



Framework Convention on Climate Change

Distr.: General
5 November 2010

English only

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

Item 10 (c) of the provisional agenda

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

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

Note by the secretariat*

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 (Annex B Parties) 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 provisional information on anthropogenic greenhouse gas emissions in 2008 from sources listed in Annex A to the Kyoto Protocol reported by Annex B Parties in 2010, and on transactions and holdings of Kyoto Protocol units for the first year (2008) and second year (2009) of the commitment period, wherein the data for 2008 have been reviewed by the expert review team and the data for 2009 are provisional. This provisional information will be finalized after completion of the 2010 annual review pursuant to decision 22/CMP.1 and the resolution of questions of implementation, if any.

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

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I. Introduction

1. Document FCCC/KP/CMP/2010/5 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). It also provides provisional information on:

(a) Total greenhouse gas (GHG) emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2008;

(b) GHG emissions and removals in 2008 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol, and from elected activities under Article 3, paragraph 4;

(c) Transactions and holdings of Kyoto Protocol units as at 31 December 2009.

2. This document contains more detail on the accounting parameters and information mentioned above for individual Annex B Parties.

3. The initial accounting parameters for Annex B Parties were established based on the information provided in their initial reports. In 2010, Annex B Parties submitted their annual information required under Article 7, paragraph 1, of the Kyoto Protocol, including additional reporting requirements defined in the annex to decision 15/CMP.1. The 2010 annual review pursuant to decision 22/CMP.1 has been initiated and was in progress at the time of preparation of this document. The annual information submitted in 2010 will be recorded in the compilation and accounting database after completion of the annual review and resolution of questions of implementation, if any. 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, including supplementary information requirements defined in decision 15/CMP.1.

II. Australia

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

5. Tables 1–4 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	108.0	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 2009 annual review	2 661 821 229	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
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 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	549 540 291	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	32 702 750	t CO ₂ eq
Afforestation and reforestation	-16 947 781	t CO ₂ eq
Deforestation	49 650 531	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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 (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	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>
certification report						
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 transactions of Kyoto Protocol units in 2009 (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	NO	NO	NO
Total transactions	NO	NO	NO	NO	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.

III. Austria

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

7. Tables 5–9 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 5

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	87.0	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 2009 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

<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 6
Austria's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	86 640 161	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-1 307 067	t CO ₂ eq
Afforestation and reforestation	-2 530 675	t CO ₂ eq
Deforestation	1 223 608	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 7
Austria's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	314 197 710	NO	NO	NO	NO	NO
Entity holding	20 628 626	NO	NO	3 234 495	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	334 826 336	NO	NO	3 234 495	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 8
Austria's total quantities of Kyoto Protocol units by account type at the end of 2009
(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	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 transactions of Kyoto Protocol units in 2009 (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	38 451 573	830 961	NO	7 219 496	NO	NO
Total transactions	38 451 573	830 961	NO	7 219 496	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	20 749 841	NO	NO	1 758 631	NO	NO
Total transactions	20 749 841	NO	NO	1 758 631	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

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

9. Tables 10–14 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 10
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	92.5	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 2009 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 11
Belgium's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	133 252 917	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	68 835	t CO ₂ eq
Afforestation and reforestation	-399 349	t CO ₂ eq
Deforestation	468 184	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 12
Belgium's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	621 413 760	NO	NO	NO	NO	NO
Entity holding	38 178 720	NO	NO	1 184 339	NO	NO
Article 3, paragraphs 3 and 4, net source 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>
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	659 592 480	NO	NO	1 184 339	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 13
Belgium's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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 transactions of Kyoto Protocol units in 2009 (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	20 822 365	108 750	NO	4 125 556	NO	NO
Total transactions	20 822 365	108 750	NO	4 125 556	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>Subtractions</i>						
Internal transactions	NO	NO	NO	578	NO	NO
External transactions	18 045 193	108 750	NO	980 360	NO	NO
Total transactions	18 045 193	108 750	NO	980 938	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

10. Bulgaria became eligible to participate in the flexibility mechanisms under the Kyoto Protocol on 25 November 2008. However, on 28 June 2010 the enforcement branch of the Compliance Committee suspended Bulgaria's eligibility pending the resolution of a question of implementation¹ relating to its national system.

11. Tables 15–19 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 15

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	92.0	per cent
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 2009 annual review	353 544 400	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.

¹ For the latest available information relating to the questions of implementation with respect to Bulgaria, see http://unfccc.int/kyoto_protocol/compliance/questions_of_implementation/items/5538.php.

Table 16
Bulgaria's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	74 317 814	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-1 093 270	t CO ₂ eq
Afforestation and reforestation	-1 366 318	t CO ₂ eq
Deforestation	273 048	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 17
Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2008 (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
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 18
Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	610 045 827	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>
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	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 transactions of Kyoto Protocol units in 2009 (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	45 001	NO	155 002	NO	NO
Total transactions	2	45 001	NO	155 002	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	2	45 001	NO	155 002	NO	NO
Total transactions	2	45 001	NO	155 002	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

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

13. Tables 20 and 21 provide detailed information on Canada'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 standard electronic format (SEF) tables in the year following the calendar year in which the Party first transferred or acquired Kyoto Protocol units. As at 31 December 2009, Canada had neither transferred nor acquired any Kyoto Protocol units.

Table 20
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	94.0	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 2009 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 21
Canada's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	734 566 320	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	13 905 766	t CO ₂ eq
Afforestation and reforestation	-737 966	t CO ₂ eq
Deforestation	14 643 732	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-11 503 326	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	-11 503 326	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

VII. Croatia

14. 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,² containing questions of implementation relating to the calculation of Croatia's assigned amount pursuant to Article 3, paragraphs 7 and 8, and the commitment period

² FCCC/IRR/2008/HRV.

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 branch's preliminary finding of non-compliance with respect to Croatia. Croatia has lodged an appeal³ against the ruling of the Compliance Committee with the Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol (CMP). This issue⁴ will be considered by the CMP at its sixth session.

VIII. Czech Republic

15. 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.

16. Tables 22–26 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 22

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	92.0	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 2009 annual review	732 161 864	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 23

The Czech Republic's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	141 433 650	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in	-111 786	t CO ₂ eq

³ The text of Croatia's appeal is available in document FCCC/KP/CMP/2010/2.

⁴ For latest available information relating to the questions of implementation with respect to Croatia, see <http://unfccc.int/kyoto_protocol/compliance/enforcement_branch/items/5456.php>.

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
2008		
Afforestation and reforestation	-271 989	t CO ₂ eq
Deforestation	160 203	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-4 413 654	t CO ₂ eq
Forest management	-4 413 654	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 24
The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	807 595 046	NO	NO	NO	NO	NO
Entity holding	56 992 508	NO	NO	4 329 134	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	864 587 554	NO	NO	4 329 134	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 25
The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 26

The Czech Republic's total transactions of Kyoto Protocol units in 2009 (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		330 302	NO			
External transactions	59 665 197	98 637	NO	7 722 832	NO	NO
Total transactions	59 665 197	428 939	NO	7 722 832	NO	NO
<i>Subtractions</i>						
Internal transactions	330 302	NO	NO	NO	NO	NO
External transactions	108 760 254	330 302	NO	6 123 076	NO	NO
Total transactions	109 090 556	330 302	NO	6 123 076	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

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

18. Tables 27–31 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 27

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	79.0	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 2009 annual review	249 155 060	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
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
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 28
Denmark's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	64 573 777	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-33 921	t CO ₂ eq
Afforestation and reforestation	-69 810	t CO ₂ eq
Deforestation	35 889	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	1 238 413	t CO ₂ eq
Forest management	293 187	t CO ₂ eq
Cropland management	863 546	t CO ₂ eq
Grazing land management	81 680	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 29
Denmark's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	253 327 684	NO	NO	148 482	NO	NO
Entity holding	40 892 515	NO	NO	3 318 774	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	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>
certification report						
Total	294 220 199	NO	NO	3 467 256	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 30

Denmark's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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 31

Denmark's total transactions of Kyoto Protocol units in 2009 (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	881 590 260	524 201	NO	32 057 896	NO	NO
Total transactions	881 590 260	524 201	NO	32 057 896	NO	NO
<i>Subtractions</i>						
Internal transactions	10 394	NO	NO	NO	NO	NO
External transactions	874 981 546	185 735	NO	33 349 553	NO	NO
Total transactions	874 991 940	185 735	NO	33 349 553	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

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

20. Tables 32–36 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 32

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	92.0	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 2009 annual review	107 253 951	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 33

Estonia's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	20 253 585	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	6 065 984	t CO ₂ eq
Afforestation and reforestation	-533 521	t CO ₂ eq
Deforestation	6 599 505	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 34
Estonia's total quantities of Kyoto Protocol units by account type at the end of 2008
(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	184 384 380	NO	NO	NO	NO	NO
Entity holding	12 826 257	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	197 210 637	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 35
Estonia's total quantities of Kyoto Protocol units by account type at the end of 2009
(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	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
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 36
Estonia's total transactions of Kyoto Protocol units in 2009 (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	309 318	44 934	NO	957	NO	NO
Total transactions	309 318	44 934	NO	957	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	1 056 151	NO	NO	NO	NO	NO
Total transactions	1 056 151	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.

XI. European Union

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

22. Tables 37–44 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-15⁵ do not include units held in the European Community registry, which are presented in separate tables.

Table 37
Key initial accounting parameters under the Kyoto Protocol for the European Union (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	92.0	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	NO	t CO ₂ eq
Commitment period reserve after the 2009 annual review	NO	t CO ₂ eq
Limitation on the additions to and subtractions from European Union'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 European Union'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

⁵ The 15 member States of the European Union are Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden and United Kingdom of Great Britain and Northern Ireland.

<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		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 38
The European Union's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	3 970 472 699	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	2 177 993	t CO ₂ eq
Afforestation and reforestation	-42 291 519	t CO ₂ eq
Deforestation	44 469 512	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-264 580 902	t CO ₂ eq
Forest management	-262 306 785	t CO ₂ eq
Cropland management	-2 270 259	t CO ₂ eq
Grazing land management	-3 858	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 39
Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2008, 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	18 147 376 437	NO	NO	8 692 470	NO	NO
Entity holding	1 521 358 730	NO	NO	130 272 542	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 717	NO	NO	489 061	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	19 668 737 884	NO	NO	139 454 073	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 40
Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2008, 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	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
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 41
Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2009, 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	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 42
Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2009, 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	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
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 43
Total transactions of Kyoto Protocol units carried out by EU-15 in 2009 (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		575 343	NO			
External transactions	204 461 841	3 634 423	NO	199 365 130	NO	NO
Total transactions	204 461 841	4 209 766	NO	199 365 130	NO	NO
<i>Subtractions</i>						
Internal transactions	593 175	66	NO	692 137	NO	NO
External transactions	101 192 826	736 131	NO	119 842 410	NO	NO
Total transactions	101 786 001	736 197	NO	120 534 547	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 transactions of Kyoto Protocol units carried out by the European Community registry in 2009 (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	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	NO	NO	NO	NO	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.

XII. Finland

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

24. Tables 45–49 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 45

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	100.0	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 2009 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 46

Finland’s emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	70 281 510	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in	1 816 047	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
2008		
Afforestation and reforestation	-1 077 083	t CO ₂ eq
Deforestation	2 893 130	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-39 891 042	t CO ₂ eq
Forest management	-39 891 042	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 47
Finland's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	318 858 851	NO	NO	51 768	NO	NO
Entity holding	33 914 666	NO	NO	1 789 331	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	2	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	352 773 544	NO	NO	1 841 101	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 48
Finland's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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
Retirement	34 848 375	NO	NO	1 146 106	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 49

Finland's total transactions of Kyoto Protocol units in 2009 (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	11 245 353	34 384	NO	2 893 121	NO	NO
Total transactions	11 245 353	34 384	NO	2 893 121	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	5 173	NO	NO
External transactions	13 213 205	NO	NO	1 240 338	NO	NO
Total transactions	13 213 205	NO	NO	1 245 511	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

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

26. Tables 51–55 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 50

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	100.0	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 2009 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	16 133 333	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Protocol		
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 51
France's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	527 026 394	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-1 242 480	t CO ₂ eq
Afforestation and reforestation	-13 591 420	t CO ₂ eq
Deforestation	12 348 940	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-83 971 205	t CO ₂ eq
Forest management	-83 971 205	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 52
France's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	2 686 250 584	NO	NO	NO	NO	NO
Entity holding	135 106 817	NO	NO	12 160 430	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 000	NO	NO	15 040	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	2 821 359 401	NO	NO	12 175 470	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 53
France's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	2 551 675 542	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 54
France's total transactions of Kyoto Protocol units in 2009 (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		431 851	NO			
External transactions	950 617 377	50 211	NO	43 751 554	NO	NO
Total transactions	950 617 377	482 062	NO	43 751 554	NO	NO
<i>Subtractions</i>						
Internal transactions	433 053	NO	NO	60 691	NO	NO
External transactions	882 905 506	416 386	NO	42 495 037	NO	NO
Total transactions	883 338 559	416 386	NO	42 555 728	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

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

28. Tables 55–59 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 55

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 2009 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 56

Germany’s emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	958 060 729	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	13 778 385	t CO ₂ eq
Afforestation and reforestation	–2 615 197	t CO ₂ eq
Deforestation	16 393 582	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	–20 331 821	t CO ₂ eq
Forest management	–20 331 821	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 57
Germany's total quantities of Kyoto Protocol units by account type at the end of 2008
(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	4 430 221 473	NO	NO	NO	NO	NO
Entity holding	445 334 075	NO	NO	40 041 182	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	215	NO	NO	100 425	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	4 875 555 763	NO	NO	40 141 607	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 58
Germany's total quantities of Kyoto Protocol units by account type at the end of 2009
(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	4 449 684 519	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 59
Germany's total transactions of Kyoto Protocol units in 2009 (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		143 492	NO			
External transactions	372 071 597	720 237	NO	52 171 623	NO	NO
Total transactions	372 071 597	863 729	NO	52 171 623	NO	NO
<i>Subtractions</i>						
Internal transactions	144 700	66	NO	193 961	NO	NO
External transactions	352 822 789	541 285	NO	26 601 716	NO	NO
Total transactions	352 967 489	541 351	NO	26 795 677	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.

XV. Greece

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

30. Tables 60–64 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 60
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	125.0	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	668 669 806	t CO ₂ eq
Commitment period reserve after the 2009 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 61
Greece's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	128 492 282	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-346 746	t CO ₂ eq
Afforestation and reforestation	-350 626	t CO ₂ eq
Deforestation	3 880	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-2 044 821	t CO ₂ eq
Forest management	-2 044 821	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 62
Greece's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	604 986 301	NO	NO	NO	NO	NO
Entity holding	63 662 745	NO	NO	53 000	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	668 649 046	NO	NO	53 000	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 63
Greece's total quantities of Kyoto Protocol units by account type at the end of 2009
(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	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 64
Greece's total transactions of Kyoto Protocol units in 2009 (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	586 163	NO	NO	380 890	NO	NO
Total transactions	586 163	NO	NO	380 890	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	6 832 111	NO	NO	15 000	NO	NO
Total transactions	6 832 111	NO	NO	15 000	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.

XVI. Hungary

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

32. Tables 65–69 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 65
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	94.0	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 2009 annual review	394 987 486	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 66
Hungary's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	73 138 653	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-1 140 701	t CO ₂ eq
Afforestation and reforestation	-1 184 210	t CO ₂ eq
Deforestation	43 509	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-3 861 859	t CO ₂ eq
Forest management	-3 861 859	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 67
Hungary's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	533 716 600	NO	NO	NO	NO	NO
Entity holding	746 000	NO	NO	610 118	NO	NO
Article 3, paragraphs 3 and 4, net source	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>
cancellation						
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	534 462 600	NO	NO	610 118	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 68
Hungary's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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
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 69
Hungary's total transactions of Kyoto Protocol units in 2009 (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		1 168 831	NO			
External transactions	6 604 399	NO	NO	2 446 028	NO	NO
Total transactions	6 604 399	1 168 831	NO	2 446 028	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>Subtractions</i>						
Internal transactions	1 168 831	NO	NO	NO	NO	NO
External transactions	16 322 044	1 168 831	NO	106 526	NO	NO
Total transactions	17 490 875	1 168 831	NO	106 526	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

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

34. Tables 70 and 71 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 2009, Iceland had neither transferred nor acquired any Kyoto Protocol units.

Table 70

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	110.0	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 2009 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 71

Iceland's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	4 880 097	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-101 179	t CO ₂ eq
Afforestation and reforestation	-101 179	t CO ₂ eq
Deforestation	0	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-548 488	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	-548 488	t CO ₂ eq

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

XVIII. Ireland

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

36. Tables 72–76 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 72

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	113.0	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 2009 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 73

Ireland’s emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto	67 439 277	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Protocol in 2008		
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-2 641 833	t CO ₂ eq
Afforestation and reforestation	-2 652 812	t CO ₂ eq
Deforestation	10 979	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 74
Ireland's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	294 214 188	NO	NO	NO	NO	NO
Entity holding	20 753 605	NO	NO	3 670 980	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	314 967 793	NO	NO	3 670 980	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 75
Ireland's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 76

Ireland's total transactions of Kyoto Protocol units in 2009 (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	3 237 702	NO	NO	9 285 054	NO	NO
Total transactions	3 237 702	NO	NO	9 285 054	NO	NO
<i>Subtractions</i>						
Internal transactions	245	NO	NO	NO	NO	NO
External transactions	3 269 633	NO	NO	5 762 220	NO	NO
Total transactions	3 269 878	NO	NO	5 762 220	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

37. Italy 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 77–81 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 77

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	94.0	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 2009 annual review	2 174 650 108	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
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 eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	24 162 779	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 78

Italy's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	541 485 364	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-1 331 602	t CO ₂ eq
Afforestation and reforestation	-1 718 046	t CO ₂ eq
Deforestation	386 444	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-50 730 651	t CO ₂ eq
Forest management	-50 730 651	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 79

Italy's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	2 232 035 444	NO	NO	NO	NO	NO
Entity holding	200 730 708	NO	NO	9 302 402	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	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>
certification report						
Total	2 432 766 152	NO	NO	9 302 402	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 80

Italy's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	2 215 257 469	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 81

Italy's total transactions of Kyoto Protocol units in 2009 (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	20 116 642	NO	NO	22 792 461	NO	NO
Total transactions	20 116 642	NO	NO	22 792 461	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	26 501 513	NO	NO	4 370 667	NO	NO
Total transactions	26 501 513	NO	NO	4 370 667	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

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

40. Tables 82–86 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 82

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	94.0	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 2009 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 83

Japan's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	1 281 883 873	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	2 039 128	t CO ₂ eq
Afforestation and reforestation	-391 950	t CO ₂ eq
Deforestation	2 431 078	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-46 105 107	t CO ₂ eq
Forest management	-45 388 900	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	-716 207	t CO ₂ eq

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

Table 84
Japan's total quantities of Kyoto Protocol units by account type at the end of 2008
(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	5 928 257 666	NO	NO	NO	NO	NO
Entity holding	16 610 517	NO	NO	41 921 040	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	2 859	NO	NO
Retirement	NO	NO	NO	348 668	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	5 944 868 183	NO	NO	42 272 567	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 85
Japan's total quantities of Kyoto Protocol units by account type at the end of 2009
(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	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
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 86
Japan's total transactions of Kyoto Protocol units in 2009 (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	81 046 243	727 940	NO	48 044 419	NO	NO
Total transactions	81 046 243	727 940	NO	48 044 419	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	18 005	NO	NO
External transactions	NO	54 305	NO	7 612 385	NO	NO
Total transactions	NO	54 305	NO	7 630 390	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

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

42. Tables 87–91 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 87
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	92.0	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 2009 annual review	53 369 492	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 88
Latvia's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	11 904 562	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-62 919	t CO ₂ eq
Afforestation and reforestation	-62 919	t CO ₂ eq
Deforestation	NA	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-29 148 590	t CO ₂ eq
Forest management	-29 148 590	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 89
Latvia's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	116 612 408	NO	NO	NO	NO	NO
Entity holding	2 752 354	NO	NO	110 000	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	119 364 762	NO	NO	110 000	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 90
Latvia's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	76 211 269	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>
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 91

Latvia's total transactions of Kyoto Protocol units in 2009 (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	234 492	NO	NO	242 000	NO	NO
Total transactions	234 492	NO	NO	242 000	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	37 794 102	NO	NO	NO	NO	NO
Total transactions	37 794 102	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.

XXII. Liechtenstein

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

44. Tables 92–96 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 92

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92.0	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 2009 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 93

Liechtenstein's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	263 383	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-8 221	t CO ₂ eq
Afforestation and reforestation	-11 879	t CO ₂ eq
Deforestation	3 658	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 94

Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	1 034 521	NO	NO	NO	NO	NO
Entity holding	21 102	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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	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 95
Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	1 034 907	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 96
Liechtenstein's total transactions of Kyoto Protocol units in 2009 (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	59 735	NO	29 375	NO	NO
Total transactions	NO	59 735	NO	29 375	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	59 735	NO	NO	NO	NO
Total transactions	NO	59 735	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.

XXIII. Lithuania

45. Lithuania 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 97–101 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 97

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	92.0	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 2009 annual review	108 768 165	t CO ₂ eq
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 98

Lithuania's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	24 326 997	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	NA	t CO ₂ eq
Afforestation and reforestation	NA	t CO ₂ eq
Deforestation	NA	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 99
Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	220 172 157	NO	NO	NO	NO	NO
Entity holding	4 775 729	NO	NO	233 751	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	224 947 886	NO	NO	233 751	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 100
Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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 101
Lithuania's total transactions of Kyoto Protocol units in 2009 (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		72 184	NO			
External transactions	2 444 021	109 301	NO	862 599	NO	NO
Total transactions	2 444 021	181 485	NO	862 599	NO	NO
<i>Subtractions</i>						
Internal transactions	72 184	NO	NO	NO	NO	NO
External transactions	6 239 269	72 184	NO	480 001	NO	NO
Total transactions	6 311 453	72 184	NO	480 001	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

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

48. Tables 102–106 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 102
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	72.0	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 2009 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 103
Luxembourg's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	12 493 938	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	NA	t CO ₂ eq
Afforestation and reforestation	NA	t CO ₂ eq
Deforestation	NA	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 104
Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	44 914 767	NO	NO	56 456	NO	NO
Entity holding	2 239 681	NO	NO	114 890	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	47 154 448	NO	NO	171 346	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 105
Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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 106

Luxembourg's total transactions of Kyoto Protocol units in 2009 (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	1 201 995	NO	NO	854 120	NO	NO
Total transactions	1 201 995	NO	NO	854 120	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	1 269 543	NO	NO	20 923	NO	NO
Total transactions	1 269 543	NO	NO	20 923	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

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

50. Tables 107 and 108 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 table in the year following the calendar year in which the Party first transferred or acquired Kyoto Protocol units. As at 31 December 2009, Monaco had neither transferred nor acquired any Kyoto Protocol units.

Table 107
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	92.0	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 2009 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 108
Monaco's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	95 486	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	NA	t CO ₂ eq
Afforestation and reforestation	NA	t CO ₂ eq
Deforestation	NA	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

XXVI. Netherlands

51. 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.

52. Tables 109–113 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 109
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	94.0	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 2009 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 110
The Netherlands's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	206 916 556	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	233 772	t CO ₂ eq
Afforestation and reforestation	-546 677	t CO ₂ eq
Deforestation	780 449	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 111
The Netherlands's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	924 505 409	NO	NO	7 230 375	NO	NO
Entity holding	80 858 465	NO	NO	9 280 513	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	1 005 363 874	NO	NO	16 510 888	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 112
The Netherlands's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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 113
The Netherlands's total transactions of Kyoto Protocol units in 2009 (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	209 068 825	1 400 858	NO	73 230 286	NO	NO
Total transactions	209 068 825	1 400 858	NO	73 230 286	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>Subtractions</i>						
Internal transactions	NO	NO	NO	20	NO	NO
External transactions	202 657 603	363 650	NO	72 500 038	NO	NO
Total transactions	202 657 603	363 650	NO	72 500 058	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

53. 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.

54. Tables 114–118 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 114

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	100.0	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
Commitment period reserve after the 2009 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 115

New Zealand's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	75 119 899	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-14 416 784	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Afforestation and reforestation	-17 327 387	t CO ₂ eq
Deforestation	2 910 603	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 116
New Zealand's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	309 420 003	NO	NO	NO	NO	NO
Entity holding	24 730	120 000	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	309 444 733	120 000	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 117
New Zealand's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 118

New Zealand's total transactions of Kyoto Protocol units in 2009 (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		496 567	NO			
External transactions	1 000	NO	NO	401 000	NO	NO
Total transactions	1 000	496 567	NO	401 000	NO	NO
<i>Subtractions</i>						
Internal transactions	496 567	NO	NO	NO	NO	NO
External transactions	571 451	568 469	NO	401 000	NO	NO
Total transactions	1 068 018	568 469	NO	401 000	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.

XXVIII. Norway

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

56. Tables 119–123 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 119

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	101.0	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 2009 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	7 333 333	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Protocol		
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 120
Norway's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	53 705 782	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-196 568	t CO ₂ eq
Afforestation and reforestation	-104 008	t CO ₂ eq
Deforestation	-92 560	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-30 807 609	t CO ₂ eq
Forest management	-30 807 609	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 121
Norway's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	250 576 797	NO	NO	51 768	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	250 576 797	NO	NO	51 768	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 122
Norway's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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
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 123
Norway's total transactions of Kyoto Protocol units in 2009 (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	15 859 036	24 732	NO	2 224 053	NO	NO
Total transactions	15 859 036	24 732	NO	2 224 053	NO	NO
<i>Subtractions</i>						
Internal transactions	15 856	NO	NO	1 216	NO	NO
External transactions	14 882 586	NO	NO	988 652	NO	NO
Total transactions	14 898 442	NO	NO	989 868	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

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

58. Tables 124–128 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 124

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	94.0	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 2009 annual review	1 942 410 776	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 125

Poland’s emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	395 558 460	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-3 517 620	t CO ₂ eq
Afforestation and reforestation	-3 671 660	t CO ₂ eq
Deforestation	154 040	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-7 298 666	t CO ₂ eq
Forest management	-7 298 666	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 126

Poland’s total quantities of Kyoto Protocol units by account type at the end of 2008 (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	2 648 181 038	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>
Entity holding	746 021	NO	NO	2 077 253	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	2 648 927 059	NO	NO	2 077 253	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 127

Poland's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	2 446 176 058	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 128

Poland's total transactions of Kyoto Protocol units in 2009 (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		113 540	NO			
External transactions	17 779 729	891	NO	9 473 211	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	17 779 729	114 431	NO	9 473 211	NO	NO
<i>Subtractions</i>						
Internal transactions	113 540	NO	NO	NO	NO	NO
External transactions	43 195 808	113 541	NO	530 644	NO	NO
Total transactions	43 309 348	113 541	NO	530 644	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

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

60. Tables 129–133 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 129

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	127.0	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 2009 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 130

Portugal's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	78 381 074	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph	4 134 533	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008		
Afforestation and reforestation	-2 742 667	t CO ₂ eq
Deforestation	6 877 200	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	2 441 267	t CO ₂ eq
Forest management	2 563 000	t CO ₂ eq
Cropland management	-36 190	t CO ₂ eq
Grazing land management	-85 543	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 131
Portugal's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	351 723 379	NO	NO	NO	NO	NO
Entity holding	25 799 792	NO	NO	1 245 397	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	377 523 171	NO	NO	1 245 397	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 132
Portugal's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 133

Portugal's total transactions of Kyoto Protocol units in 2009 (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	28 019 395	NO	NO	3 627 324	NO	NO
Total transactions	28 019 395	NO	NO	3 627 324	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	27 039 815	NO	NO	604 981	NO	NO
Total transactions	27 039 815	NO	NO	604 981	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

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

62. Tables 134–138 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 134

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	92.0	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
Commitment period reserve after the 2009 annual review	780 545 734	t CO ₂ eq
Limitation on the additions to and subtractions from Romania's assigned amount	20 166 667	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol		
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

^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 135
Romania's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	145 915 869	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-104 976	t CO ₂ eq
Afforestation and reforestation	-178 933	t CO ₂ eq
Deforestation	73 957	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-36 247 464	t CO ₂ eq
Forest management	-36 199 467	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	-47 997	t CO ₂ eq

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

Table 136
Romania's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	1 210 126 381	NO	NO	NO	NO	NO
Entity holding	65 035 033	NO	NO	16 600	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	1 275 161 414	NO	NO	16 600	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 137

Romania's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	1 135 305 593	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 138

Romania's total transactions of Kyoto Protocol units in 2009 (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	8 263 468	105 174	NO	1 325 648	NO	NO
Total transactions	8 263 468	105 174	NO	1 325 648	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	39 657 687	75 000	NO	19 294	NO	NO
Total transactions	39 657 687	75 000	NO	19 294	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

63. 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.

64. Tables 139–143 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 139

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	100.0	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 2009 annual review	10 629 794 715	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 140

The Russian Federation's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	2 229 565 149	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-6 052 901	t CO ₂ eq
Afforestation and reforestation	-6 451 211	t CO ₂ eq
Deforestation	398 310	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-428 117 571	t CO ₂ eq
Forest management	-428 117 571	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 141
The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	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	16 617 095 319	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 142
The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	16 617 095 319	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	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 143
The Russian Federation's total transactions of Kyoto Protocol units in 2009
(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	NO	NO	NO
Total transactions	NO	NO	NO	NO	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.

XXXIII. Slovakia

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

66. Tables 144–148 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 144
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	92.0	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 2009 annual review	242 974 886	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 145
Slovakia's emissions/removals of greenhouse gases in 2008 (provisional values)

Parameter	Value	Unit
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	48 831 107	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	1 350 580	t CO ₂ eq
Afforestation and reforestation	-1 701 333	t CO ₂ eq
Deforestation	3 051 913	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	NA	t CO ₂ eq
Forest management	NA	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 146
Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2008 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	284 144 497	NO	NO	NO	NO	NO
Entity holding	26 056 001	NO	NO	1 060 172	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	310 200 498	NO	NO	1 060 172	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 147
Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2009 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	275 198 460	NO	NO	2 115 087	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 148

Slovakia's total transactions of Kyoto Protocol units in 2009 (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	6 981 920	NO	NO	1 975 000	NO	NO
Total transactions	6 981 920	NO	NO	1 975 000	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	18 365 047	NO	NO	62 723	NO	NO
Total transactions	18 365 047	NO	NO	62 723	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

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

68. Tables 149–153 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 149

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92.0	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 2009 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
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 150
Slovenia's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	21 284 831	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	2 456 816	t CO ₂ eq
Afforestation and reforestation	NA	t CO ₂ eq
Deforestation	2 456 816	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-10 307 572	t CO ₂ eq
Forest management	-10 307 572	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 151
Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	85 498 165	NO	NO	NO	NO	NO
Entity holding	7 930 263	NO	NO	387 734	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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	93 428 428	NO	NO	387 734	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 152

Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	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 153

Slovenia's total transactions of Kyoto Protocol units in 2009 (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	90 598	NO	NO	1 017 469	NO	NO
Total transactions	90 598	NO	NO	1 017 469	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	823 132	NO	NO	200 000	NO	NO
Total transactions	823 132	NO	NO	200 000	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.

XXXV. Spain

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

70. Tables 154–158 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 154

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	115.0	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 2009 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 155

Spain's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	405 740 285	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-9 690 623	t CO ₂ eq
Afforestation and reforestation	-9 726 124	t CO ₂ eq
Deforestation	35 501	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-42 194 172	t CO ₂ eq
Forest management	-39 096 580	t CO ₂ eq
Cropland management	-3 097 592	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Revegetation	NA	t CO ₂ eq

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

Table 156
**Spain's total quantities of Kyoto Protocol units by account type at the end of 2008
(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	1 521 385 490	NO	NO	1 205 389	NO	NO
Entity holding	134 980 481	NO	NO	18 937 930	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	164	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	1 656 366 135	NO	NO	20 143 319	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 157
**Spain's total quantities of Kyoto Protocol units by account type at the end of 2009
(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	1 363 394 375	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
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 158

Spain's total transactions of Kyoto Protocol units in 2009 (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	67 678 802	131 370	NO	36 720 725	NO	NO
Total transactions	67 678 802	131 370	NO	36 720 725	NO	NO
<i>Subtractions</i>						
Internal transactions	497	NO	NO	NO	NO	NO
External transactions	69 848 446	NO	NO	20 373 718	NO	NO
Total transactions	69 848 943	NO	NO	20 373 718	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

71. Sweden 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 159–163 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 159

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	104.0	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 2009 annual review	337 669 705	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 160
Sweden's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	63 963 095	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	820 860	t CO ₂ eq
Afforestation and reforestation	-1 576 002	t CO ₂ eq
Deforestation	2 396 862	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-18 398 517	t CO ₂ eq
Forest management	-18 398 517	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 161
Sweden's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	354 632 957	NO	NO	NO	NO	NO
Entity holding	19 597 548	NO	NO	1 181 299	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	231	NO	NO	27 768	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	374 230 736	NO	NO	1 209 067	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 162
Sweden's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	332 606 035	NO	NO	NO	NO	NO
Entity holding	17 579 757	10 389	NO	1 305 736	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	2 100	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 163
Sweden's total transactions of Kyoto Protocol units in 2009 (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	3 893 422	27 250	NO	6 260 617	NO	NO
Total transactions	3 893 422	27 250	NO	6 260 617	NO	NO
<i>Subtractions</i>						
Internal transactions	1 869	NO	NO	166 544	NO	NO
External transactions	8 427 198	16 861	NO	5 377 339	NO	NO
Total transactions	8 429 067	16 861	NO	5 543 883	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

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

74. Tables 164–168 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 164
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	92.0	per cent

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol		
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 2009 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 165
Switzerland's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	53 223 874	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	46 941	t CO ₂ eq
Afforestation and reforestation	-35 243	t CO ₂ eq
Deforestation	82 184	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-850 168	t CO ₂ eq
Forest management	-850 168	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 166
Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	239 914 821	NO	NO	NO	NO	NO
Entity holding	23 782 823	NO	NO	18 033 992	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	117 639	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	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 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	263 697 644	NO	NO	18 151 631	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 167

Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	236 337 038	NO	NO	NO	NO	NO
Entity holding	46 635 384	1 551 318	NO	13 415 793	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

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 168

Switzerland's total transactions of Kyoto Protocol units in 2009 (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	20 744 628	2 937 304	NO	124 002 707	NO	NO
Total transactions	20 744 628	2 937 304	NO	124 002 707	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	141 600	NO	NO
External transactions	1 469 850	1 385 986	NO	128 479 306	NO	NO
Total transactions	1 469 850	1 385 986	NO	128 620 906	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

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

76. Tables 169–173 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 169

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	100.0	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	4 604 184 663	t CO ₂ eq
Commitment period reserve after the 2009 annual review	2 059 970 475	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 170

Ukraine's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	427 842 682	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-1 609 152	t CO ₂ eq
Afforestation and reforestation	-1 758 927	t CO ₂ eq
Deforestation	149 775	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-47 718 084	t CO ₂ eq
Forest management	-47 718 084	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Revegetation	NA	t CO ₂ eq

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

Table 171
Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2008
(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	4 581 864 904	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	4 581 864 904	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 172
Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2009
(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	4 544 470 899	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 173

Ukraine's total transactions of Kyoto Protocol units in 2009 (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		3 238 322	NO			
External transactions	NO	NO	NO	NO	NO	NO
Total transactions	NO	3 238 322	NO	NO	NO	NO
<i>Subtractions</i>						
Internal transactions	3 238 322	NO	NO	NO	NO	NO
External transactions	34 155 683	3 238 322	NO	NO	NO	NO
Total transactions	37 394 005	3 238 322	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

77. 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.

78. Tables 174–178 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 174

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 ^d	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	87.5	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 2009 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

<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 175
The United Kingdom's emissions/removals of greenhouse gases in 2008 (provisional values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol in 2008	631 733 344	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation) in 2008	-2 080 165	t CO ₂ eq
Afforestation and reforestation	-2 695 030	t CO ₂ eq
Deforestation	614 865	t CO ₂ eq
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol in 2008	-10 698 386	t CO ₂ eq
Forest management	-10 698 386	t CO ₂ eq
Cropland management	NA	t CO ₂ eq
Grazing land management	NA	t CO ₂ eq
Revegetation	NA	t CO ₂ eq

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

Table 176
The United Kingdom's total quantities of Kyoto Protocol units by account type at the end of 2008 (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	3 194 708 440	NO	NO	NO	NO	NO
Entity holding	258 680 286	NO	NO	24 757 580	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	80	NO	NO	345 826	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	3 453 388 806	NO	NO	25 103 406	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 177
The United Kingdom's total quantities of Kyoto Protocol units by account type at the end of 2009 (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	2 956 145 800	NO	NO	23 301	NO	NO
Entity holding	239 617 021	714 134	NO	19 466 508	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 497	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 178
The United Kingdom's total transactions of Kyoto Protocol units in 2009 (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	625 404 135	1 356 648	NO	128 934 348	NO	NO
Total transactions	625 404 135	1 356 648	NO	128 934 348	NO	NO
<i>Subtractions</i>						
Internal transactions	2 417	NO	NO	265 170	NO	NO
External transactions	622 172 649	594 176	NO	129 331 830	NO	NO
Total transactions	622 175 066	594 176	NO	129 597 000	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.