted to the secretariat on 18 December 2006. The review of the initial report was completed and the review report was published on 15 February 2008. No questions of implementation were raised by the ERT.

28. The European Community met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 18 April 2008.

29. Tables 29–32 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 29. Emissions of greenhouse gases for the European Community in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	4 264 127.53	-	4 264 127.53
	HFCs, PFCs, SF <sub>6</sub>	1990 or 1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-205 901.11	-	-205 901.11
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	1 390.19	-	1 390.19
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1990 or 1995	4 265 517.72	-	4 265 517.72

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 30. Activities elected by the European Community under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	NA
Deforestation	Yes	NA
<b>Article 3, paragraph 4<sup>b</sup></b>		
Forest management	NA	NA
Cropland management	NA	NA
Grazing land management	NA	NA
Revegetation	NA	NA

Abbreviation: NA = not applicable.

<sup>a</sup> The election of land use, land-use change and forestry (LULUCF) activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory. The European Community does not have specific values for the accounting period because the values elected are different for each member State.

<sup>b</sup> The European Community does not have specific values for the parameters because the elected LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol and the accounting period for those activities are different for each member State.



**Table 31. Limitation on additions to and subtractions from the European Community's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the European Community's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	NA
Limitation on the total of additions to the European Community's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	NA

Abbreviation: NA = not applicable.

Note: The European Community does not have specific values for the parameters because they are different for each member State.

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 32. Calculation of the European Community's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	4 265 517 719	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	3 924 276 301	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol	3 924 276 301	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	19 621 381 509	-
Initial value of commitment period reserve <sup>a</sup>	17 659 243 358	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

### XIII. Finland

30. The initial report of Finland was submitted to the secretariat on 22 December 2006. The review of the initial report was completed and the review report was published on 28 November 2007. No questions of implementation were raised by the ERT.

31. Finland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008.

32. Tables 33–36 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 33. Emissions of greenhouse gases for Finland in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	71 003.51	-	71 003.51
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-21 389.50	-	-21 389.50
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	71 003.51	-	71 003.51

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 34. Activities elected by Finland under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 35. Limitation on additions to and subtractions from Finland's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Finland's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	2 933 333
Limitation on the total of additions to Finland's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 550 175

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 36. Calculation of Finland's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	71 003 509	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	65 323 228	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	71 003 509	100.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	355 017 545	-
Initial value of commitment period reserve <sup>b</sup>	319 515 791	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

#### XIV. France

33. The initial report of France was submitted to the secretariat on 21 December 2006. The review of the initial report was completed and the review report was published on 28 November 2007. No questions of implementation were raised by the ERT.

34. France met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 21 April 2008.

35. Tables 37–40 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 37. Emissions of greenhouse gases for France in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	563 925.33	-	563 925.33
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-23 375.06	-	-23 375.06
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	563 925.33	-	563 925.33

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 38. Activities elected by France under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Annual
Deforestation	Yes	Annual
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Annual
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 39. Limitation on additions to and subtractions from France's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from France's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	16 133 333
Limitation on the total of additions to France's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	28 196 266

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 40. Calculation of France's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	563 925 328	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	518 811 302	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	563 925 328	100.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	2 819 626 640	-
Initial value of commitment period reserve <sup>b</sup>	2 537 663 976	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XV. Germany

36. The initial report of Germany was submitted to the secretariat on 27 December 2006. The review of the initial report was completed and the review report was published on 12 December 2007. No questions of implementation were raised by the ERT.

37. Germany met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 27 April 2008.

38. Tables 41–44 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 41. Emissions of greenhouse gases for Germany in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	1 232 429.54	-	1 232 429.54
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-28 240.83	-	-28 240.83
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	1 232 429.54	-	1 232 429.54

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 42. Activities elected by Germany under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 43. Limitation on additions to and subtractions from Germany's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Germany's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	22 733 333
Limitation on the total of additions to Germany's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	48 680 967

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 44. Calculation of Germany's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	1 232 429 543	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	1 133 835 180	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	973 619 339	79.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	4 868 096 694	-
Initial value of commitment period reserve <sup>b</sup>	4 381 287 024	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XVI. Greece

39. The initial report of Greece was submitted to the secretariat on 29 December 2006. The review of the initial report was completed and the review report was published on 28 December 2007. The ERT formulated a question of implementation pertaining to the national system of Greece.

40. The enforcement branch of the Compliance Committee at its fourth meeting<sup>2</sup> determined that Greece was not in compliance with the "Guidelines for national systems under Article 5, paragraph 1, of the Kyoto Protocol"<sup>3</sup> and the "Guidelines for the preparation of the information required under Article 7 of the Kyoto Protocol".<sup>4</sup> Greece is therefore not eligible to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol pending the resolution of the question of implementation. However, Greece is eligible to participate in joint implementation from 17 April 2008 onwards under Track 2, which requires verification of project emission reductions to occur through the Joint Implementation Supervisory Committee procedures.<sup>5</sup>

<sup>2</sup> CC-2007-1-8/Greece/EB, available at [http://unfccc.int/files/kyoto\\_protocol/compliance/enforcement\\_branch/application/pdf/cc-2007-1-8\\_greece\\_eb\\_final\\_decision.pdf](http://unfccc.int/files/kyoto_protocol/compliance/enforcement_branch/application/pdf/cc-2007-1-8_greece_eb_final_decision.pdf).

<sup>3</sup> Decision 19/CMP.1.

<sup>4</sup> Decision 15/CMP.1.

<sup>5</sup> Decision 9/CMP.1.

41. Tables 45–48 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 45. Emissions of greenhouse gases for Greece in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	111 054.07	4 066.90	106 987.17
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-3 193.27	-	-3 193.27
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	111 054.07	-4 066.90	106 987.17

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 46. Activities elected by Greece under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 47. Limitation on additions to and subtractions from Greece's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Greece's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	1 650 000
Limitation on the total of additions to Greece's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 686 698

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 48. Calculation of Greece's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	106 987 169	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	98 428 195	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	133 733 961	125.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	668 669 806	-
Initial value of commitment period reserve <sup>b</sup>	601 802 826	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XVII. Hungary

42. The initial report of Hungary was submitted to the secretariat on 30 August 2006. The review of the initial report was completed and the review report was published on 29 August 2007. No questions of implementation were raised by the ERT.

43. Hungary met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 1 January 2008.

44. Tables 49–52 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.



**Table 49. Emissions of greenhouse gases for Hungary in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1985–87	115 397.15	-	115 397.15
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1985–87	-2 736.48	-	-2 736.48
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1985–87	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1985–87/ 1995	115 397.15	-	115 397.15

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex 1 to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 50. Activities elected by Hungary under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Annual
Deforestation	Yes	Annual
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Annual
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 51. Limitation on additions to and subtractions from Hungary's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Hungary's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	5 316 667
Limitation on the total of additions to Hungary's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	5 423 666

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 52. Calculation of Hungary's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	115 397 149	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	108 473 320	94.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	542 366 600	-
Initial value of commitment period reserve <sup>a</sup>	394 987 486	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XVIII. Iceland

45. The initial report of Iceland was submitted to the secretariat on 11 January 2007. The review of the initial report was completed and the review report was published on 10 January 2008. No questions of implementation were raised by the ERT.

46. Iceland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 11 May 2008.

47. Tables 53–56 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 53. Emissions of greenhouse gases for Iceland in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	3 367.97	-	3 367.97
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	2 095.19	-	2 095.19
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	3 367.97	-	3 367.97

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 54. Activities elected by Iceland under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	Yes	Entire commitment period

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 55. Limitation on additions to and subtractions from Iceland's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Iceland's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	0
Limitation on the total of additions to Iceland's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	185 238

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 56. Calculation of Iceland's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	3 367 972	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	3 704 769	110.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	18 523 847	-
Initial value of commitment period reserve <sup>a</sup>	16 671 462	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XIX. Ireland

48. The initial report of Ireland was submitted to the secretariat on 19 December 2006. The review of the initial report was completed and the review report was published on 24 September 2007. No questions of implementation were raised by the ERT.

49. Ireland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 19 April 2008.

50. Tables 57–60 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 57. Emissions of greenhouse gases for Ireland in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	55 603.12	-	55 603.12
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	108.17	-	108.17
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	4.72	-	4.72
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	55 607.84	-	55 607.84

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 58. Activities elected by Ireland under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 59. Limitation on additions to and subtractions from Ireland's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Ireland's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	916 667
Limitation on the total of additions to Ireland's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 141 843

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 60. Calculation of Ireland's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	55 607 836	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	51 159 209	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	62 836 855	113.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	314 184 272	-
Initial value of commitment period reserve <sup>b</sup>	282 765 845	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XX. Italy

51. The initial report of Italy was submitted to the secretariat on 19 December 2006. The review of the initial report was completed and the review report was published on 10 December 2007. No questions of implementation were raised by the ERT.

52. Italy met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 19 April 2008.

53. Tables 61–64 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 61. Emissions of greenhouse gases for Italy in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	516 850.89	-	516 850.89
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-79 721.59	-	-79 721.59
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	516 850.89	-	516 850.89

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 62. Activities elected by Italy under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 63. Limitation on additions to and subtractions from Italy's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Italy's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	50 966 667
Limitation on the total of additions to Italy's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	24 162 779

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 64. Calculation of Italy's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	516 850 887	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	475 502 816	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	483 255 579	93.5
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	2 416 277 898	-
Initial value of commitment period reserve <sup>b</sup>	2 174 650 108	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXI. Japan

54. The initial report of Japan was submitted to the secretariat on 30 August 2006. The review of the initial report was completed and the review report was published on 8 August 2007. No questions of implementation were raised by the ERT.

55. Japan met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 1 January 2008.

56. Tables 65–68 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 65. Emissions of greenhouse gases for Japan in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	1 261 331.42	-	1 261 331.42
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-74 621.68	-	-74 621.68
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	1 261 331.42	-	1 261 331.42

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 66. Activities elected by Japan under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	Yes	Entire commitment period

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 67. Limitation on additions to and subtractions from Japan's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Japan's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	238 333 333
Limitation on the total of additions to Japan's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	59 282 577

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 68. Calculation of Japan's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	1 261 331 418	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	1 185 651 533	94.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	5 928 257 666	-
Initial value of commitment period reserve <sup>a</sup>	5 335 431 899	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXII. Latvia

57. The initial report of Latvia was submitted to the secretariat on 29 December 2006. The review of the initial report was completed and the review report was published on 14 December 2007. No questions of implementation were raised by the ERT.

58. Latvia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008.



59. Tables 69–72 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 69. Emissions of greenhouse gases for Latvia in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	25 909.16	-	25 909.16
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-20 670.30	-	-20 670.30
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	25 909.16	-	25 909.16

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 70. Activities elected by Latvia under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 71. Limitation on additions to and subtractions from Latvia's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Latvia's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	6 233 333
Limitation on the total of additions to Latvia's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	1 191 821

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 72. Calculation of Latvia's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	25 909 159	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	23 836 426	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	119 182 130	-
Initial value of commitment period reserve <sup>a</sup>	53 369 492	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

### XXIII. Liechtenstein

60. The initial report of Liechtenstein was submitted to the secretariat on 22 December 2006. The review of the initial report was completed and the review report was published on 13 December 2007. No questions of implementation were raised by the ERT.

61. Liechtenstein met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008.

62. Tables 73–76 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 73. Emissions of greenhouse gases for Liechtenstein in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	229.48	-	229.48
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-7.35	-	-7.35
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	229.48	-	229.48

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 74. Activities elected by Liechtenstein under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Annual
Deforestation	Yes	Annual
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 75. Limitation on additions to and subtractions from Liechtenstein's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Liechtenstein's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	183 333
Limitation on the total of additions to Liechtenstein's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	10 556

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 76. Calculation of Liechtenstein's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	229 483	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	211 124	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 055 623	-
Initial value of commitment period reserve <sup>a</sup>	950 061	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXIV. Lithuania

63. The initial report of Lithuania was submitted to the secretariat on 22 December 2006. The review of the initial report was completed and the review report was published on 31 October 2007.

No questions of implementation were raised by the ERT.

64. Lithuania met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008.

65. Tables 77–80 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 77. Emissions of greenhouse gases for Lithuania in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	49 414.39	-	49 414.39
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-10 739.00	-	-10 739.00
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	49 414.39	-	49 414.39

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 78. Activities elected by Lithuania under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 79. Limitation on additions to and subtractions from Lithuania's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Lithuania's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	5 133 333
Limitation on the total of additions to Lithuania's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 273 062

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 80. Calculation of Lithuania's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	49 414 386	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	45 461 235	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	227 306 177	-
Initial value of commitment period reserve <sup>a</sup>	108 768 165	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXV. Luxembourg

66. The initial report of Luxembourg was submitted to the secretariat on 29 December 2006. The review of the initial report was completed and the review report was published on 14 December 2007. No questions of implementation were raised by the ERT.

67. Luxembourg met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008.

68. Tables 81–84 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 81. Emissions of greenhouse gases for Luxembourg in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	13 167.50	-	13 167.50
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-294.93	-	-294.93
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	13 167.50	-	13 167.50

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 82. Activities elected by Luxembourg under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 83. Limitation on additions to and subtractions from Luxembourg's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Luxembourg's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	183 333
Limitation on the total of additions to Luxembourg's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	474 030

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 84. Calculation of Luxembourg's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	13 167 499	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	12 114 099	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	9 480 599	72.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	47 402 996	-
Initial value of commitment period reserve <sup>b</sup>	42 662 696	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXVI. Monaco

69. The initial report of Monaco was submitted to the secretariat on 7 May 2007. The review of the initial report was completed and the review report was published on 22 April 2008. No questions of implementation were raised by the ERT.

70. Monaco met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 7 September 2008.

71. Tables 85–88 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 85. Emissions of greenhouse gases for Monaco in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	107.66	-	107.66
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-0.03	-	-0.03
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	107.66	-	107.66

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 86. Activities elected by Monaco under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Annual
Deforestation	Yes	Annual
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 87. Limitation on additions to and subtractions from Monaco's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Monaco's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	0
Limitation on the total of additions to Monaco's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	4 952

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.



**Table 88. Calculation of Monaco's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	107 658	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	99 045	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	495 221	-
Initial value of commitment period reserve <sup>a</sup>	445 699	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXVII. Netherlands

72. The initial report of the Netherlands was submitted to the secretariat on 21 December 2006. The review of the initial report was completed and the review report was published on 2 November 2007. No questions of implementation were raised by the ERT.

73. The Netherlands met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 21 April 2008.

74. Tables 89–92 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 89. Emissions of greenhouse gases for the Netherlands in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	212 995.82	-	212 995.82
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	2 667.30	448.89	3 116.18
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	487.56	-448.89	38.68
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	213 483.38	-448.89	213 034.50

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 90. Activities elected by the Netherlands under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 91. Limitation on additions to and subtractions from the Netherlands' assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the Netherlands' assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	183 333
Limitation on the total of additions to the Netherlands' assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	10 012 621

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 92. Calculation of the Netherlands' assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	213 034 498	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	195 991 738	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	200 252 428	94.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	1 001 262 141	-
Initial value of commitment period reserve <sup>b</sup>	901 135 927	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXVIII. New Zealand

75. The initial report of New Zealand was submitted to the secretariat on 31 August 2006. The review of the initial report was completed and the review report was published on 30 August 2007. No questions of implementation were raised by the ERT.

76. New Zealand met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 1 January 2008.

77. Tables 93–96 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 93. Emissions of greenhouse gases for New Zealand in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	61 912.95	-	61 912.95
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-18 977.92	-	-18 977.92
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	61 912.95	-	61 912.95

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 94. Activities elected by New Zealand under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 95. Limitation on additions to and subtractions from New Zealand's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from New Zealand's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	3 666 667
Limitation on the total of additions to New Zealand's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 095 647

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 96. Calculation of New Zealand's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	61 912 947	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	61 912 947	100.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	309 564 733	-
Initial value of commitment period reserve <sup>a</sup>	278 608 260	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXIX. Norway

78. The initial report of Norway was submitted to the secretariat on 22 December 2006. The review of the initial report was completed and the review report was published on 15 October 2007. No questions of implementation were raised by the ERT.

79. Norway met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008.

80. Tables 97–100 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 97. Emissions of greenhouse gases for Norway in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	49 619.17	-	49 619.17
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-14 568.15	-	-14 568.15
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	49 619.17	-	49 619.17

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 98. Activities elected by Norway under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 99. Limitation on additions to and subtractions from Norway's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Norway's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	7 333 333
Limitation on the total of additions to Norway's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 505 768

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 100. Calculation of Norway's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	49 619 168	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	50 115 360	101.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	250 576 797	-
Initial value of commitment period reserve <sup>a</sup>	225 519 117	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

### XXX. Poland

81. The initial report of Poland was submitted to the secretariat on 29 December 2006. The review of the initial report was completed and the review report was published on 14 December 2007. No questions of implementation were raised by the ERT.

82. Poland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008.

83. Tables 101–104 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 101. Emissions of greenhouse gases for Poland in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1988	563 442.77	-	563 442.77
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1988	-32 926.48	-	-32 926.48
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1988	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1988/1995	563 442.77	-	563 442.77

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 102. Activities elected by Poland under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 103. Limitation on additions to and subtractions from Poland's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Poland's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	15 033 333
Limitation on the total of additions to Poland's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	26 481 810

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 104. Calculation of Poland's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	563 442 774	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	529 636 208	94.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 648 181 038	-
Initial value of commitment period reserve <sup>a</sup>	1 942 410 776	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXXI. Portugal

84. The initial report of Portugal was submitted to the secretariat on 28 December 2006. The review of the initial report was completed and the review report was published on 15 November 2007. No questions of implementation were raised by the ERT.

85. Portugal met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 28 April 2008.

86. Tables 105–108 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 105. Emissions of greenhouse gases for Portugal in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	59 166.44	-	59 166.44
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	2 592.59	-	2 592.59
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	981.20	-	981.20
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	60 147.64	-	60 147.64

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 106. Activities elected by Portugal under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	Yes	Entire commitment period
Grazing land management	Yes	Entire commitment period
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.



**Table 107. Limitation on additions to and subtractions from Portugal's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Portugal's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	4 033 333
Limitation on the total of additions to Portugal's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 819 375

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 108. Calculation of Portugal's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	60 147 642	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	55 335 831	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	76 387 505	127.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	381 937 527	-
Initial value of commitment period reserve <sup>b</sup>	343 743 774	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXXII. Romania

87. The initial report of Romania was submitted to the secretariat on 18 May 2007. The review of the initial report was completed and the review report was published on 16 May 2008. No questions of implementation were raised by the ERT.

88. Romania met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 18 September 2008.

89. Tables 109–112 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 109. Emissions of greenhouse gases for Romania in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1989	278 225.02	-	278 225.02
	HFCs, PFCs, SF <sub>6</sub>	1989			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1989	-32 641.18	-	-32 641.18
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1989	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1989	278 225.02	-	278 225.02

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 110. Activities elected by Romania under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	Yes	Entire commitment period

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 111. Limitation on additions to and subtractions from Romania's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Romania's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	20 166 667
Limitation on the total of additions to Romania's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	12 798 351

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 112. Calculation of Romania's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	278 225 022	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	255 967 020	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 279 835 099	-
Initial value of commitment period reserve <sup>a</sup>	780 545 734	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

### XXXIII. Russian Federation

90. The initial report of the Russian Federation was submitted to the secretariat on 20 February 2007. The review of the initial report was completed and the review report was published on 18 February 2008. No questions of implementation were raised by the ERT.

91. The Russian Federation met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 20 June 2008.

92. Tables 113–116 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 113. Emissions of greenhouse gases for the Russian Federation in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	3 323 419.06	-	3 323 419.06
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	190 271.69	-	190 271.69
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	3 323 419.06	-	3 323 419.06

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 114. Activities elected by the Russian Federation under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Annual
Deforestation	Yes	Annual
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Annual
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 115. Limitation on additions to and subtractions from the Russian Federation's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the Russian Federation's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	605 000 000
Limitation on the total of additions to the Russian Federation's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	166 170 953

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 116. Calculation of the Russian Federation's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	3 323 419 064	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	3 323 419 064	100.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	16 617 095 319	-
Initial value of commitment period reserve <sup>a</sup>	10 629 794 715	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

### XXXIV. Slovakia

93. The initial report of Slovakia was submitted to the secretariat on 4 October 2006. The review of the initial report was completed and the review report was published on 19 September 2007.

No questions of implementation were raised by the ERT.

94. Slovakia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 4 February 2008.

95. Tables 117–120 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 117. Emissions of greenhouse gases for Slovakia in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	72 050.76	-	72 050.76
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-2 388.50	-	-2 388.50
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	72 050.76	-	72 050.76

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 118. Activities elected by Slovakia under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	No	-
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 119. Limitation on additions to and subtractions from Slovakia's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Slovakia's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	9 166 667
Limitation on the total of additions to Slovakia's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 314 335

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 120. Calculation of Slovakia's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	72 050 764	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	66 286 703	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	331 433 516	-
Initial value of commitment period reserve <sup>a</sup>	242 974 886	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXXV. Slovenia

96. The initial report of Slovenia was submitted to the secretariat on 22 December 2006. The review of the initial report was completed and the review report was published on 15 November 2007. No questions of implementation were raised by the ERT.

97. Slovenia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008.

98. Tables 121–124 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 121. Emissions of greenhouse gases for Slovenia in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1986	20 354.04	-	20 354.04
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1986	-1 589.25	-	-1 589.25
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1986	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1986/1995	20 354.04	-	20 354.04

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 122. Activities elected by Slovenia under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 123. Limitation on additions to and subtractions from Slovenia's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Slovenia's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	6 600 000
Limitation on the total of additions to Slovenia's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	936 286

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 124. Calculation of Slovenia's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	20 354 042	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	18 725 719	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	93 628 593	-
Initial value of commitment period reserve <sup>a</sup>	84 265 734	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

### XXXVI. Spain

99. The initial report of Spain was submitted to the secretariat on 19 December 2006. The review of the initial report was completed and the review report was published on 8 November 2007. No questions of implementation were raised by the ERT.

100. Spain met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 19 April 2008.

101. Tables 125–128 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 125. Emissions of greenhouse gases for Spain in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	289 773.21	-	289 773.21
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-23 027.25	-	-23 027.25
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	289 773.21	-	289 773.21

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.



**Table 126. Activities elected by Spain under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	Yes	Entire commitment period
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 127. Limitation on additions to and subtractions from Spain's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Spain's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	12 283 333
Limitation on the total of additions to Spain's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	16 661 959

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 128. Calculation of Spain's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	289 773 205	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	266 591 349	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	333 239 186	115.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	1 666 195 929	-
Initial value of commitment period reserve <sup>b</sup>	1 499 576 336	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXXVII. Sweden

102. The initial report of Sweden was submitted to the secretariat on 19 December 2006. The review of the initial report was completed and the review report was published on 19 November 2007. No questions of implementation were raised by the ERT.

103. Sweden met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 19 April 2008.

104. Tables 129–132 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 129. Emissions of greenhouse gases for Sweden in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	72 151.65	-	72 151.65
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-22 117.31	-	-22 117.31
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	72 151.65	-	72 151.65

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 130. Activities elected by Sweden under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 131. Limitation on additions to and subtractions from Sweden's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Sweden's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	10 633 333
Limitation on the total of additions to Sweden's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 751 886

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 132. Calculation of Sweden's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	72 151 646	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	66 379 514	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	75 037 712	104.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	375 188 561	-
Initial value of commitment period reserve <sup>b</sup>	337 669 705	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## XXXVIII. Switzerland

105. The initial report of Switzerland was submitted to the secretariat on 10 November 2006. The review of the initial report was completed and the review report was published on 17 August 2007. No questions of implementation were raised by the ERT.

106. Switzerland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 10 March 2008.

107. Tables 133–136 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 133. Emissions of greenhouse gases for Switzerland in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	52 790.96	-	52 790.96
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-1 704.23	-	-1 704.23
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	52 790.96	-	52 790.96

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 134. Activities elected by Switzerland under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Annual
Deforestation	Yes	Annual
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Annual
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 135. Limitation on additions to and subtractions from Switzerland's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Switzerland's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	9 166 667
Limitation on the total of additions to Switzerland's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 428 384

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 136. Calculation of Switzerland's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	52 790 957	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	48 567 680	92.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	242 838 402	-
Initial value of commitment period reserve <sup>a</sup>	218 554 562	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

### XXXIX. Ukraine

108. The initial report of Ukraine was submitted to the secretariat on 29 December 2006. The review of the initial report was completed and the review report was published on 13 December 2007. No questions of implementation were raised by the ERT.

109. Ukraine met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008.

110. Tables 137–140 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 137. Emissions of greenhouse gases for Ukraine in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	920 836.93	-	920 836.93
	HFCs, PFCs, SF <sub>6</sub>	1990			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>b</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	-33 821.06	-	-33 821.06
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	0.00	-	0.00
Total base year emissions <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990	920 836.93	-	920 836.93

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>c</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 138. Activities elected by Ukraine under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 139. Limitation on additions to and subtractions from Ukraine's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Ukraine's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	20 350 000
Limitation on the total of additions to Ukraine's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	46 041 847

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 140. Calculation of Ukraine's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	920 836 933	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	920 836 933	100.0
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	4 604 184 663	-
Initial value of commitment period reserve <sup>a</sup>	2 059 970 475	-

<sup>a</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

## **XL. United Kingdom of Great Britain and Northern Ireland**

111. The initial report of the United Kingdom of Great Britain and Northern Ireland was submitted to the secretariat on 11 December 2006. The review of the initial report was completed and the review report was published on 2 October 2007. No questions of implementation were raised by the ERT.

112. The United Kingdom met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 11 April 2008.

113. Tables 141–144 provide detailed information on base year emissions, the assigned amounts, the election of LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol, and an accounting period for each elected activity.

**Table 141. Emissions of greenhouse gases for the United Kingdom in the base year**

	Greenhouse gas	Base year	Base year emissions as reported, <sup>a</sup> Gg CO <sub>2</sub> eq	Adjustments, Gg CO <sub>2</sub> eq	Base year emissions as adjusted, Gg CO <sub>2</sub> eq
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	779 538.55	-	779 538.55
	HFCs, PFCs, SF <sub>6</sub>	1995 <sup>b</sup>			
Net greenhouse gas emissions from the land use, land-use change and forestry sector <sup>c</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	2 930.67	-	2 930.67
Net emissions from the conversion of forests (deforestation)	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O	1990	365.59	-	365.59
Total base year emissions <sup>d</sup>	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub>	1990/1995	779 904.14	-	779 904.14

<sup>a</sup> This estimate includes any data revisions introduced by the Party during the initial review process.

<sup>b</sup> In accordance with Article 3, paragraph 8, of the Kyoto Protocol, any Party included in Annex I to the Convention may use 1995 as its base year for fluorinated gases (HFCs, PFCs and SF<sub>6</sub>) in calculating its assigned amounts.

<sup>c</sup> Net emissions = emissions from sources minus removals from sinks.

<sup>d</sup> Calculated in accordance with Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

**Table 142. Activities elected by the United Kingdom under Article 3, paragraphs 3 and 4, of the Kyoto Protocol and accounting period**

	Elected by Party	Accounting period
<b>Article 3, paragraph 3<sup>a</sup></b>		
Afforestation and reforestation	Yes	Entire commitment period
Deforestation	Yes	Entire commitment period
<b>Article 3, paragraph 4</b>		
Forest management	Yes	Entire commitment period
Cropland management	No	-
Grazing land management	No	-
Revegetation	No	-

<sup>a</sup> The election of land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol is mandatory.

**Table 143. Limitation on additions to and subtractions from the United Kingdom's assigned amounts from land use, land-use change and forestry sector activities for the first commitment period**

Parameter	Value, t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the United Kingdom's assigned amounts resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol <sup>a</sup>	6 783 333
Limitation on the total of additions to the United Kingdom's assigned amounts resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	34 120 806

<sup>a</sup> As provided in the appendix to decision 16/CMP.1.

**Table 144. Calculation of the United Kingdom's assigned amounts pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol**

	Absolute value, t CO <sub>2</sub> eq	Value relative to the total base year emissions, %
Total base year emissions	779 904 144	100.0
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol	717 511 812	92.0
Quantified limitation and reduction commitment in accordance with Article 4 of the Kyoto Protocol <sup>a</sup>	682 416 126	87.5
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period <sup>a</sup>	3 412 080 630	-
Initial value of commitment period reserve <sup>b</sup>	3 070 872 567	-

<sup>a</sup> In accordance with Article 4 of the Kyoto Protocol, 15 Parties that are also member States of the European Community agreed to meet their targets jointly. For those Parties, the quantified limitation and reduction commitment is given in accordance with the burden-sharing agreement of the European Union; the assigned amount is calculated using this value.

<sup>b</sup> The value of the commitment period reserve for a Party is calculated as the lower of either 90 per cent of its initial assigned amount calculated pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol, or 100 per cent of its emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol as recorded in its most recently reviewed inventory, multiplied by five.

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