



COMPLIANCE COMMITTEE

CC/2011/1
24 November 2011

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

Note by the secretariat

The annual compilation and accounting report for Annex B Parties under the Kyoto Protocol and the addendum to this report were published on 16 November 2011. For purposes of rule 10, paragraph 2, of the rules of procedure of the Compliance Committee (annex to decision 4/CMP.2, as amended by decision 4/CMP.4), the report and its addendum are considered received by the secretariat on the same date. This report, FCCC/KP/CMP/2011/8 and its addendum, FCCC/KP/CMP/2011/8/Add.1, contained in the annex to this note, are being forwarded to the Compliance Committee in accordance with paragraph 4 of decision 13/CMP.1.



**Framework Convention on
Climate Change**

Distr.: General
16 November 2011

Original: English

**Conference of the Parties serving as the meeting
of the Parties to the Kyoto Protocol**
Seventh session
Durban, 28 November to 9 December 2011

Item 13 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 for 2011**

Note by the secretariat*

Summary

The Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, by its decision 13/CMP.1, requested the secretariat to begin publishing annual compilation and accounting reports after completion of the initial review under Article 8 of the Kyoto Protocol and resolution of any question of implementation. Accordingly, the secretariat began publishing the report in 2008, which contained only the initial accounting parameters. Since 2009, the document, in addition to the key initial accounting parameters, has also contained annual information on: (a) total greenhouse gas (GHG) emissions from the sources listed in Annex A to the Kyoto Protocol; (b) GHG emissions and removals from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol, and elected activities under Article 3, paragraph 4, of the Kyoto Protocol; and (c) transactions and holdings of Kyoto Protocol units. Part of the information contained in this document is based on information recorded in the compilation and accounting database. There are also other parts of information which is based on the 2011 Parties' submission, as at 24 October 2011; this information is provisional. Final values will become available after completion of the annual review for 2011 and resolution of any questions of implementation.

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

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I. Introduction

A. Mandate

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

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

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

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

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

B. Scope of the note

3. In response to the request referred to in paragraph 2 above, as at 24 October 2011 the secretariat had published four compilation and accounting reports for Annex B Parties:

(a) The first report,¹ containing information on initial accounting parameters for most Annex B Parties, was published in 2008;

(b) The second,² containing information on the initial accounting parameters as well as relevant supplementary information reported under Article 7, paragraph 1, of the Kyoto Protocol in 2009, was published in 2009;

(c) The third report,³ containing information on the initial accounting parameters and on relevant supplementary information reported under Article 7, paragraph 1, of the Kyoto Protocol in 2010, was published in 2010;

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

² FCCC/KP/CMP/2009/15 and Add.1.

³ FCCC/KP/CMP/2010/5 and Add.1.

(d) This document is the fourth report⁴ containing information on the initial accounting parameters and relevant supplementary information reported under Article 7, paragraph 1, of the Kyoto Protocol in 2011.

4. As at 24 October 2011, the initial reviews had been completed for all 38 Annex B Parties. Belarus has submitted its initial report, but the review of the report has not been initiated because the amendment to include Belarus in Annex B to the Kyoto Protocol (with a quantified emission reduction commitment of 92 per cent) has not yet entered into force.⁵ The expert review team (ERT) finalized the report of the review of the initial report of Croatia on 26 August 2009. The review report contained two questions of implementation relating to the assigned amount and the commitment period reserve of Croatia. Croatia lodged an appeal to the CMP against the final decision of the enforcement branch of the Compliance Committee of the Kyoto Protocol with respect to these two questions of implementation. On 4 August 2011, Croatia withdrew⁶ that appeal. The final values of the initial accounting parameters for Croatia will be available once the questions of implementation have been resolved.

5. This annual compilation and accounting report for 2011 covers all 38 Annex B Parties. In addition to the initial accounting parameters, the report includes an overview of the annual information reported by Parties in 2010 and reviewed as at 24 October 2011:⁷ (a) total GHG emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2008; (b) GHG emissions and removals from LULUCF activities under Article 3, paragraph 3, and elected activities under Article 3, paragraph 4, of the Kyoto Protocol for 2008; and (c) transactions and holdings of Kyoto Protocol units as at 31 December 2009. The report also provides provisional information as reported by Parties in 2011: (a) total GHG emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2008 and 2009; (b) GHG emissions and removals from LULUCF activities under Article 3, paragraph 3, and elected activities under Article 3, paragraph 4, of the Kyoto Protocol for 2008 and 2009; and (c) transactions and holdings of Kyoto Protocol units as at 31 December 2010. This report is interim in nature because some parts of the information presented, particularly the parts of the information reported in 2011, are provisional. Final values will become available after completion of the annual review of the information reported in 2011 and resolution of any questions of implementation, and will be presented in future reports as appropriate.

6. Information is also provided on the eligibility of the 38 Annex B Parties to participate in the flexibility mechanisms under the Kyoto Protocol.

7. Detailed information on assigned amounts of individual Annex B Parties and other accounting information provided under the Kyoto Protocol is contained in the addendum to this report. The full annual submissions of GHG inventories and accounting information from Parties are available on the UNFCCC website.⁸

⁴ FCCC/KP/CMP/2011/8 and Add.1.

⁵ In accordance with paragraphs 159 and 160 of the report of CMP 3 in Bali (FCCC/KP/CMP/2007/9), the CMP requested the Subsidiary Body for Implementation to consider the matter of a review of the initial report of Belarus before the entry into force of the amendment upon fulfilment of the conditions set out in paragraph 160 of that report.

⁶ FCCC/KP/CMP/2011/2.

⁷ As at 24 October 2011, the annual review for 2010 had been finalized for all 38 Annex B Parties except Lithuania, for which the resolution of questions of implementation was still pending.

⁸ <http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/5270.php>.

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

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

II. Status of reporting and eligibility

A. Status of annual submissions and the review process

9. As at 24 October 2011, all 38 Annex B Parties had submitted their annual GHG inventories with 2009 as the latest available inventory year. Thirty-six of these Parties⁹ also submitted their standard electronic format (SEF) tables in 2011 for the period from 1 January to 31 December 2010 and, all 38 of these Parties also submitted information on GHG emissions and removals from LULUCF activities under Article 3, paragraph 3, and elected activities under Article 3, paragraph 4, of the Kyoto Protocol. The annual reviews of the information reported under Article 7, paragraph 1, of the Kyoto Protocol by these Parties in 2011 have been initiated and are in progress.

B. Status of eligibility

10. The status of eligibility of Annex B Parties to participate in the flexibility mechanisms under the Kyoto Protocol pursuant to decisions 3/CMP.1, 9/CMP.1, 11/CMP.1 and 15/CMP.1 as at 24 October 2011 is provided in table 1. All Annex B Parties except Croatia, Romania and Ukraine were eligible to participate in the flexibility mechanisms.

11. The status of eligibility will be updated in the compilation and accounting database once the annual review of information reported in 2011 has been completed and questions of implementation, if any, have been resolved.

Table 1

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

<i>Annex B Party</i>	<i>Status</i>	<i>Last change in eligibility status (date and time)^a</i>
Australia	E	11 July 2009, 00:00:01
Bulgaria	E	4 February 2011, 15:42:12
Canada	E	16 June 2008, 09:00:00
Croatia	S	27 December 2009, 00:00:01
Czech Republic	E	24 February 2008, 00:00:01
Estonia	E	15 April 2008, 00:00:01
European Union ^b	E	18 April 2008, 00:00:01
Austria	E	5 April 2008, 00:00:01
Belgium	E	22 April 2008, 00:00:01
Denmark	E	20 April 2008, 00:00:01
Finland	E	22 April 2008, 00:00:01

⁹ In accordance with the annex to decision 14/CMP.1, Iceland and Monaco did not need to report such information in 2011, because they had not transferred or acquired any Kyoto Protocol units prior to 1 January 2011.

<i>Annex B Party</i>	<i>Status</i>	<i>Last change in eligibility status (date and time)^a</i>
France	E	21 April 2008, 00:00:01
Germany	E	27 April 2008, 00:00:01
Greece	E	14 November 2008, 09:00:00
Ireland	E	19 April 2008, 00:00:01
Italy	E	19 April 2008, 00:00:01
Luxembourg	E	29 April 2008, 00:00:01
Netherlands	E	21 April 2008, 00:00:01
Portugal	E	28 April 2008, 00:00:01
Spain	E	19 April 2008, 00:00:01
Sweden	E	19 April 2008, 00:00:01
United Kingdom	E	11 April 2008, 00:00:01
Hungary	E	30 December 2007, 00:00:01
Iceland	E	11 May 2008, 00:00:01
Japan	E	30 December 2007, 00:00:01
Latvia	E	29 April 2008, 00:00:01
Liechtenstein	E	22 April 2008, 00:00:01
Lithuania	E	22 April 2008, 00:00:01
Monaco	E	7 September 2008, 00:00:01
New Zealand	E	31 December 2007, 00:00:01
Norway	E	22 April 2008, 00:00:01
Poland	E	29 April 2008, 00:00:01
Romania	e2 ^c	27 August 2011, 11:03:20
Russian Federation	E	20 June 2008, 00:00:01
Slovakia	E	4 February 2008, 00:00:01
Slovenia	E	22 April 2008, 00:00:01
Switzerland	E	10 March 2008, 00:00:01
Ukraine	e2 ^d	12 October 2011, 12:20:10

Abbreviations: E = considered to meet the eligibility requirements under: Article 6 of the Kyoto Protocol, pursuant to decision 9/CMP.1, annex, paragraph 22; Article 12, pursuant to decision 3/CMP.1, annex, paragraph 32; and Article 17, pursuant to decision 11/CMP.1, annex, paragraph 3; e2 = not considered to meet the eligibility requirements mentioned above, but may issue and transfer emission reduction units for joint implementation projects pursuant to decision 9/CMP.1, annex, paragraph 24; S = not considered to meet one or more of the eligibility requirements under Articles 6, 12 and 17, of the Kyoto Protocol; therefore eligibility is suspended pursuant to decision 27/CMP.1, annex, section XV, paragraph 4.

^a All times are Greenwich Mean Time.

^b The States listed under the European Union were the 15 member States at the time of the deposit by the European Community of its instrument of approval to the Kyoto Protocol on 31 May 2002.

^c Romania became eligible to participate in the flexibility mechanisms under the Kyoto Protocol on 18 September 2008, at 00:00:01; however, the enforcement branch suspended Romania's eligibility pending the resolution of the question of implementation relating to its national system on 27 August 2011. Detailed information on the question of implementation with respect to Romania is available at <http://unfccc.int/kyoto_protocol/compliance/items/2875.php>.

^d Ukraine became eligible to participate in the flexibility mechanisms under the Kyoto Protocol on 29 April 2008, at 00:00:01, however, the enforcement branch suspended Ukraine's eligibility pending the resolution of the question of implementation relating to its national system on 12 October 2011. Detailed information on the question of implementation with respect to Ukraine is available at <http://unfccc.int/kyoto_protocol/compliance/items/2875.php>.

III. Main accounting parameters

A. Key initial accounting parameters

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

Table 2

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

Party	Base year ^a		Base year emissions ^b (t CO ₂ eq)	Emission reduction/limitation target, % of base year level		Assigned amount (t CO ₂ eq)
	CO ₂ , CH ₄ , N ₂ O	F-gases		Annex B	Article 4 ^c	
Australia	1990	1990	547 699 841	108	–	2 957 579 143
Bulgaria	1988	1995	132 618 658	92	–	610 045 827
Canada	1990	1990	593 998 462	94	–	2 791 792 771
Croatia ^d	–	–	–	–	–	–
Czech Republic	1990	1995	194 248 218	92	–	893 541 801
Estonia	1990	1995	42 622 312	92	–	196 062 637
European Union	1990	1990 or	4 265 517 719	92	92	19 621 381 509
Austria	1990	1990	79 049 657	92	87	343 866 009
Belgium	1990	1995	145 728 763	92	92.5	673 995 528
Denmark	1990	1995	69 978 070	92	79	276 838 955
Finland	1990	1995	71 003 509	92	100	355 017 545
France	1990	1990	563 925 328	92	100	2 819 626 640
Germany	1990	1995	1 232 429 543	92	79	4 868 096 694
Greece	1990	1995	106 987 169	92	125	668 669 806
Ireland	1990	1995	55 607 836	92	113	314 184 272
Italy	1990	1990	516 850 887	92	93.5	2 416 277 898
Luxembourg	1990	1995	13 167 499	92	72	47 402 996
Netherlands	1990	1995	213 034 498	92	94	1 001 262 141
Portugal	1990	1995	60 147 642	92	127	381 937 527
Spain	1990	1995	289 773 205	92	115	1 666 195 929
Sweden	1990	1995	72 151 646	92	104	375 188 561
United Kingdom	1990	1995	779 904 144	92	87.5	3 412 080 630
Hungary	1985–1987	1995	115 397 149	94	–	542 366 600
Iceland	1990	1990	3 367 972	110	–	18 523 847
Japan	1990	1995	1 261 331 418	94	–	5 928 257 666
Latvia	1990	1995	25 909 159	92	–	119 182 130
Liechtenstein	1990	1990	229 483	92	–	1 055 623
Lithuania	1990	1995	49 414 386	92	–	227 306 177
Monaco	1990	1995	107 658	92	–	495 221
New Zealand	1990	1990	61 912 947	100	–	309 564 733
Norway	1990	1990	49 619 168	101	–	250 576 797
Poland	1988	1995	563 442 774	94	–	2 648 181 038
Romania	1989	1989	278 225 022	92	–	1 279 835 099

Party	Base year ^a		Base year emissions ^b (t CO ₂ eq)	Emission reduction/limitation target, % of base year level		Assigned amount (t CO ₂ eq)
				Annex B	Article 4 ^f	
	CO ₂ , CH ₄ , N ₂ O	F-gases				
Russian Federation	1990	1995	3 323 419 064	100	–	16 617 095 319
Slovakia	1990	1990	72 050 764	92	–	331 433 516
Slovenia	1986	1995	20 354 042	92	–	93 628 593
Switzerland	1990	1990	52 790 957	92	–	242 838 402
Ukraine	1990	1990	920 836 933	100	–	4 604 184 663
Total^e	–	–	12 575 114 106	–	–	60 284 929 112

Abbreviation: F-gases = fluorinated gases.

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

^b Refers to the total base year greenhouse gas emissions used for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol. Note that the following Parties included net emissions from land use, land-use change and forestry (deforestation) in their total greenhouse gas emissions for the base year in accordance with decision 13/CMP.1, annex, paragraph 5 (b): Australia: 131,544,513 t CO₂ eq; Ireland: 4,719 t CO₂ eq; Netherlands: 38,676 t CO₂ eq; Portugal: 981,203 t CO₂ eq; and United Kingdom of Great Britain and Northern Ireland: 365,593 t CO₂ eq.

^c Fifteen member States of the European Union agreed to meet their targets jointly in accordance with Article 4, paragraph 1, of the Kyoto Protocol.

^d The initial review process for Croatia has been finalized, but the resolution of questions of implementation from that review was still pending, therefore the initial accounting parameters for Croatia are not available.

^e The total includes the assigned amount of the European Union but does not include the assigned amounts of the individual member States in order to avoid double counting.

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

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

14. The total GHG emissions from 36 Annex B Parties¹⁰ in the base year¹¹ used for the calculation of the assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol amounted to 12,575.1 million tonnes of carbon dioxide equivalent (Mt CO₂ eq), including total GHG emissions of 12,442.2 Mt CO₂ eq from the sources listed in Annex A to the Kyoto Protocol and emissions from LULUCF activities (net emissions and removals in the base year from the conversion of forests (deforestation)) of 132.9 Mt CO₂ eq.

2. The Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol

15. The assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period for a Party is calculated as the percentage

¹⁰ The total includes emissions of the EU but does not include emissions of the individual member States in order to avoid double counting.

¹¹ The total GHG emissions in the base year refers to the total GHG emissions that were used for calculation of the assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

inscribed for it in Annex B to the Kyoto Protocol of its aggregate anthropogenic CO₂ eq emissions of the GHGs from sources listed in Annex A to the Kyoto Protocol in the base year, multiplied by five. In accordance with Article 4, paragraph 1, of the Kyoto Protocol the assigned amounts for 15 EU member States have been calculated under the EU burden-sharing agreement. Based on the information provided in the initial reports, as at 24 October 2011, assigned amounts for the first commitment period (2008–2012) had been established for 37 Parties.

16. For the first commitment period, the total assigned amount¹² for 36 Annex B Parties taken together is 60,284,929,112 t CO₂ eq. The total assigned amount for the EU for the first commitment period is 19,621,381,509 t CO₂ eq.

B. Greenhouse gas emissions and removals in 2008 and 2009

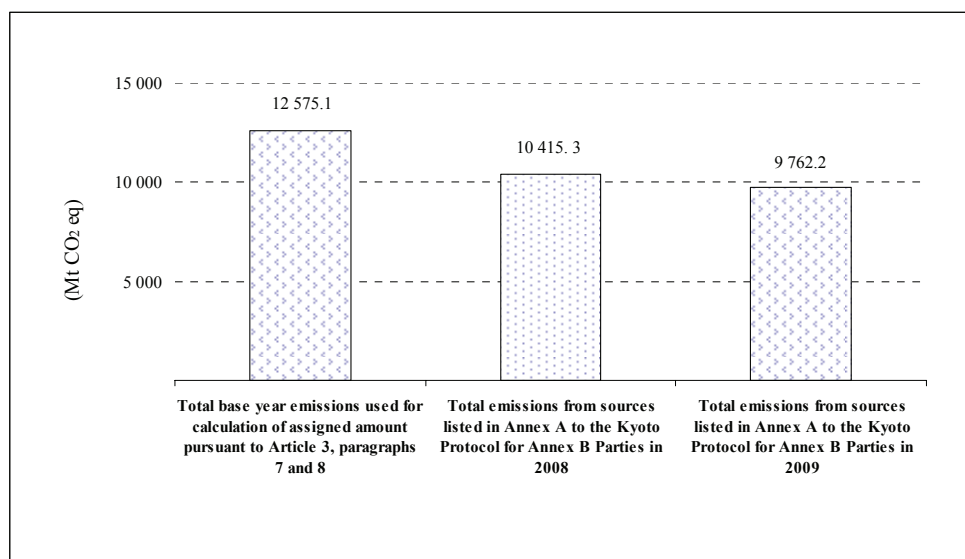
1. Emissions from sources listed in Annex A to the Kyoto Protocol in 2008 and 2009

17. In 2011, all 38 Annex B Parties submitted their national GHG inventories, both the common reporting format tables and the national inventory reports, for the period from the base year to 2009. At the time of preparation of this report, the review of the information on emissions from sources listed in Annex A to the Kyoto Protocol for 2008 and 2009 by the ERTs was in progress.

18. In 2009, the total GHG emissions of Annex B Parties from sources listed in Annex A to the Kyoto Protocol amounted to 9,762.2 Mt CO₂ eq. This is 22.4 per cent lower than the base year level defined under the Kyoto Protocol and 6.3 per cent lower than the 2008 level, which is based on information submitted by Annex B Parties in 2011 (see figure 1).

Figure 1

Total greenhouse gas emissions for Annex B Parties from sources listed in Annex A to the Kyoto Protocol in 2008 and 2009



Note: The values for the total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol for Annex B Parties in 2008 and 2009, which are based on the information

¹² The total includes the assigned amount of the EU but does not include the assigned amounts of the individual member States in order to avoid double counting.

submitted in 2011 are presented here provisionally and may change depending on the outcomes of the ongoing annual reviews.

2. Difference in the data for 2008 for emissions from Annex A sources between the 2010 and 2011 submissions

19. There are two sets of data for GHG emissions from sources listed in Annex A to the Kyoto Protocol: values reported in the 2010 submissions, which have been reviewed and recorded in the compilation and accounting database, and values reported in the 2011 submissions, which are the latest available data and a review of which is in progress.

20. Total GHG emissions from sources listed in Annex A to the Kyoto Protocol for 2008 as reported by Parties in 2011 amounted to 10,415.3 Mt CO₂ eq. This is 0.06 per cent lower than the value reported by Annex B Parties in 2010 (10,421.29 Mt CO₂ eq) and reviewed by the ERT. This change in value is caused primarily by the recalculations that Parties applied in their GHG inventories.

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

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

Table 3

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

<i>Activities under Article 3, paragraph 4, of the Kyoto Protocol</i>	<i>Number of Parties by type of accounting period elected</i>		
	<i>No accounting</i>	<i>Annually</i>	<i>Entire commitment period</i>
Forest management	14	5	18
Cropland management	33	1	3
Grazing land management	35	1	1
Revegetation	34	0	3

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

22. According to decision 15/CMP.1, Annex B Parties are required to report, as a part of their annual GHG inventory, information on anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, and if any, elected activities under Article 3, paragraph 4, of the Kyoto Protocol at the time when the inventory submission under the Convention is due for the first year of the commitment period of the Kyoto Protocol. As at 24 October 2011, all 38 Parties had reported this information. A summary of the information provided pursuant to decision 16/CMP.1 on the total net anthropogenic GHG emissions and removals for Annex B Parties from each of the LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol for 2008 and 2009 is shown in table 4.

Table 4

Summary of total net anthropogenic greenhouse gas emissions and removals for Annex B Parties from land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol for 2008 and 2009

<i>Land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol</i>	<i>Number of reporting Parties</i>	<i>Net greenhouse gas emissions or removals (t CO₂ eq) in 2008</i>	<i>Net greenhouse gas emissions or removals (t CO₂ eq) in 2009</i>
Article 3, paragraph 3, activities			
Afforestation and reforestation	37	-126 092 469	-129 122 924
Deforestation	37	153 028 221	135 428 187
Net emissions or removals		26 935 753	6 305 263
Article 3, paragraph 4, activities			
Forest management	23	-1 271 050 781	-1 343 122 892
Cropland management	4	-14 006 443	-16 151 140
Grazing land management	2	-1 536 811	-1 557 312
Revegetation	3	-1 242 654	-1 282 205
Net emissions or removals		-1 287 836 689	-1 362 113 549

23. As at 31 December 2010, Parties had not issued any RMUs for 2008 and 2009 resulting from their activities under Article 3, paragraph 3, and elected activities under Article 3, paragraph 4, of the Kyoto Protocol accounted in accordance with decisions 13/CMP.1 and 16/CMP.1. Such units will be issued following completion of the annual review for 2011 in accordance with Article 8, taking into account any adjustments applied in accordance with Article 5, paragraph 2, of the Kyoto Protocol and the resolution of any questions of implementation relating to the reported net removals of anthropogenic GHGs.

4. Difference in the data for 2008 for emissions and removals from land use, land-use change and forestry activities between the 2010 and 2011 submissions

24. There are also two sets of data for GHG emissions from LULUCF activities under Article 3, paragraph 3, and elected activities under Article 3, paragraph 4, of the Kyoto Protocol: values reported in the 2010 submissions, which have been reviewed and recorded in the compilation and accounting database, and values reported in the 2011 submissions which are the latest available data and of which the review is in progress.

25. Total GHG emissions and removals from the above-mentioned activities for 2008 as reported by Parties in 2011 amounted to -1,260,900,936 t CO₂ eq. This is 0.07 per cent lower than the value reported by Annex B Parties in 2010 (-1,182,277,079) and reviewed by the ERT. This change in value is caused primarily by the recalculations that Parties applied in their GHG inventories.

C. Transactions and holdings of Kyoto Protocol units

26. This section provides a provisional overview¹³ of additions to, and subtractions from, the assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol at the end of 2010 for the 36 Annex B Parties that reported their SEF tables with information on Kyoto Protocol units in 2011. Two Annex B Parties (Iceland and Monaco)

¹³ At the time of preparation of this document, the annual review of information reported by Annex B Parties in 2011 was still in progress.

did not need to report such information in 2011, because they had not transferred or acquired any Kyoto Protocol units prior to 1 January 2011.¹⁴

1. Transactions of Kyoto Protocol units

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

28. Between 1 January and 31 December 2010, 21 Parties executed at least one form of internal transaction. The transactions were mainly related to: (a) issuance and/or conversion of Kyoto Protocol units in relation to joint implementation projects under Article 6 of the Kyoto Protocol; and (b) cancellation of Kyoto Protocol units, which were reported under the “other cancellation” accounts. Thirteen Parties have issued 30,954,580 ERUs into their registries by converting the same amount of AAUs previously issued and held in their national registries. Thirteen Parties, of which nine are EU member States, transferred 388,746 AAUs in aggregate into the “other cancellation” accounts. Eleven Parties, of which eight are EU member States, transferred total quantities of 1,137,195 CERs into the “other cancellation” accounts. Finally, three Parties, which are EU member States, transferred 18,982 ERUs into the “other cancellation” accounts.

29. Table 5 provides a summary of information on the total quantities of Kyoto Protocol units and the number of Parties involved in external transactions that occurred between 1 January and 31 December 2010.

Table 5

Total Kyoto Protocol units acquired or transferred through external transactions between 1 January and 31 December 2010^a

Transaction type		Kyoto Protocol units by external transaction type (Mt CO ₂ eq)					
		AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Addition	Quantities acquired or forwarded ^b	648.3	47.1	0.0	323.0	0.0	0.0
	Parties involved	30	31	0	31	0	0
Subtraction	Quantities transferred	648.3	47.1	0.0	204.4	0.0	0.0
	Parties involved	31	25	0	30	0	0

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

^a The figures do not include data on external transactions reported by the individual 15 member States of the European Union in order to avoid double counting.

^b CERs are forwarded by the clean development mechanism registry.

2. Holdings of Kyoto Protocol units by holding account type as at 31 December 2010

30. For the 35¹⁵ Annex B Parties that reported information on Kyoto Protocol units pursuant to decisions 13/CMP.1 and 15/CMP.1 by the end of 2010, there were 60,726.4 million Kyoto Protocol units, which included 60,228.0 million AAUs, 37.1 million ERUs and 461.3 million CERs, in the different holding accounts, including different cancellations and retirement accounts.

¹⁴ Decision 14/CMP.1, annex, paragraph 3.

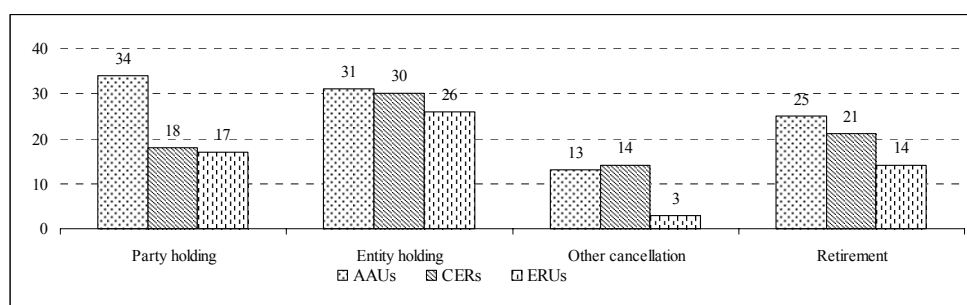
¹⁵ This figure does not include the EU in order to avoid double counting.

31. Figure 2 shows the number of Parties that hold Kyoto Protocol units in different holding accounts. A summary of the total quantities of the different Kyoto Protocol units, as at 31 December 2010, in different account types for 34 Annex B Parties is given in table 6. The breakdown of total Kyoto Protocol units by Party is provided in table 7.

32. Detailed information on the status of accounts for each Annex B Party can be found in document FCCC/KP/CMP/2011/8/Add.1.

Figure 2

Number of Annex B Parties holding Kyoto Protocol units by account type in 2010



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

Table 6

Summary of total quantities^a of Kyoto Protocol units by account type for Annex B Parties as at 31 December 2010

Account type	Total quantities by unit type (Mt CO ₂ eq)					
	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	54 522.6	10.6	0	79.8	0	0
Entity holding	2 494.6	23.8	0	214.3	0	0
Article 3, paragraph 3 and 4, net source cancellation	0	0	0	0	0	0
Non-compliance cancellation	0	0	0	0	0	0
Other cancellation	0.425	0.019	0	2.6	0	0
Retirement	3 210.5	2.646	0	165.0	0	0
tCER replacement for expiry	0	0	0	0	0	0
ICER replacement for expiry	0	0	0	0	0	0
ICER replacement for reversal in storage	0	0	0	0	0	0
ICER replacement for non-submission of CR	0	0	0	0	0	0
Total	60 228.0	37.1	0	461.3	0	0

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

^a "Total quantities" refers to the sum of the Kyoto Protocol units in each account type for the 35 Annex B Parties.

Table 7
Total quantities^a of Kyoto Protocol units for Annex B Parties as at 31 December 2010

<i>Annex B Party</i>	<i>Total quantities by unit type (Mt CO₂ eq)</i>					
	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>lCERs</i>
Australia	2 957.6	0	0	0	0	0
Bulgaria	518.5	0	0	1.0	0	0
Canada	2 791.8	0	0	0	0	0
Croatia	–	–	–	–	–	–
Czech Republic	779.5	0.5	0	9.8	0	0
Estonia	177.3	0.2	0	0.001	0	0
European Union ^b	19 851.2	23.0	0	286.08	0	0
Austria	354.9	1.8	0	11.8	0	0
Belgium	662.8	0	0	6.0	0	0
Denmark	282.2	4.31	0	2.3	0	0
Finland	352.8	0.56	0	5.0	0	0
France	2 860.6	1.22	0	20.8	0	0
Germany	4 925.2	4.01	0	86.3	0	0
Greece	656.9	0	0	0.66	0	0
Ireland	311.0	1.0	0	7.3	0	0
Italy	2 416.3	0	0	34.9	0	0
Luxembourg	49.0	0	0	1.8	0	0
Netherlands	1 030.1	3.8	0	20.8	0	0
Portugal	371.8	0	0	6.7	0	0
Spain	1 635.7	1.9	0	42.5	0	0
Sweden	370.0	0.15	0	2.8	0	0
United Kingdom	3 571.7	4.02	0	36.0	0	0
Hungary	518.0	1.0	0	4.0	0	0
Iceland ^c	–	–	–	–	–	–
Japan	6 085.4	2.41	0	102.9	0	0
Latvia	86.5	0	0	0.62	0	0
Liechtenstein	41.5	0	0	0.08	0	0
Lithuania	216.2	0.97	0	2.32	0	0
Monaco ^c	–	–	–	–	–	–
New Zealand	307.3	0.02	0	0.531	0	0
Norway	263.9	0.43	0	5.3	0	0
Poland	2 595.4	2.263	0	24.5	0	0
Romania	1 216.7	1.0	0	6.7	0	0
Russian Federation	16 612.9	0	0	0	0	0
Slovakia	289.5	0	0	4.5	0	0
Slovenia	92.0	0	0	1.3	0	0
Switzerland	313.0	5.3	0	12.3	0	0
Ukraine	4 513.9	0	0	0	0	0

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

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

^b The states listed under the European Union were the 15 member States at the time of the deposit by the European Community of its instrument of approval to the Kyoto Protocol on 31 May 2002.

^c Not required to submit the standard electronic format tables for the submission year 2011.

**Framework Convention on
Climate Change**Distr.: General
16 November 2011

English only

**Conference of the Parties serving as the meeting
of the Parties to the Kyoto Protocol**
Seventh session
Durban, 28 November to 9 December 2011

Item 13 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 for 2011****Note by the secretariat*****Addendum****Compilation and accounting information by Party***Summary*

This document contains detailed information on the initial accounting parameters under the Kyoto Protocol which are recorded for Parties included in Annex I to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol in the compilation and accounting database after completion of review pursuant to decision 22/CMP.1 and the resolution of questions of implementation, if any. It also contains annual information on anthropogenic greenhouse gas (GHG) emissions in 2008 and 2009 from sources listed in Annex A to the Kyoto Protocol, GHG emissions and removals in 2008 and 2009 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol, and elected activities under Article 3, paragraph 4, of the Kyoto Protocol and holdings and transactions of Kyoto Protocol units. Some of the annual information is provisional which will be finalized after completion of the 2011 annual review pursuant to decision 22/CMP.1 and the resolution of questions of implementation, if any.

* This document was submitted late in order to take into account the latest submissions from Parties.

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I. Introduction

1. Document FCCC/KP/CMP/2011/8 provides an overview of the information on annual accounting parameters for the first commitment period of the Kyoto Protocol that has been recorded in the compilation and accounting database for Parties included in Annex I to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol (Annex B Parties). This information was reported by Parties in their initial reports and in the relevant reports submitted in 2010. The information includes the following:

- (a) Final values of key initial accounting parameters under the Kyoto Protocol;
- (b) Final values for emissions/removals of greenhouse gases (GHGs) in 2008;
- (c) Total quantities of Kyoto Protocol units by account type at the end of 2009 (final values).

2. Further, with a view to presenting the latest available information, annual information reported by Parties in 2011 is provided in this document provisionally, pending the completion of the annual review under Article 8 of the Kyoto Protocol, on the following:

- (a) Total GHG emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2008 and 2009;
- (b) GHG emissions and removals in 2008 and 2009 from land use, land-use change and forestry activities under Article 3, paragraph 3, and from elected activities under Article 3, paragraph 4, of the Kyoto Protocol;
- (c) Transactions and holdings of Kyoto Protocol units as at 31 December 2010.

3. This document contains more detail on the accounting parameters and information mentioned in paragraph 1 above for individual Annex B Parties.

4. The annual information submitted in 2011 will be recorded in the compilation and accounting database after completion of the annual review and resolution of questions of implementation, if any.

5. The status of Parties' eligibility will also be updated after completion of the annual review of the information reported by Parties in accordance with Article 7, paragraph 1, of the Kyoto Protocol and the requirements for reporting supplementary information described in decision 15/CMP.1.

II. Australia

6. Australia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 11 July 2009.

7. Tables 1–5 provide detailed information on Australia's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 1
Key initial accounting parameters under the Kyoto Protocol for Australia (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	547 699 841	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	108	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 957 579 143	t CO ₂ eq
Commitment period reserve after the 2010 annual review	2 661 821 229	t CO ₂ eq
Limitation on the additions to and subtractions from Australia's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	0	t CO ₂ eq
Limitation on the total of additions to Australia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	29 575 791	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 2
Australia's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	549 540 291	550 921 070	545 858 288
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	32 702 750	35 719 254	26 342 035
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 3
Australia's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 957 579 143	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 957 579 143	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 4
Australia's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 957 579 143	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 957 579 143	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 5
Australia's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	NO	NO	NO	1	NO	NO
Total transactions	NO	NO	NO	1	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	NO	NO	1	NO	NO
Total transactions	NO	NO	NO	1	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

III. Austria

8. Austria met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 5 April 2008.

9. Tables 6–10 provide detailed information on Austria's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 6

Key initial accounting parameters under the Kyoto Protocol for Austria (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	79 049 657	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	87	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	343 866 009	t CO ₂ eq
Commitment period reserve after the 2010 annual review	309 479 408	t CO ₂ eq
Limitation on the additions to and subtractions from Austria's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	11 550 000	t CO ₂ eq
Limitation on the total of additions to Austria's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 438 660	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 7

Austria's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	86 640 569	86 960 711	80 058 865
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 307 067	-1 306 998	-1 384 476
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 8
Austria's total quantities of Kyoto Protocol units by account type at the end of 2009
(final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	282 462 370	NO	NO	NO	NO	NO
Entity holding	39 134 703	830 961	NO	7 627 744	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	30 930 995	NO	NO	1 067 616	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	352 528 068	830 961	NO	8 695 360	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 9
Austria's total quantities of Kyoto Protocol units by account type at the end of 2010
(provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	250 266 734	NO	NO	44	NO	NO
Entity holding	46 807 419	1 794 412	NO	10 358 188	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	57 822 680	3 000	NO	1 456 881	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	354 896 833	1 797 412	NO	11 815 113	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 10
Austria's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	28 904 225	1 941 965	NO	6 446 252	NO	NO
Total transactions	28 904 225	1 941 965	NO	6 446 252	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	26 535 460	975 514	NO	3 326 499	NO	NO
Total transactions	26 535 460	975 514	NO	3 326 499	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

IV. Belgium

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

11. Tables 11–15 provide detailed information on Belgium's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 11
Key initial accounting parameters under the Kyoto Protocol for Belgium (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	145 728 763	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	93	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	673 995 528	t CO ₂ eq
Commitment period reserve after the 2010 annual review	606 595 975	t CO ₂ eq
Limitation on the additions to and subtractions from Belgium's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	550 000	t CO ₂ eq
Limitation on the total of additions to Belgium's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 739 955	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 12
Belgium's emissions/removals of greenhouse gases in 2008 and 2009

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2008 (final values based on the 2010 submissions)	In 2008 (provisional values based on the 2011 submissions)	In 2009 (provisional values based on the 2011 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	133 253 794	135 155 087	124 439 880
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	68 835	-50 884	-54 315
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 13
Belgium's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	563 832 417	NO	NO	NO	NO	NO
Entity holding	44 541 526	NO	NO	2 783 590	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	578	NO	NO
Retirement	53 995 709	NO	NO	1 545 367	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	662 369 652	NO	NO	4 329 535	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 14
Belgium's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	507 869 624	NO	NO	NO	NO	NO
Entity holding	55 431 183	197 454	NO	3 800 124	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	578	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	99 533 458	4 000	NO	2 180 260	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	662 834 265	201 454	NO	5 980 962	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 15
Belgium's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	19 956 539	657 747	NO	2 496 799	NO	NO
Total transactions	19 956 539	657 747	NO	2 496 799	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	19 491 926	456 293	NO	845 372	NO	NO
Total transactions	19 491 926	456 293	NO	845 372	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

V. Bulgaria

12. Bulgaria met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 25 November 2008. On 28 June 2010 the enforcement branch of the Compliance Committee suspended Bulgaria's eligibility to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol. Bulgaria's eligibility was reinstated on 4 February 2011.

13. Tables 16–20 provide detailed information on Bulgaria's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 16
Key initial accounting parameters under the Kyoto Protocol for Bulgaria (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	132 618 658	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	610 045 827	t CO ₂ eq
Commitment period reserve after the 2010 annual review	375 979 492	t CO ₂ eq
Limitation on the additions to and subtractions from Bulgaria's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	6 783 333	t CO ₂ eq
Limitation on the total of additions to Bulgaria's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 100 458	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 17
Bulgaria's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	75 195 898	69 032 980	59 496 493
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 093 270	-1 219 746	-1 519 993
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 18
Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	610 045 827	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total	610 045 827	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 19

Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	417 743 586	238 735	NO	383 370	NO	NO
Entity holding	30 860 568	NO	NO	174 787	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	69 925 286	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	518 529 440	238 735	NO	558 157	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 20

Bulgaria's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		3 331 743	NO			
External transactions	570 446	219 024	NO	929 884	NO	NO
Total transactions	570 446	3 550 767	NO	929 884	NO	NO
<i>Subtractions</i>						
Internal transactions	3 331 743	NO	NO	NO	NO	NO
External transactions	88 755 090	3 312 032	NO	371 727	NO	NO
Total transactions	92 086 833	3 312 032	NO	371 727	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

VI. Canada

14. Canada met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 16 June 2008.

15. Tables 21–24 provide detailed information on Canada’s initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units. In accordance with the annex to decision 14/CMP.1, each Annex B Party is required to submit standard electronic format (SEF) tables in the year following the calendar year in which the Party first transferred or acquired Kyoto Protocol units. Canada neither transferred nor acquired any Kyoto Protocol units in 2009. Therefore, only the holdings of Kyoto Protocol units by account type at the end of 2010, and transactions of Kyoto Protocol units in 2010 are provided here.

Table 21

Key initial accounting parameters under the Kyoto Protocol for Canada (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	593 998 462	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 791 792 771	t CO ₂ eq
Commitment period reserve after the 2010 annual review	2 512 613 494	t CO ₂ eq
Limitation on the additions to and subtractions from Canada’s assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	220 000 000	t CO ₂ eq
Limitation on the total of additions to Canada’s assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	27 917 928	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 22

Canada’s emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	734 566 320	733 711 525	691 834 450
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	13 905 766	13 794 762	13 901 977
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-11 503 326	-11 711 313	-12 405 512

Abbreviations: LULUCF = land use, land use change and forestry.

Table 23
**Canada's total quantities of Kyoto Protocol units by account type at the end of 2010
 (provisional values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 791 792 771	NO	NO	216 750	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 791 792 771	NO	NO	216 750	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 24
Canada's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	NO	NO	NO	216 750	NO	NO
Total transactions	NO	NO	NO	216 750	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	NO	NO	NO	NO	NO
Total transactions	NO	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

VII. Croatia

16. Croatia submitted its initial report pursuant to decision 13/CMP.1 on 27 August 2008. The initial review by the expert review team for Croatia was completed and a review report,¹ containing questions of implementation relating to the calculation of Croatia's assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol and its commitment period reserve, was forwarded to the Compliance Committee on 28 August 2009. The enforcement branch of the Compliance Committee adopted a final decision on the two questions of implementation on 26 November 2009. The decision confirmed the

¹ FCCC/IRR/2008/HRV.

branch's preliminary finding of non-compliance with respect to Croatia. Croatia appealed² against the final decision of the enforcement branch. The CMP, at its sixth session, considered the appeal but was not able to complete its consideration at that session and decided that the item would be included on the provisional agenda for its seventh session. On 4 August 2011, Croatia withdrew³ its appeal. The CMP will be invited to consider the withdrawal by Croatia of its appeal against the final decision of the enforcement branch and to take any action it deems appropriate.

VIII. Czech Republic

17. 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.

18. Tables 25–29 provide detailed information on the Czech Republic's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 25

Key initial accounting parameters under the Kyoto Protocol for the Czech Republic (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	194 248 218	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	893 541 801	t CO ₂ eq
Commitment period reserve after the 2010 annual review	707 168 248	t CO ₂ eq
Limitation on the additions to and subtractions from the Czech Republic's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	5 866 667	t CO ₂ eq
Limitation on the total of additions to the Czech Republic's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	8 935 418	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 26

The Czech Republic's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	141 433 650	141 803 091	133 602 841

² The text of Croatia's appeal is available in document FCCC/KP/CMP/2010/2.

³ FCCC/KP/CMP/2011/2.

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-111 786	-111 786	-124 482
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-4 413 654	-4 403 993	-6 441 150

Abbreviations: LULUCF = land use, land use change and forestry.

Table 27
The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	745 963 013	NO	NO	1 845 344	NO	NO
Entity holding	69 199 182	98 637	NO	4 083 546	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	815 162 195	98 637	NO	5 928 890	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 28
The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	698 297 817	98 637	NO	4 870 631	NO	NO
Entity holding	81 232 797	403 031	NO	4 956 118	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	779 530 614	501 668	NO	9 826 749	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 29

The Czech Republic's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		1 355 633	NO			
External transactions	40 059 068	1 184 040	NO	6 751 365	NO	NO
Total transactions	40 059 068	2 539 673	NO	6 751 365	NO	NO
<i>Subtractions</i>						
Internal transactions	1 355 633	NO	NO	NO	NO	NO
External transactions	74 335 016	2 136 642	NO	2 853 506	NO	NO
Total transactions	75 690 649	2 136 642	NO	2 853 506	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

IX. Denmark

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

20. Tables 30–34 provide detailed information on Denmark's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 30

Key initial accounting parameters under the Kyoto Protocol for Denmark (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	69 978 070	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	79	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	276 838 955	t CO ₂ eq
Commitment period reserve after the 2010 annual review	249 155 060	t CO ₂ eq
Limitation on the additions to and subtractions from Denmark's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	916 667	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Limitation on the total of additions to Denmark's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 768 390	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 31
Denmark's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	64 897 927	64 409 764	61 646 147
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-206 794	-11 412	-110 572
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	3 042 759	-2 102 469	-1 025 658

Abbreviations: LULUCF = land use, land use change and forestry.

Table 32
Denmark's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	229 445 248	331 424	NO	266 286	NO	NO
Entity holding	45 202 064	7 042	NO	1 534 083	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	10 394	NO	NO	NO	NO	NO
Retirement	26 171 207	NO	NO	375 230	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	300 828 913	338 466	NO	2 175 599	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 33
Denmark's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	207 147 842	4 108 696	NO	447 341	NO	NO
Entity holding	23 415 544	184 668	NO	1 292 555	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	149 207	13 374	NO	72	NO	NO
Retirement	51 493 378	NO	NO	537 973	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	282 205 971	4 306 738	NO	2 277 941	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 34
Denmark's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	233 649 660	5 344 875	NO	28 111 141	NO	NO
Total transactions	233 649 660	5 344 875	NO	28 111 141	NO	NO
<i>Subtractions</i>						
Internal transactions	138 813	13 374	NO	72	NO	NO
External transactions	252 272 602	1 376 603	NO	28 008 799	NO	NO
Total transactions	252 411 415	1 389 977	NO	28 008 871	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

X. Estonia

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

22. Tables 35–39 provide detailed information on Estonia's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 35
Key initial accounting parameters under the Kyoto Protocol for Estonia (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	42 622 312	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	196 062 637	t CO ₂ eq
Commitment period reserve after the 2010 annual review	101 355 000	t CO ₂ eq
Limitation on the additions to and subtractions from Estonia's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	1 833 333	t CO ₂ eq
Limitation on the total of additions to Estonia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	1 960 626	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 36
Estonia's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	20 271 000	20 141 231	16 657 208
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	6 065 984	256 132	235 939
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 37
Estonia's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	172 427 649	NO	NO	NO	NO	NO
Entity holding	10 483 580	44 934	NO	957	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	13 552 575	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	196 463 804	44 934	NO	957	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 38

Estonia's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	149 967 364	175 346	NO	NO	NO	NO
Entity holding	3 470 477	22 727	NO	957	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	210 000	NO	NO	NO	NO	NO
Retirement	23 667 710	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	177 315 551	198 073	NO	957	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 39

Estonia's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		209 527	NO			
External transactions	22 964 195	127 983	NO	NO	NO	NO
Total transactions	22 964 195	337 510	NO	NO	NO	NO
<i>Subtractions</i>						
Internal transactions	419 527	NO	NO	NO	NO	NO
External transactions	41 902 921	184 371	NO	NO	NO	NO
Total transactions	42 322 448	184 371	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XI. European Union

23. The European Union (EU) met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 18 April 2008.

24. Tables 40–47 provide detailed information on the European Union's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units. Accounting data for the EU-15⁴ do not include units held in the European Community registry, which are presented in separate tables.

Table 40

Key initial accounting parameters under the Kyoto Protocol for the EU (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	4 265 517 719	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	19 621 381 509	t CO ₂ eq
Commitment period reserve after the 2010 annual review	17 659 243 358	t CO ₂ eq
Limitation on the additions to and subtractions from the EU's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	NO	t CO ₂ eq
Limitation on the total of additions to the EU's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	NO	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	NO	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 41

The EU's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	4 000 086 340	3 997 989 598	3 723 714 417
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	7 904 302	-11 100 016	-14 698 032

⁴ At the time of the deposit of its instrument of approval to the Kyoto Protocol on 31 May 2002, the 15 member States of the European Union were Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden and United Kingdom of Great Britain and Northern Ireland.

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2008 (final values based on the 2010 submissions)	In 2008 (provisional values based on the 2011 submissions)	In 2009 (provisional values based on the 2011 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-262 626 815	-272 089 511	-280 284 281

Abbreviations: LULUCF = land use, land use change and forestry.

Table 42
Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2009, by account type (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	17 250 545 126	1 342 680	NO	65 712 151	NO	NO
Entity holding	1 612 005 848	2 142 286	NO	134 148 380	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	20 549	66	NO	1 181 198	NO	NO
Retirement	908 860 033	48 338	NO	17 935 064	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	19 771 431 556	3 533 370	NO	218 976 793	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 43
Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2009, by account type (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	NO	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total	NO	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 44

Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2010, by account type (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	15 540 167 712	7 897 270	NO	42 660 072	NO	NO
Entity holding	1 865 806 792	13 854 185	NO	138 506 856	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	187 521	19 048	NO	2 117 818	NO	NO
Retirement	2 444 912 266	1 226 339	NO	102 492 442	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	19 851 074 291	22 996 842	NO	285 777 188	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 45

Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2010, by account type (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	125 516	NO	NO	303 069	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	125 516	NO	NO	303 069	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 46

Total transactions of Kyoto Protocol units carried out by the EU-15 in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		2 878 406	NO			
External transactions	256 016 303	22 865 928	NO	160 035 967	NO	NO
Total transactions	256 016 303	25 744 334	NO	160 035 967	NO	NO
<i>Subtractions</i>						
Internal transactions	3 045 378	18 982	NO	936 620	NO	NO
External transactions	173 495 162	6 280 862	NO	93 232 032	NO	NO
Total transactions	176 540 540	6 299 844	NO	94 168 652	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 47

Total transactions of Kyoto Protocol units carried out by the European Community registry in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	633 525	NO	NO	303 069	NO	NO
Total transactions	633 525	NO	NO	303 069	NO	NO
<i>Subtractions</i>						
Internal transactions	508 009	NO	NO	NO	NO	NO
External transactions	NO	NO	NO	NO	NO	NO
Total transactions	508 009	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XII. Finland

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

26. Tables 48–52 provide detailed information on Finland's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 48
Key initial accounting parameters under the Kyoto Protocol for Finland (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	71 003 509	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	355 017 545	t CO ₂ eq
Commitment period reserve after the 2010 annual review	319 515 791	t CO ₂ eq
Limitation on the additions to and subtractions from Finland's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	2 933 333	t CO ₂ eq
Limitation on the total of additions to Finland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 550 175	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 49
Finland's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	70 281 511	70 428 701	66 344 470
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	1 816 047	3 770 922	3 821 146
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-39 891 042	-37 973 054	-50 279 393

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 50
Finland's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	281 659 205	16 884	NO	175 655	NO	NO
Entity holding	34 298 085	17 500	NO	2 166 948	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	27	NO	NO	5 175	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	34 848 375	NO	NO	1 146 106	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	350 805 692	34 384	NO	3 493 884	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 51
Finland's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	243 699 633	129 710	NO	315 676	NO	NO
Entity holding	41 357 164	302 722	NO	2 208 128	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	330	NO	NO	5 178	NO	NO
Retirement	67 714 647	131 020	NO	2 517 189	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	352 771 774	563 452	NO	5 046 171	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 52
Finland's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		71 902	NO			
External transactions	16 460 784	605 544	NO	2 621 262	NO	NO
Total transactions	16 460 784	677 446	NO	2 621 262	NO	NO
<i>Subtractions</i>						
Internal transactions	72 205	NO	NO	3	NO	NO
External transactions	14 422 800	148 378	NO	1 068 975	NO	NO
Total transactions	14 495 005	148 378	NO	1 068 978	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XIII. France

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

28. Tables 53–57 provide detailed information on France’s initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 53

Key initial accounting parameters under the Kyoto Protocol for France (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	563 925 328	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 819 626 640	t CO ₂ eq
Commitment period reserve after the 2010 annual review	2 537 663 976	t CO ₂ eq
Limitation on the additions to and subtractions from France’s assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	16 133 333	t CO ₂ eq
Limitation on the total of additions to France’s assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	28 196 266	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 54

France’s emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	536 186 184	539 177 933	517 247 888
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	4 987 401	5 014 557	3 208 770
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	–83 821 465	–78 234 683	–72 172 836

Abbreviations: LULUCF = land use, land use change and forestry.

Table 55
**France's total quantities of Kyoto Protocol units by account type at the end of 2009
 (final values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 551 675 542	NO	NO	5 770	NO	NO
Entity holding	218 612 850	65 676	NO	7 639 667	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	3 202	NO	NO	75 731	NO	NO
Retirement	118 347 827	NO	NO	5 710 819	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 888 639 421	65 676	NO	13 431 987	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 56
**France's total quantities of Kyoto Protocol units by account type at the end of 2010
 (provisional values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 419 900 486	485	NO	NO	NO	NO
Entity holding	215 478 083	919 500	NO	10 946 165	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	3 361	NO	NO	193 201	NO	NO
Retirement	225 215 433	303 637	NO	9 677 815	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 860 597 363	1 223 622	NO	20 817 181	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 57
France's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		1 485 851	NO			
External transactions	320 752 919	4 730 101	NO	84 848 060	NO	NO
Total transactions	320 752 919	6 215 952	NO	84 848 060	NO	NO
<i>Subtractions</i>						
Internal transactions	1 486 010	NO	NO	117 470	NO	NO
External transactions	347 309 126	5 058 006	NO	77 462 866	NO	NO
Total transactions	348 795 136	5 058 006	NO	77 580 336	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XIV. Germany

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

30. Tables 58–62 provide detailed information on Germany's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 58
Key initial accounting parameters under the Kyoto Protocol for Germany (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	1 232 429 543	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	79	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	4 868 096 694	t CO ₂ eq
Commitment period reserve after the 2010 annual review	4 381 287 024	t CO ₂ eq
Limitation on the additions to and subtractions from Germany's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	22 733 333	t CO ₂ eq
Limitation on the total of additions to Germany's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	48 680 967	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 59
Germany's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	983 714 735	981 111 621	919 698 163
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	16 390 967	-3 396 590	-3 713 550
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-20 331 821	-20 555 933	-20 526 717

Abbreviations: LULUCF = land use, land use change and forestry.

Table 60
Germany's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	4 449 684 519	NO	NO	24 099 433	NO	NO
Entity holding	444 975 137	322 378	NO	41 317 695	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	1 423	66	NO	294 386	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	4 894 661 079	322 444	NO	65 711 514	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 61
Germany's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	3 560 634 088	405 458	NO	1 763 593	NO	NO
Entity holding	510 041 389	2 930 093	NO	34 305 426	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Other cancellation	2 194	5 663	NO	554 726	NO	NO
Retirement	854 569 558	670 990	NO	49 721 049	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	4 925 247 229	4 012 204	NO	86 344 794	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 62

Germany's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		1 320 653	NO			
External transactions	297 102 669	6 969 297	NO	64 167 793	NO	NO
Total transactions	297 102 669	8 289 950	NO	64 167 793	NO	NO
<i>Subtractions</i>						
Internal transactions	1 321 424	5 597	NO	260 340	NO	NO
External transactions	265 195 866	4 600 190	NO	43 534 513	NO	NO
Total transactions	266 517 290	4 605 787	NO	43 794 853	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XV. Greece

31. On 17 April 2008 the enforcement branch adopted a final decision indicating that Greece is not eligible to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol. Greece became fully eligible to participate in the mechanisms on 14 November 2008.

32. Tables 63–67 provide detailed information on Greece's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 63

Key initial accounting parameters under the Kyoto Protocol for Greece (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	106 987 169	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	125	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol	668 669 806	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
for the first commitment period		
Commitment period reserve after the 2010 annual review	601 802 826	t CO ₂ eq
Limitation on the additions to and subtractions from Greece's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	1 650 000	t CO ₂ eq
Limitation on the total of additions to Greece's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 686 698	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 64
Greece's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	128 519 929	128 736 390	122 724 106
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-346 746	-346 746	-350 626
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-2 044 821	-2 044 821	-1 944 710

Abbreviations: LULUCF = land use, land use change and forestry.

Table 65
Greece's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	541 738 009	NO	NO	NO	NO	NO
Entity holding	51 004 592	NO	NO	224 945	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	69 660 497	NO	NO	193 945	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	662 403 098	NO	NO	418 890	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 66
Greece's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	477 088 963	NO	NO	NO	NO	NO
Entity holding	46 608 666	228	NO	337 158	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	133 166 664	21 114	NO	327 687	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	656 864 293	21 342	NO	664 845	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 67
Greece's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	1 464 551	21 342	NO	459 643	NO	NO
Total transactions	1 464 551	21 342	NO	459 643	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	7 003 356	NO	NO	213 688	NO	NO
Total transactions	7 003 356	NO	NO	213 688	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XVI. Hungary

33. Hungary met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 30 December 2007.

34. Tables 68–72 provide detailed information on Hungary's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 68
Key initial accounting parameters under the Kyoto Protocol for Hungary (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	115 397 149	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	542 366 600	t CO ₂ eq
Commitment period reserve after the 2010 annual review	367 130 614	t CO ₂ eq
Limitation on the additions to and subtractions from Hungary's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	5 316 667	t CO ₂ eq
Limitation on the total of additions to Hungary's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	5 423 666	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 69
Hungary's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	73 426 123	73 156 346	66 783 945
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 125 095	-1 118 220	-1 072 786
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-2 784 023	-2 784 023	-1 891 824

Abbreviations: LULUCF = land use, land use change and forestry.

Table 70
Hungary's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>iCERs</i>
Party holding	511 052 896	NO	NO	1 743 894	NO	NO
Entity holding	12 523 228	NO	NO	1 205 726	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	523 576 124	NO	NO	2 949 620	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 71

Hungary's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	457 436 897	372 381	NO	2 275 578	NO	NO
Entity holding	10 949 417	373 649	NO	1 713 546	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	318	NO	NO
Retirement	49 638 997	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	518 025 311	746 030	NO	3 989 442	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 72

Hungary's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		1 352 484	NO			
External transactions	6 765 073	746 030	NO	2 069 756	NO	NO
Total transactions	6 765 073	2 098 514	NO	2 069 756	NO	NO
<i>Subtractions</i>						
Internal transactions	1 352 484	NO	NO	318	NO	NO
External transactions	10 963 402	1 352 484	NO	1 029 934	NO	NO
Total transactions	12 315 886	1 352 484	NO	1 030 252	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XVII. Iceland

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

36. Tables 73 and 74 provide detailed information on Iceland's initial accounting parameters under the Kyoto Protocol and its GHG emissions and removals. In accordance with the annex to decision 14/CMP.1, each Annex B Party is required to submit SEF tables in the year following the calendar year in which the Party first transferred or acquired Kyoto Protocol units. As at 31 December 2010, Iceland had neither transferred nor acquired any Kyoto Protocol units.

Table 73

Key initial accounting parameters under the Kyoto Protocol for Iceland (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	3 367 972	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	110	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	18 523 847	t CO ₂ eq
Commitment period reserve after the 2010 annual review	16 671 462	t CO ₂ eq
Limitation on the additions to and subtractions from Iceland's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	0	t CO ₂ eq
Limitation on the total of additions to Iceland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	185 238	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 74

Iceland's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	4 880 097	4 910 061	4 649 082
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-101 179	-114 910	-147 234

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-548 488	-430 711	-439 383

Abbreviations: LULUCF = land use, land use change and forestry.

XVIII. Ireland

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

38. Tables 75–79 provide detailed information on Ireland’s initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 75

Key initial accounting parameters under the Kyoto Protocol for Ireland (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	55 607 836	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	113	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	314 184 272	t CO ₂ eq
Commitment period reserve after the 2010 annual review	282 765 845	t CO ₂ eq
Limitation on the additions to and subtractions from Ireland’s assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	916 667	t CO ₂ eq
Limitation on the total of additions to Ireland’s assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 141 843	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 76

Ireland’s emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	67 468 893	67 817 100	62 394 847

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2008 (final values based on the 2010 submissions)	In 2008 (provisional values based on the 2011 submissions)	In 2009 (provisional values based on the 2011 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-2 641 705	-2 428 402	-2 800 074
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 77
Ireland's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	274 071 230	NO	NO	NO	NO	NO
Entity holding	21 195 872	NO	NO	6 480 622	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	245	NO	NO	NO	NO	NO
Retirement	19 668 515	NO	NO	713 192	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	314 935 862	NO	NO	7 193 814	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 78
Ireland's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	253 149 685	NO	NO	NO	NO	NO
Entity holding	21 225 739	722 440	NO	6 387 753	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	490	NO	NO	2 059	NO	NO
Retirement	36 660 229	NO	NO	936 835	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	311 036 143	722 440	NO	7 326 647	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 79

Ireland's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	5 439 324	722 440	NO	9 241 948	NO	NO
Total transactions	5 439 324	722 440	NO	9 241 948	NO	NO
<i>Subtractions</i>						
Internal transactions	245	NO	NO	2 059	NO	NO
External transactions	9 339 043	NO	NO	9 109 115	NO	NO
Total transactions	9 339 288	NO	NO	9 111 174	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XIX. Italy

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

40. Tables 80–84 provide detailed information on Italy's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 80

Key initial accounting parameters under the Kyoto Protocol for Italy (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	516 850 887	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 416 277 898	t CO ₂ eq
Commitment period reserve after the 2010 annual review	2 174 650 108	t CO ₂ eq
Limitation on the additions to and subtractions from Italy's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	50 966 667	t CO ₂ eq
Limitation on the total of additions to Italy's assigned amount resulting from	24 162 779	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol		
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 81

Italy's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	541 485 364	541 748 899	491 119 579
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 331 602	-5 940 329	-6 320 274
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-50 730 651	-51 120 261	-48 451 176

Abbreviations: LULUCF = land use, land use change and forestry.

Table 82

Italy's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 215 257 469	NO	NO	7 411 755	NO	NO
Entity holding	211 123 812	NO	NO	20 312 441	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 426 381 281	NO	NO	27 724 196	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 83
Italy's total quantities of Kyoto Protocol units by account type at the end of 2010
(provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 185 496 062	287 848	NO	15 698 709	NO	NO
Entity holding	230 840 741	2 158	NO	19 175 903	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 416 336 803	290 006	NO	34 874 612	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 84
Italy's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	182 734 218	1 340 006	NO	20 643 648	NO	NO
Total transactions	182 734 218	1 340 006	NO	20 643 648	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	192 778 696	1 050 000	NO	13 493 232	NO	NO
Total transactions	192 778 696	1 050 000	NO	13 493 232	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XX. Japan

41. Japan met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 30 December 2007.

42. Tables 85–89 provide detailed information on Japan's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 85
Key initial accounting parameters under the Kyoto Protocol for Japan (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	1 261 331 418	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	5 928 257 666	t CO ₂ eq
Commitment period reserve after the 2010 annual review	5 335 431 899	t CO ₂ eq
Limitation on the additions to and subtractions from Japan's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	238 333 333	t CO ₂ eq
Limitation on the total of additions to Japan's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	59 282 577	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 86
Japan's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	1 281 883 873	1 280 619 851	1 209 213 167
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 039 128	2 039 767	2 671 426
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-46 105 107	-46 118 524	-49 760 577

Abbreviations: LULUCF = land use, land use change and forestry.

Table 87
Japan's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	5 929 538 475	NO	NO	6 872 274	NO	NO
Entity holding	73 375 951	673 635	NO	39 725 554	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	20 864	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	23 000 000	NO	NO	36 085 909	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	6 025 914 426	673 635	NO	82 704 601	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 88

Japan's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	6 004 653 236	1 589 127	NO	27 930 560	NO	NO
Entity holding	57 781 369	822 075	NO	38 882 858	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	20 864	NO	NO
Retirement	23 000 000	NO	NO	36 085 909	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	6 085 434 605	2 411 202	NO	102 920 191	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 89

Japan's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	59 520 180	2 046 575	NO	28 193 213	NO	NO
Total transactions	59 520 180	2 046 575	NO	28 193 213	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	1	309 008	NO	7 977 623	NO	NO
Total transactions	1	309 008	NO	7 977 623	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXI. Latvia

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

44. Tables 90–94 provide detailed information on Latvia's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 90

Key initial accounting parameters under the Kyoto Protocol for Latvia (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	25 909 159	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	119 182 130	t CO ₂ eq
Commitment period reserve after the 2010 annual review	59 705 091	t CO ₂ eq
Limitation on the additions to and subtractions from Latvia's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	6 233 333	t CO ₂ eq
Limitation on the total of additions to Latvia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	1 191 821	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 91

Latvia's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	11 941 018	11 918 190	10 722 742
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	1 234 295	551 896	349 687
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-23 595 258	-23 598 815	-21 102 106

Abbreviations: LULUCF = land use, land use change and forestry.

Table 92
Latvia's total quantities of Kyoto Protocol units by account type at the end of 2009
(final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	76 211 269	NO	NO	NO	NO	NO
Entity holding	2 954 236	NO	NO	248 729	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	2 639 647	NO	NO	103 271	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	81 805 152	NO	NO	352 000	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 93
Latvia's total quantities of Kyoto Protocol units by account type at the end of 2010
(provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	78 193 510	NO	NO	NO	NO	NO
Entity holding	3 667 598	NO	NO	33 858	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	4 640 629	9 215	NO	582 871	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	86 501 737	9 215	NO	616 729	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 94
Latvia's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	21 288 603	9 215	NO	574 729	NO	NO
Total transactions	21 288 603	9 215	NO	574 729	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	16 592 018	NO	NO	310 000	NO	NO
Total transactions	16 592 018	NO	NO	310 000	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXII. Liechtenstein

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

46. Tables 95–99 provide detailed information on Liechtenstein's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 95
Key initial accounting parameters under the Kyoto Protocol for Liechtenstein (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	229 483	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 055 623	t CO ₂ eq
Commitment period reserve after the 2010 annual review	950 061	t CO ₂ eq
Limitation on the additions to and subtractions from Liechtenstein's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	183 333	t CO ₂ eq
Limitation on the total of additions to Liechtenstein's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	10 556	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 96
Liechtenstein's emissions/removals of greenhouse gases in 2008 and 2009

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2008 (final values based on the 2010 submissions)	In 2008 (provisional values based on the 2011 submissions)	In 2009 (provisional values based on the 2011 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	263 383	263 401	247 403
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-8 221	-2 848	-2 789
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 97
Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	1 034 907	NO	NO	20 000	NO	NO
Entity holding	20 716	NO	NO	9 375	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 055 623	NO	NO	29 375	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 98
Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	1 030 664	NO	NO	70 000	NO	NO
Entity holding	40 475 977	NO	NO	9 375	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	41 506 641	NO	NO	79 375	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 99

Liechtenstein's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	95 861 596	1 210 121	NO	1 900 400	NO	NO
Total transactions	95 861 596	1 210 121	NO	1 900 400	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	55 410 578	1 210 121	NO	1 850 400	NO	NO
Total transactions	55 410 578	1 210 121	NO	1 850 400	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXIII. Lithuania

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

48. Tables 100–104 provide detailed information on Lithuania's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 100

Key initial accounting parameters under the Kyoto Protocol for Lithuania (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	49 414 386	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	227 306 177	t CO ₂ eq
Commitment period reserve after the 2010 annual review	121 959 900	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Limitation on the additions to and subtractions from Lithuania's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	5 133 333	t CO ₂ eq
Limitation on the total of additions to Lithuania's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 273 062	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 101

Lithuania's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	24 326 997	24 630 554	20 390 410
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	NA	149 563	196 167
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	-4 163 536	-4 010 039

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 102

Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	211 667 698	NO	NO	466 169	NO	NO
Entity holding	3 309 036	109 301	NO	150 180	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	6 103 720	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	221 080 454	109 301	NO	616 349	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 103

Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	202 353 017	NO	NO	NO	NO	NO
Entity holding	3 963 710	512 342	NO	771 357	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	9 880 407	461 637	NO	1 550 891	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	216 197 134	973 979	NO	2 322 248	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 104

Lithuania's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		1 625 389	NO			
External transactions	3 603 211	973 979	NO	2 042 899	NO	NO
Total transactions	3 603 211	2 599 368	NO	2 042 899	NO	NO
<i>Subtractions</i>						
Internal transactions	1 625 389	NO	NO	NO	NO	NO
External transactions	6 861 142	1 734 690	NO	337 000	NO	NO
Total transactions	8 486 531	1 734 690	NO	337 000	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXIV. Luxembourg

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

50. Tables 105–109 provide detailed information on Luxembourg's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 105

Key initial accounting parameters under the Kyoto Protocol for Luxembourg (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	13 167 499	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	72	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	47 402 996	t CO ₂ eq
Commitment period reserve after the 2010 annual review	42 662 696	t CO ₂ eq
Limitation on the additions to and subtractions from Luxembourg's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	183 333	t CO ₂ eq
Limitation on the total of additions to Luxembourg's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	474 030	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 106

Luxembourg's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	12 493 938	12 259 774	11 684 385
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	64 517	64 517	63 364
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 107

Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>iCERs</i>
Party holding	44 438 433	NO	NO	869 915	NO	NO
Entity holding	2 648 467	NO	NO	134 628	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	47 086 900	NO	NO	1 004 543	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 108

Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	42 009 222	24 138	NO	1 483 909	NO	NO
Entity holding	2 806 843	NO	NO	246 416	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	4 170 237	NO	NO	110 352	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	48 986 302	24 138	NO	1 840 677	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 109

Luxembourg's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	2 697 500	24 138	NO	890 992	NO	NO
Total transactions	2 697 500	24 138	NO	890 992	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	798 098	NO	NO	54 858	NO	NO

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Total transactions	798 098	NO	NO	54 858	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXV. Monaco

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

52. Tables 110 and 111 provide detailed information on Monaco's initial accounting parameters under the Kyoto Protocol and its GHG emissions and removals. In accordance with the annex to decision 14/CMP.1, each Annex B Party is required to submit SEF tables in the year following the calendar year in which the Party first transferred or acquired Kyoto Protocol units. As at 31 December 2010, Monaco had neither transferred nor acquired any Kyoto Protocol units.

Table 110

Key initial accounting parameters under the Kyoto Protocol for Monaco (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	107 658	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	495 221	t CO ₂ eq
Commitment period reserve after the 2010 annual review	445 699	t CO ₂ eq
Limitation on the additions to and subtractions from Monaco's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	0	t CO ₂ eq
Limitation on the total of additions to Monaco's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	4 952	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 111

Monaco's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	95 499	95 574	90 939

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	NA	NA	NA
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

XXVI. Netherlands

53. 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.

54. Tables 112–116 provide detailed information on the Netherlands's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 112

Key initial accounting parameters under the Kyoto Protocol for the Netherlands (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	213 034 498	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 001 262 141	t CO ₂ eq
Commitment period reserve after the 2010 annual review	901 135 927	t CO ₂ eq
Limitation on the additions to and subtractions from the Netherlands's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	183 333	t CO ₂ eq
Limitation on the total of additions to the Netherlands's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	10 012 621	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 113
Netherlands's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	206 916 556	204 601 166	198 871 587
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	233 772	336 957	296 119
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 114
Netherlands's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	842 767 016	917 099	NO	12 458 380	NO	NO
Entity holding	85 495 450	120 109	NO	4 782 736	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	20	NO	NO
Retirement	83 512 630	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 011 775 096	1 037 208	NO	17 241 136	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 115
Netherlands's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	626 814 684	2 602 173	NO	15 103 900	NO	NO
Entity holding	115 303 838	1 168 575	NO	5 730 632	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Other cancellation	500	NO	NO	1 020	NO	NO
Retirement	287 982 275	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 030 101 297	3 770 748	NO	20 835 552	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 116
Netherlands's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	170 114 509	7 224 084	NO	53 694 569	NO	NO
Total transactions	170 114 509	7 224 084	NO	53 694 569	NO	NO
<i>Subtractions</i>						
Internal transactions	500	NO	NO	1 000	NO	NO
External transactions	151 788 308	4 490 544	NO	50 100 153	NO	NO
Total transactions	151 788 808	4 490 544	NO	50 101 153	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXVII. New Zealand

55. New Zealand met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 31 December 2007.

56. Tables 117–121 provide detailed information on New Zealand's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 117
Key initial accounting parameters under the Kyoto Protocol for New Zealand (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	61 912 947	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	309 564 733	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Commitment period reserve after the 2010 annual review	278 608 260	t CO ₂ eq
Limitation on the additions to and subtractions from New Zealand's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	3 666 667	t CO ₂ eq
Limitation on the total of additions to New Zealand's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 095 647	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 118
New Zealand's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	75 152 678	72 845 157	70 563 804
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-14 416 784	-17 098 669	-17 268 419
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 119
New Zealand's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	308 329 266	NO	NO	NO	NO	NO
Entity holding	48 449	48 098	NO	9 308	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	800	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	308 377 715	48 098	NO	10 108	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 120
New Zealand's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	307 098 445	NO	NO	NO	NO	NO
Entity holding	158 292	20 328	NO	530 220	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 689	NO	NO	800	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	307 259 426	20 328	NO	531 020	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 121
New Zealand's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		399 880	NO			
External transactions	1	20 000	NO	621 002	NO	NO
Total transactions	1	419 880	NO	621 002	NO	NO
<i>Subtractions</i>						
Internal transactions	402 569	NO	NO	NO	NO	NO
External transactions	718 410	447 650	NO	100 090	NO	NO
Total transactions	1 120 979	447 650	NO	100 090	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXVIII. Norway

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

58. Tables 122–126 provide detailed information on Norway's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 122
Key initial accounting parameters under the Kyoto Protocol for Norway (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	49 619 168	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	101	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	250 576 797	t CO ₂ eq
Commitment period reserve after the 2010 annual review	225 519 117	t CO ₂ eq
Limitation on the additions to and subtractions from Norway's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	7 333 333	t CO ₂ eq
Limitation on the total of additions to Norway's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 505 768	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 123
Norway's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	54 407 796	53 747 878	51 292 431
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-196 568	778 904	382 533
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-30 807 609	-37 613 319	-27 853 130

Abbreviations: LULUCF = land use, land use change and forestry.

Table 124
Norway's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	221 621 844	16 603	NO	190 448	NO	NO
Entity holding	10 779 888	8 129	NO	888 920	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	15 856	NO	NO	1 216	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	19 135 659	NO	NO	206 585	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	251 553 247	24 732	NO	1 287 169	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 125

Norway's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	209 331 913	87 663	NO	591 133	NO	NO
Entity holding	16 700 320	135 632	NO	4 135 693	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	24 929	NO	NO	4 715	NO	NO
Retirement	37 816 076	205 382	NO	537 881	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	263 873 238	428 677	NO	5 269 422	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 126

Norway's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	25 897 514	403 945	NO	6 079 380	NO	NO
Total transactions	25 897 514	403 945	NO	6 079 380	NO	NO
<i>Subtractions</i>						
Internal transactions	9 073	NO	NO	3 499	NO	NO
External transactions	13 577 523	NO	NO	2 097 127	NO	NO
Total transactions	13 586 596	NO	NO	2 100 626	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXIX. Poland

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

60. Tables 127–131 provide detailed information on Poland's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 127

Key initial accounting parameters under the Kyoto Protocol for Poland (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	563 442 774	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 648 181 038	t CO ₂ eq
Commitment period reserve after the 2010 annual review	1 985 230 315	t CO ₂ eq
Limitation on the additions to and subtractions from Poland's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	15 033 333	t CO ₂ eq
Limitation on the total of additions to Poland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	26 481 810	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 128

Poland's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	397 046 063	400 041 037	383 224 704
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-3 654 052	-6 478 952	-6 934 470
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-46 865 159	-42 761 372	-44 742 208

Abbreviations: LULUCF = land use, land use change and forestry.

Table 129
Poland's total quantities of Kyoto Protocol units by account type at the end of 2009
(final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 446 176 058	NO	NO	4 887 256	NO	NO
Entity holding	177 221 382	890	NO	6 132 564	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 623 397 440	890	NO	11 019 820	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 130
Poland's total quantities of Kyoto Protocol units by account type at the end of 2010
(provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 027 563 373	73 673	NO	500 000	NO	NO
Entity holding	188 178 126	1 943 728	NO	9 064 894	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	379 707 621	245 165	NO	14 927 693	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 595 449 120	2 262 566	NO	24 492 587	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 131
Poland's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		3 886 344	NO			
External transactions	24 545 108	2 244 534	NO	15 101 585	NO	NO
Total transactions	24 545 108	6 130 878	NO	15 101 585	NO	NO
<i>Subtractions</i>						
Internal transactions	3 886 344	NO	NO	NO	NO	NO
External transactions	48 607 084	3 869 202	NO	1 628 818	NO	NO
Total transactions	52 493 428	3 869 202	NO	1 628 818	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXX. Portugal

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

62. Tables 132–136 provide detailed information on Portugal's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 132
Key initial accounting parameters under the Kyoto Protocol for Portugal (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	60 147 642	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	127	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	381 937 527	t CO ₂ eq
Commitment period reserve after the 2010 annual review	343 743 774	t CO ₂ eq
Limitation on the additions to and subtractions from Portugal's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	4 033 333	t CO ₂ eq
Limitation on the total of additions to Portugal's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 819 375	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 133
Portugal's emissions/removals of greenhouse gases in 2008 and 2009

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2008 (final values based on the 2010 submissions)	In 2008 (provisional values based on the 2011 submissions)	In 2009 (provisional values based on the 2011 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	78 381 074	78 023 364	74 660 286
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	4 134 533	-1 224 115	-1 312 651
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	2 441 267	-9 293 498	-9 996 846

Abbreviations: LULUCF = land use, land use change and forestry.

Table 134
Portugal's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	321 367 458	NO	NO	NO	NO	NO
Entity holding	29 212 224	NO	NO	2 282 367	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	27 923 069	NO	NO	1 985 373	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	378 502 751	NO	NO	4 267 740	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 135
Portugal's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	289 503 297	NO	NO	NO	NO	NO
Entity holding	27 578 188	5 000	NO	3 206 403	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	54 702 713	NO	NO	3 512 905	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	371 784 198	5 000	NO	6 719 308	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 136

Portugal's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	6 349 425	5 000	NO	5 398 909	NO	NO
Total transactions	6 349 425	5 000	NO	5 398 909	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	13 067 978	NO	NO	2 947 341	NO	NO
Total transactions	13 067 978	NO	NO	2 947 341	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXI. Romania

63. Romania became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 18 September 2008. However, on 27 August 2011, the enforcement branch suspended Romania's eligibility pending the resolution of the question of implementation relating to its national system.

64. Tables 137–141 provide detailed information on Romania's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 137

Key initial accounting parameters under the Kyoto Protocol for Romania (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	278 225 022	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 279 835 099	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Commitment period reserve after the 2010 annual review	764 754 207	t CO ₂ eq
Limitation on the additions to and subtractions from Romania's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	20 166 667	t CO ₂ eq
Limitation on the total of additions to Romania's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	12 798 351	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

Table 138

Romania's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	152 950 841	149 899 007	128 745 915
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-197 775	1 040 910	-149 814
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-36 247 464	-22 974 757	-23 080 911

Abbreviations: LULUCF = land use, land use change and forestry.

Table 139

Romania's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	1 135 305 593	NO	NO	NO	NO	NO
Entity holding	45 535 367	30 174	NO	432 363	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	62 926 235	NO	NO	890 591	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 243 767 195	30 174	NO	1 322 954	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 140
Romania's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	1 058 353 551	95 977	NO	NO	NO	NO
Entity holding	50 206 314	269 132	NO	2 392 069	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	108 112 780	328 484	NO	4 293 732	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 216 672 645	693 593	NO	6 685 801	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 141
Romania's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		422 159	NO			
External transactions	24 566 842	667 312	NO	6 560 256	NO	NO
Total transactions	24 566 842	1 089 471	NO	6 560 256	NO	NO
<i>Subtractions</i>						
Internal transactions	422 159	NO	NO	NO	NO	NO
External transactions	51 239 233	426 052	NO	1 197 409	NO	NO
Total transactions	51 661 392	426 052	NO	1 197 409	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXII. Russian Federation

65. 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.

66. Tables 142–146 provide detailed information on the Russian Federation's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 142

Key initial accounting parameters under the Kyoto Protocol for the Russian Federation (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	3 323 419 064	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	16 617 095 319	t CO ₂ eq
Commitment period reserve after the 2010 annual review	11 199 765 202	t CO ₂ eq
Limitation on the additions to and subtractions from the Russian Federation's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	605 000 000	t CO ₂ eq
Limitation on the total of additions to the Russian Federation's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	166 170 953	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 143

The Russian Federation's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	2 239 953 040	2 243 477 718	2 127 354 394
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	22 513 622	18 317 639	15 024 765
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-462 469 007	-474 214 721	-534 567 753

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 144

The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>iCERs</i>
Party holding	16 617 095 319	NO	NO	NO	NO	NO
Entity holding		NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	16 617 095 319	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 145

The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	16 587 095 319	NO	NO	NO	NO	NO
Entity holding	25 793 601	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	16 612 888 920	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 146

Russian Federation's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		4 206 399	NO			
External transactions	NO	NO	NO	NO	NO	NO
Total transactions	NO	4 206 399	NO	NO	NO	NO
<i>Subtractions</i>						
Internal transactions	4 206 399	NO	NO	NO	NO	NO
External transactions	NO	4 206 399	NO	NO	NO	NO

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Total transactions	4 206 399	4 206 399	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXIII. Slovakia

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

68. Tables 147–151 provide detailed information on Slovakia's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 147

Key initial accounting parameters under the Kyoto Protocol for Slovakia (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	72 050 764	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	331 433 516	t CO ₂ eq
Commitment period reserve after the 2010 annual review	244 995 049	t CO ₂ eq
Limitation on the additions to and subtractions from Slovakia's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	9 166 667	t CO ₂ eq
Limitation on the total of additions to Slovakia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 314 335	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 148

Slovakia's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	48 999 010	48 195 211	43 393 099

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	1 350 580	-272 290	-189 124
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

Abbreviations: LULUCF = land use, land use change and forestry, NA = not applicable.

Table 149
Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>iCERs</i>
Party holding	275 198 460	NO	NO	2 115 087	NO	NO
Entity holding	23 618 911	NO	NO	857 362	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
iCER replacement for expiry	NO	NO	NO	NO		
iCER replacement for reversal in storage	NO	NO	NO	NO		NO
iCER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	298 817 371	NO	NO	2 972 449	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, iCERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 150
Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>iCERs</i>
Party holding	218 043 715	NO	NO	NO	NO	NO
Entity holding	27 880 202	18 596	NO	1 114 039	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	43 587 588	NO	NO	3 344 328	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
iCER replacement for expiry	NO	NO	NO	NO		
iCER replacement for reversal in storage	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	289 511 505	18 596	NO	4 458 367	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 151

Slovakia's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	3 162 508	18 596	NO	1 588 931	NO	NO
Total transactions	3 162 508	18 596	NO	1 588 931	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	12 468 374	NO	NO	103 013	NO	NO
Total transactions	12 468 374	NO	NO	103 013	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXIV. Slovenia

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

70. Tables 152–156 provide detailed information on Slovenia's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 152

Key initial accounting parameters under the Kyoto Protocol for Slovenia (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	20 354 042	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	93 628 593	t CO ₂ eq
Commitment period reserve after the 2010 annual review	84 265 734	t CO ₂ eq
Limitation on the additions to and subtractions from Slovenia's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	6 600 000	t CO ₂ eq
Limitation on the total of additions to Slovenia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	936 286	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 153
Slovenia's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	21 284 834	21 366 115	19 435 745
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 456 816	147 412	331 431
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-10 307 572	-10 306 656	-10 292 646

Abbreviations: LULUCF = land use, land use change and forestry.

Table 154
Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	77 199 873	NO	NO	NO	NO	NO
Entity holding	7 433 031	NO	NO	408 088	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	8 062 990	NO	NO	797 115	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	92 695 894	NO	NO	1 205 203	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 155
Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2010
(provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	68 978 470	NO	NO	NO	NO	NO
Entity holding	7 428 213	127 005	NO	147 048	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	15 595 572	169 605	NO	1 165 067	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	92 002 255	296 610	NO	1 312 115	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 156
Slovenia's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	331 407	315 610	NO	607 745	NO	NO
Total transactions	331 407	315 610	NO	607 745	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	1 025 046	19 000	NO	500 833	NO	NO
Total transactions	1 025 046	19 000	NO	500 833	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXV. Spain

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

72. Tables 157–161 provide detailed information on Spain's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 157
Key initial accounting parameters under the Kyoto Protocol for Spain (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	289 773 205	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	115	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 666 195 929	t CO ₂ eq
Commitment period reserve after the 2010 annual review	1 499 576 336	t CO ₂ eq
Limitation on the additions to and subtractions from Spain's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	12 283 333	t CO ₂ eq
Limitation on the total of additions to Spain's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	16 661 959	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 158
Spain's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	408 763 090	404 770 514	367 548 424
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-10 085 966	-6 290 402	-6 405 611
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-42 194 172	-22 167 016	-21 563 810

Abbreviations: LULUCF = land use, land use change and forestry.

Table 159
Spain's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>iCERs</i>
Party holding	1 363 394 375	77 273	NO	20 401 656	NO	NO
Entity holding	127 364 288	54 097	NO	16 088 670	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	661	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	163 437 167	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 654 196 491	131 370	NO	36 490 326	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 160
Spain's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	1 242 157 685	108 989	NO	3 006 333	NO	NO
Entity holding	119 143 623	1 742 544	NO	13 561 393	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	714	11	NO	NO	NO	NO
Retirement	274 433 603	44 240	NO	25 886 418	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 635 735 625	1 895 784	NO	42 454 144	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 161
Spain's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	42 142 441	2 411 773	NO	23 203 493	NO	NO
Total transactions	42 142 441	2 411 773	NO	23 203 493	NO	NO
<i>Subtractions</i>						
Internal transactions	53	11	NO	NO	NO	NO
External transactions	60 603 307	647 359	NO	17 239 675	NO	NO
Total transactions	60 603 360	647 370	NO	17 239 675	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXVI. Sweden

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

74. Tables 162–166 provide detailed information on Sweden's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 162

Key initial accounting parameters under the Kyoto Protocol for Sweden (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	72 151 646	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	104	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	375 188 561	t CO ₂ eq
Commitment period reserve after the 2010 annual review	321 354 810	t CO ₂ eq
Limitation on the additions to and subtractions from Sweden's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	10 633 333	t CO ₂ eq
Limitation on the total of additions to Sweden's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 751 886	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 163

Sweden's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	64 270 962	63 644 176	60 068 818
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	820 860	2 769 407	2 540 911
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-18 398 517	-37 887 321	-44 526 702

Abbreviations: LULUCF = land use, land use change and forestry.

Table 164
Sweden's total quantities of Kyoto Protocol units by account type at the end of 2009
(final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	332 606 035	NO	NO	NO	NO	NO
Entity holding	17 579 757	10 389	NO	1 305 736	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 100	NO	NO	194 312	NO	NO
Retirement	19 509 068	NO	NO	592 297	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	369 696 960	10 389	NO	2 092 345	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 165
Sweden's total quantities of Kyoto Protocol units by account type at the end of 2010
(provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	309 088 882	NO	NO	NO	NO	NO
Entity holding	24 315 524	145 848	NO	1 551 064	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	17 292	NO	NO	238 269	NO	NO
Retirement	36 592 417	NO	NO	1 021 959	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	370 014 115	145 848	NO	2 811 292	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 166
Sweden's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	21 864 507	504 364	NO	5 054 417	NO	NO
Total transactions	21 864 507	504 364	NO	5 054 417	NO	NO
<i>Subtractions</i>						
Internal transactions	15 192	NO	NO	43 957	NO	NO
External transactions	21 547 352	368 905	NO	4 335 470	NO	NO
Total transactions	21 562 544	368 905	NO	4 379 427	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXVII. Switzerland

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

76. Tables 167–171 provide detailed information on Switzerland's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 167
Key initial accounting parameters under the Kyoto Protocol for Switzerland (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	52 790 957	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	242 838 402	t CO ₂ eq
Commitment period reserve after the 2010 annual review	218 554 562	t CO ₂ eq
Limitation on the additions to and subtractions from Switzerland's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	9 166 667	t CO ₂ eq
Limitation on the total of additions to Switzerland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 428 384	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 168
Switzerland's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	53 403 096	53 442 733	51 948 867
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	137 344	241 400	241 373
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-854 106	-683 774	-1 155 544

Abbreviations: LULUCF = land use, land use change and forestry.

Table 169
Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	236 337 038	NO	NO	NO	NO	NO
Entity holding	46 635 384 1 551 318	NO	13 415 793	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	259 239	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	282 972 422 1 551 318	NO	13 675 032	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 170
Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	232 923 177	NO	NO	3 692	NO	NO
Entity holding	80 041 869 5 273 555	NO	11 828 733	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Other cancellation	12	NO	NO	455 997	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	312 965 058	5 273 555	NO	12 288 422	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 171

Switzerland's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	62 533 288	13 831 338	NO	89 445 539	NO	NO
Total transactions	62 533 288	13 831 338	NO	89 445 539	NO	NO
<i>Subtractions</i>						
Internal transactions	12	NO	NO	196 758	NO	NO
External transactions	32 540 652	10 109 101	NO	90 832 149	NO	NO
Total transactions	32 540 664	10 109 101	NO	91 028 907	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXVIII. Ukraine

77. Ukraine became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008. However, on 12 October 2011, the enforcement branch suspended Ukraine's eligibility pending the resolution of the question of implementation relating to its national system.

78. Tables 172–176 provide detailed information on Ukraine's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 172

Key initial accounting parameters under the Kyoto Protocol for Ukraine (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	920 836 933	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol	4 604 184 663	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
for the first commitment period		
Commitment period reserve after the 2010 annual review	2 144 737 386	t CO ₂ eq
Limitation on the additions to and subtractions from Ukraine's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	20 350 000	t CO ₂ eq
Limitation on the total of additions to Ukraine's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	46 041 847	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 173

Ukraine's emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	428 947 477	432 179 203	374 119 680
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 609 152	2 563 520	3 501 951
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-47 718 084	-53 298 024	-55 158 759

Abbreviations: LULUCF = land use, land use change and forestry.

Table 174

Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	4 544 470 899	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	4 544 470 899	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 175

Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	4 513 865 076	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	4 513 865 076	NO	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 176

Ukraine's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		11 286 616	NO			
External transactions	NO	237 107	NO	NO	NO	NO
Total transactions	NO	11 523 723	NO	NO	NO	NO
<i>Subtractions</i>						
Internal transactions	11 286 616	NO	NO	NO	NO	NO
External transactions	19 319 207	11 523 723	NO	NO	NO	NO
Total transactions	30 605 823	11 523 723	NO	NO	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

XXXIX. United Kingdom of Great Britain and Northern Ireland

79. The United Kingdom of Great Britain and Northern Ireland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 11 April 2008.

80. Tables 177–181 provide detailed information on the United Kingdom’s initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 177

Key initial accounting parameters under the Kyoto Protocol for the United Kingdom (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	779 904 144	t CO ₂ eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	88	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	3 412 080 630	t CO ₂ eq
Commitment period reserve after the 2010 annual review	3 070 872 567	t CO ₂ eq
Limitation on the additions to and subtractions from the United Kingdom’s assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	6 783 333	t CO ₂ eq
Limitation on the total of additions to the United Kingdom’s assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	34 120 806	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^a The total greenhouse gas emissions in the base year defined under the Kyoto Protocol for calculation of assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 178

The United Kingdom’s emissions/removals of greenhouse gases in 2008 and 2009

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2008 (final values based on the 2010 submissions)</i>	<i>In 2008 (provisional values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2011 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	633 206 211	624 083 048	570 066 414
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	–2 080 165	–2 059 277	–2 174 938
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	–10 698 386	–10 710 648	–9 797 919

Abbreviations: LULUCF = land use, land use change and forestry.

Table 179

The United Kingdom’s total quantities of Kyoto Protocol units by account type at the end of 2009 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 956 145 800	NO	NO	23 301	NO	NO
Entity holding	239 617 021	714 134	NO	19 466 508	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 497	NO	NO	610 996	NO	NO
Retirement	260 854 974	48 338	NO	4 605 119	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	3 456 620 292	762 472	NO	24 705 924	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 180

The United Kingdom's total quantities of Kyoto Protocol units by account type at the end of 2010 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 925 376 964	229 773	NO	4 840 567	NO	NO
Entity holding	385 416 709	3 738 543	NO	25 403 088	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	13 433	NO	NO	1 122 715	NO	NO
Retirement	260 854 974	48 338	NO	4 605 119	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	3 571 662 080	4 016 654	NO	35 971 489	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 181

The United Kingdom's total transactions of Kyoto Protocol units in 2010 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	579 540 623	16 586 606	NO	153 759 889	NO	NO
Total transactions	579 540 623	16 586 606	NO	153 759 889	NO	NO

Subtractions

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions	10 936	NO	NO	511 719	NO	NO
External transactions	464 498 835	13 332 424	NO	142 494 324	NO	NO
Total transactions	464 509 771	13 332 424	NO	143 006 043	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.
