



**UNITED  
NATIONS**



**Framework Convention  
on Climate Change**

Distr.  
GENERAL

FCCC/KP/CMP/2008/9/Add.1  
17 November 2008

Original: ENGLISH

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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.

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## 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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**

|  | <b>Greenhouse gas</b>   | <b>Base year</b>  | <b>Base year emissions as reported,<sup>a</sup><br/>Gg CO<sub>2</sub> eq</b> | <b>Adjustments,<br/>Gg CO<sub>2</sub> eq</b> | <b>Base year emissions as adjusted,<br/>Gg CO<sub>2</sub> eq</b> |
|--|---|-------------------|--|--|--|
| 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**

|   | <b>Elected by Party</b> | <b>Accounting period</b> |
|---|-------------------------|--------------------------|
| <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**

| <b>Parameter</b>   | <b>Value,<br/>t CO<sub>2</sub> eq</b> |
|--|---------------------------------------|
| 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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>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,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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 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 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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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**

|  | <b>Greenhouse gas</b>   | <b>Base year</b>          | <b>Base year emissions as reported,<sup>a</sup><br/>Gg CO<sub>2</sub> eq</b> | <b>Adjustments,<br/>Gg CO<sub>2</sub> eq</b> | <b>Base year emissions as adjusted,<br/>Gg CO<sub>2</sub> eq</b> |
|--|---|---------------------------|--|--|--|
| 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**

|   | <b>Elected by Party</b> | <b>Accounting period</b> |
|---|-------------------------|--------------------------|
| <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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>Gg CO <sub>2</sub> eq |
|---|--|-----------|--|---------------------------------------|---|
| Emissions of<br>greenhouse gases from<br>sources listed in Annex<br>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<br>emissions from the land<br>use, land-use change<br>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<br>conversion of forests<br>(deforestation)  | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O                                 | 1990      | 0.00   | -                                     | 0.00  |
| Total base year<br>emissions <sup>c</sup>   | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O,<br>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<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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/<br>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 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 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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>Gg CO <sub>2</sub> eq |
|---|--|-----------|--|---------------------------------------|---|
| Emissions of<br>greenhouse gases from<br>sources listed in Annex<br>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<br>emissions from the land<br>use, land-use change<br>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<br>conversion of forests<br>(deforestation)  | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O                                 | 1990      | 0.00   | -                                     | 0.00  |
| Total base year<br>emissions <sup>c</sup>   | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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**

|  | <b>Greenhouse gas</b>   | <b>Base year</b>  | <b>Base year emissions as reported,<sup>a</sup><br/>Gg CO<sub>2</sub> eq</b> | <b>Adjustments,<br/>Gg CO<sub>2</sub> eq</b> | <b>Base year emissions as adjusted,<br/>Gg CO<sub>2</sub> eq</b> |
|--|---|-------------------|--|--|--|
| 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**

|   | <b>Elected by Party</b> | <b>Accounting period</b> |
|---|-------------------------|--------------------------|
| <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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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**

|  | <b>Greenhouse gas</b>   | <b>Base year</b>  | <b>Base year emissions as reported,<sup>a</sup><br/>Gg CO<sub>2</sub> eq</b> | <b>Adjustments,<br/>Gg CO<sub>2</sub> eq</b> | <b>Base year emissions as adjusted,<br/>Gg CO<sub>2</sub> eq</b> |
|--|---|-------------------|--|--|--|
| 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**

|   | <b>Elected by Party</b> | <b>Accounting period</b> |
|---|-------------------------|--------------------------|
| <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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>Gg CO <sub>2</sub> eq |
|---|--|-------------------|--|---------------------------------------|---|
| Emissions of<br>greenhouse gases from<br>sources listed in Annex<br>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<br>emissions from the land<br>use, land-use change<br>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<br>conversion of forests<br>(deforestation)  | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O                                 | 1990              | 487.56   | -448.89                               | 38.68   |
| Total base year<br>emissions <sup>d</sup>   | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>Gg CO <sub>2</sub> eq |
|---|--|-------------------|--|---------------------------------------|---|
| Emissions of<br>greenhouse gases from<br>sources listed in Annex<br>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<br>emissions from the land<br>use, land-use change<br>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<br>conversion of forests<br>(deforestation)  | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O                                 | 1988              | 0.00   | -                                     | 0.00  |
| Total base year<br>emissions <sup>d</sup>   | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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**

|  | <b>Greenhouse gas</b>   | <b>Base year</b>  | <b>Base year emissions as reported,<sup>a</sup><br/>Gg CO<sub>2</sub> eq</b> | <b>Adjustments,<br/>Gg CO<sub>2</sub> eq</b> | <b>Base year emissions as adjusted,<br/>Gg CO<sub>2</sub> eq</b> |
|--|---|-------------------|--|--|--|
| 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**

|   | <b>Elected by Party</b> | <b>Accounting period</b> |
|---|-------------------------|--------------------------|
| <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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>Gg CO <sub>2</sub> eq |
|---|--|-------------------|--|---------------------------------------|---|
| Emissions of<br>greenhouse gases from<br>sources listed in Annex<br>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<br>emissions from the land<br>use, land-use change<br>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<br>conversion of forests<br>(deforestation)  | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O                                 | 1990              | 0.00   | -                                     | 0.00  |
| Total base year<br>emissions <sup>d</sup>   | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>Gg CO <sub>2</sub> eq |
|---|--|-------------------|--|---------------------------------------|---|
| Emissions of<br>greenhouse gases from<br>sources listed in Annex<br>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<br>emissions from the land<br>use, land-use change<br>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<br>conversion of forests<br>(deforestation)  | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O                                 | 1990              | 0.00   | -                                     | 0.00  |
| Total base year<br>emissions <sup>d</sup>   | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year emissions as adjusted,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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<br>emissions as<br>reported, <sup>a</sup><br>Gg CO <sub>2</sub> eq | Adjustments,<br>Gg CO <sub>2</sub> eq | Base year<br>emissions as<br>adjusted,<br>Gg CO <sub>2</sub> eq |
|---|--|-----------|--|---------------------------------------|---|
| Emissions of<br>greenhouse gases from<br>sources listed in Annex<br>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<br>emissions from the land<br>use, land-use change<br>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<br>conversion of forests<br>(deforestation)  | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O                                 | 1990      | 0.00   | -                                     | 0.00  |
| Total base year<br>emissions <sup>c</sup>   | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O,<br>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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|--|---|--|
| 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**

|  | <b>Greenhouse gas</b>  | <b>Base year</b>  | <b>Base year emissions as reported,<sup>a</sup><br/>Gg CO<sub>2</sub> eq</b> | <b>Adjustments,<br/>Gg CO<sub>2</sub> eq</b> | <b>Base year emissions as adjusted,<br/>Gg CO<sub>2</sub> eq</b> |
|--|--|-------------------|--|--|--|
| 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,<br>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**

|   | <b>Elected by Party</b> | <b>Accounting period</b> |
|---|-------------------------|--------------------------|
| <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,<br>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,<br>t CO <sub>2</sub> eq | Value relative to the total<br>base year emissions,<br>% |
|---|---|--|
| 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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