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

**Annual compilation and accounting report for Annex B
Parties under the Kyoto Protocol for 2012**

Note by the secretariat

Addendum

Compilation and accounting information by Party

Summary

This document contains detailed information on the initial accounting parameters under the Kyoto Protocol which are recorded for Parties included in Annex I to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol in the compilation and accounting database after completion of the review pursuant to decision 22/CMP.1 and the resolution of questions of implementation, if any. It also contains annual information on anthropogenic greenhouse gas (GHG) emissions in 2009 and 2010 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2009 and 2010 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol, and elected activities under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units. Some of the annual information is provisional; this will be finalized after completion of the 2012 annual review pursuant to decision 22/CMP.1 and the resolution of questions of implementation, if any.

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I. Introduction

1. Document FCCC/KP/CMP/2012/9 provides an overview of the information on annual accounting parameters for the first commitment period of the Kyoto Protocol that has been recorded in the compilation and accounting database for Parties included in Annex I to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol (Annex B Parties). This information was reported by Parties in their initial reports and in the relevant reports submitted in 2011. The information includes the following:

- (a) Final values of key initial accounting parameters under the Kyoto Protocol;
- (b) Final values for emissions/removals of greenhouse gases (GHGs) in 2009;
- (c) Total quantities of Kyoto Protocol units by account type at the end of 2010 (final values).

2. Further, with a view to presenting the latest available information, annual information reported by Parties in 2012 is provided in this document, pending the completion of the annual review under Article 8 of the Kyoto Protocol. Provisional information is provided on the following:

- (a) Total GHG emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2009 and 2010;
- (b) GHG emissions and removals in 2009 and 2010 from land use, land-use change and forestry activities under Article 3, paragraph 3, and from elected activities under Article 3, paragraph 4, of the Kyoto Protocol;
- (c) Transactions and holdings of Kyoto Protocol units as at 31 December 2011.

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

4. The annual information submitted in 2012 will be recorded in the compilation and accounting database after completion of the annual review and resolution of questions of implementation, if any.

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

II. Australia

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

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

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	547 699 841	t CO ₂ eq
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	108	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 957 579 143	t CO ₂ eq
Commitment period reserve after the 2011 annual review	2 661 821 229	t CO ₂ eq
Limitation on the additions to and subtractions from Australia's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	0	t CO ₂ eq
Limitation on the total of additions to Australia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	29 575 791	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

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

Table 2
Australia's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	545 858 288	547 478 364	543 262 747
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	26 342 035	33 670 268	27 235 065
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 3
Australia's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

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

<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	2 957 579 143	NO	NO	NO	NO	NO

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

Table 4
Australia's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	2 907 928 612	NO	23 032 901	NO	NO	NO
Entity holding	NO	NO	NO	51 000	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	49 650 531	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 957 579 143	NO	23 032 901	51 000	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 5
Australia's total transactions of Kyoto Protocol units in 2011 (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	23 032 901			
External transactions	NO	NO	NO	126 851	NO	NO
Total transactions	NO	NO	23 032 901	126 851	NO	NO
<i>Subtractions</i>						
Internal transactions	49 650 531	NO	NO	NO	NO	NO
External transactions	NO	NO	NO	75 851	NO	NO

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total transactions	49 650 531	NO	NO	75 851	NO	NO

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

III. Austria

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

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

Table 6

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	79 049 657	t CO ₂ eq
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	87	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	343 866 009	t CO ₂ eq
Commitment period reserve after the 2011 annual review	309 479 408	t CO ₂ eq
Limitation on the additions to and subtractions from Austria's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	11 550 000	t CO ₂ eq
Limitation on the total of additions to Austria's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 438 660	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

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

Table 7

Austria's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	80 058 865	79 739 349	84 593 939
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 384 476	-1 230 641	-1 258 850

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 8
Austria's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

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

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

Table 9
Austria's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	165 151 314	NO	NO	44	NO	NO
Entity holding	51 317 040	3 681 877	NO	15 264 117	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	142 272 995	8 299	NO	2 649 544	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	358 741 349	3 690 176	NO	17 913 705	NO	NO

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

Table 10

Austria's total transactions of Kyoto Protocol units in 2011 (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	12 782 145	2 826 206	NO	7 219 566	NO	NO
Total transactions	12 782 145	2 826 206	NO	7 219 566	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	8 937 629	933 442	NO	1 120 974	NO	NO
Total transactions	8 937 629	933 442	NO	1 120 974	NO	NO

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

IV. Belgium

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

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

Table 11

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	145 728 763	t CO ₂ eq
Quantified emission 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 2011 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

<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 12

Belgium's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	124 517 966	125 186 551	132 459 223
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	3 617	209 281	205 639
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 13

Belgium's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	507 869 624	NO	NO	NO	NO	NO
Entity holding	55 431 183	197 454	NO	3 800 124	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	578	NO	NO
Retirement	99 533 458	4 000	NO	2 180 260	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	662 834 265	201 454	NO	5 980 962	NO	NO

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

Table 14
Belgium's total quantities of Kyoto Protocol units by account type at the end of 2011
(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	452 249 605	NO	NO	NO	NO	NO
Entity holding	56 040 474	864 922	NO	6 476 612	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	5 510	NO	NO
Retirement	148 991 333	79 453	NO	2 746 715	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	657 281 412	944 375	NO	9 228 837	NO	NO

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

Table 15
Belgium's total transactions of Kyoto Protocol units in 2011 (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	73 279 531	8 624 162	NO	7 850 766	NO	NO
Total transactions	73 279 531	8 624 162	NO	7 850 766	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	4 932	NO	NO
External transactions	78 832 384	7 881 241	NO	4 602 891	NO	NO
Total transactions	78 832 384	7 881 241	NO	4 607 823	NO	NO

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

V. Bulgaria

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

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

Table 16

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	132 618 658	t CO ₂ eq
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	610 045 827	t CO ₂ eq
Commitment period reserve after the 2011 annual review	297 482 467	t CO ₂ eq
Limitation on the additions to and subtractions from Bulgaria’s assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	6 783 333	t CO ₂ eq
Limitation on the total of additions to Bulgaria’s assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 100 458	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

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

Table 17

Bulgaria’s emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	59 496 493	59 188 946	61 704 060
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 519 993	-1 063 308	-1 187 722
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 18
Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2010
(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	417 743 586	238 735	NO	383 370	NO	NO
Entity holding	30 860 568	NO	NO	174 787	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	69 925 286	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	518 529 440	238 735	NO	558 157	NO	NO

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

Table 19
Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2011
(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	442 937 562	941 099	NO	383 370	NO	NO
Entity holding	30 148 704	569 862	NO	1 034 436	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	60 329	NO	NO	NO	NO	NO
Retirement	100 452 793	703 855	NO	2 295 898	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	573 599 388	2 214 816	NO	3 713 704	NO	NO

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

Table 20
Bulgaria's total transactions of Kyoto Protocol units in 2011 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		2 350 806	NO			
External transactions	67 660 683	1 715 846	NO	3 715 715	NO	NO
Total transactions	67 660 683	4 066 652	NO	3 715 715	NO	NO
<i>Subtractions</i>						
Internal transactions	2 411 135	NO	NO	NO	NO	NO
External transactions	10 239 929	2 090 571	NO	560 168	NO	NO
Total transactions	12 651 064	2 090 571	NO	560 168	NO	NO

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

VI. Canada

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

15. Tables 21–25 provide detailed information on Canada's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units.

Table 21
Key initial accounting parameters under the Kyoto Protocol for Canada (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	593 998 462	t CO ₂ eq
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 791 792 771	t CO ₂ eq
Commitment period reserve after the 2011 annual review	2 512 613 494	t CO ₂ eq
Limitation on the additions to and subtractions from Canada's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	220 000 000	t CO ₂ eq
Limitation on the total of additions to Canada's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	27 917 928	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

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

Table 22
Canada's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	692 169 676	690 023 195	691 718 210
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	13 901 977	13 901 977	13 971 851
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-12 405 512	-12 405 512	-13 076 721

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 23
Canada's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	2 791 792 771	NO	NO	216 750	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	2 791 792 771	NO	NO	216 750	NO	NO

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

Table 24
Canada's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	2 791 792 771	NO	NO	331 031	NO	NO
Entity holding	NO	NO	NO	NO	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	2 791 792 771	NO	NO	331 031	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

Canada's total transactions of Kyoto Protocol units in 2011 (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	114 281	NO	NO
Total transactions	NO	NO	NO	114 281	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	NO	NO	NO	NO	NO
Total transactions	NO	NO	NO	NO	NO	NO

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

VII. Croatia

16. On 26 November 2009 the enforcement branch adopted a final decision indicating that Croatia is not eligible to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol. Croatia became fully eligible to participate in the mechanisms on 8 February 2012.

17. Tables 26–30 provide detailed information on Croatia'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 26

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	31 321 790	t CO ₂ eq
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	95	per cent

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	148 778 503	t CO ₂ eq
Commitment period reserve after the 2011 annual review	133 900 653	t CO ₂ eq
Limitation on the additions to and subtractions from Croatia's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	4 858 333	t CO ₂ eq
Limitation on the total of additions to Croatia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	1 487 785	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 27

Croatia's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	28 867 282	29 056 476	28 597 025
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-70 100	84 757	81 447
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-8 641 959	-7 989 374	-8 620 270

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 28

Croatia's total quantities of Kyoto Protocol units by account type at the end of 2010 (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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	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 29
Croatia's total quantities of Kyoto Protocol units by account type at the end of 2011 (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 30
Croatia's total transactions of Kyoto Protocol units in 2011 (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.

VIII. Czech Republic

18. 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.

19. Tables 31–35 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 31

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	893 541 801	t CO ₂ eq
Commitment period reserve after the 2011 annual review	668 014 203	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 32

The Czech Republic's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	133 602 841	135 100 672	139 523 382
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-124 482	-124 482	-115 390
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-6 441 150	-6 441 150	-5 096 223

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 33
The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	698 297 817	98 637	NO	4 870 631	NO	NO
Entity holding	81 232 797	403 031	NO	4 956 118	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	779 530 614	501 668	NO	9 826 749	NO	NO

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

Table 34
The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	452 995 786	NO	NO	NO	NO	NO
Entity holding	93 513 823	1 058 730	NO	2 659 101	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	219 835 850	754 388	NO	9 382 544	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	766 345 459	1 813 118	NO	12 041 645	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
The Czech Republic's total transactions of Kyoto Protocol units in 2011 (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		979 318	NO			
External transactions	19 017 124	2 638 491	NO	6 025 303	NO	NO
Total transactions	19 017 124	3 617 809	NO	6 025 303	NO	NO
<i>Subtractions</i>						
Internal transactions	979 318	NO	NO	NO	NO	NO
External transactions	31 222 961	2 306 359	NO	3 810 407	NO	NO
Total transactions	32 202 279	2 306 359	NO	3 810 407	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

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

21. Tables 36–40 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 36
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	79	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	276 838 955	t CO ₂ eq
Commitment period reserve after the 2011 annual review	249 155 060	t CO ₂ eq
Limitation on the additions to and subtractions from Denmark's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	916 667	t CO ₂ eq
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 37
Denmark's emissions/removals of greenhouse gases in 2009 and 2010

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	61 646 147	61 312 351	61 780 797
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-110 572	-502 237	41 054
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-1 025 658	-386 361	-2 219 837

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 38
Denmark's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

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

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

Table 39
Denmark's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	188 662 626	6 265 538	288 245	753 610	NO	NO
Entity holding	19 887 071	275 900	NO	3 099 733	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	335 864	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	156 864	13 374	NO	1 989	NO	NO
Retirement	75 940 218	1 766	NO	1 360 596	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	284 646 779	6 556 578	624 109	5 215 928	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

Denmark's total transactions of Kyoto Protocol units in 2011 (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	624 109			
External transactions	8 593 901	2 249 840	NO	3 022 739	NO	NO
Total transactions	8 593 901	2 249 840	624 109	3 022 739	NO	NO
<i>Subtractions</i>						
Internal transactions	7 657	NO	335 864	1 917	NO	NO
External transactions	6 153 093	NO	NO	84 752	NO	NO
Total transactions	6 160 750	NO	335 864	86 669	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

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

23. Tables 41–45 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 41

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	196 062 637	t CO ₂ eq
Commitment period reserve after the 2011 annual review	83 286 042	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 42

Estonia's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	16 657 208	16 424 855	20 541 610
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	235 939	253 400	253 807
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 43

Estonia's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	149 967 364	175 346	NO	NO	NO	NO
Entity holding	3 470 477	22 727	NO	957	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	210 000	NO	NO	NO	NO	NO
Retirement	23 667 710	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	177 315 551	198 073	NO	957	NO	NO

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

Table 44

Estonia's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	101 775 558	13 448	NO	NO	NO	NO
Entity holding	4 278 459	NO	NO	957	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	210 000	NO	NO	NO	NO	NO
Retirement	38 013 117	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	144 277 134	13 448	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 45

Estonia's total transactions of Kyoto Protocol units in 2011 (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		290 429	NO			
External transactions	5 443 848	44 121	NO	NO	NO	NO
Total transactions	5 443 848	334 550	NO	NO	NO	NO
<i>Subtractions</i>						
Internal transactions	290 429	NO	NO	NO	NO	NO
External transactions	38 191 836	519 175	NO	NO	NO	NO
Total transactions	38 482 265	519 175	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

24. 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.

25. Tables 46–53 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-15¹ do not include units held in the European Community registry, which are presented in separate tables.

Table 46

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	19 621 381 509	t CO ₂ eq
Commitment period reserve after the 2011 annual review	17 659 243 358	t CO ₂ eq
Limitation on the additions to and subtractions from the 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 the 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
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

Abbreviation: NO = not occurring.

^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 47

The European Union's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	3 723 858 299	3 719 154 029	3 797 613 005
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and	-14 698 032	-14 242 637	-17 347 919

¹ At the time of the deposit by the European Community of its instrument of approval to the Kyoto Protocol on 31 May 2002, the 15 member States of the European Union were Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden and United Kingdom of Great Britain and Northern Ireland.

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
deforestation)			
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-280 284 281	-236 346 868	-212 047 374

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 48
Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2010, by account type (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	15 540 203 851	7 897 270	NO	42 660 072	NO	NO
Entity holding	1 865 770 653	13 854 185	NO	138 510 396	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	187 521	19 048	NO	2 117 818	NO	NO
Retirement	2 444 912 266	1 226 339	NO	102 492 442	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	19 851 074 291	22 996 842	NO	285 780 728	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, EU-15 = the 15 member States of the European Union at the time of the deposit by the European Community of its instrument of approval to the Kyoto Protocol on 31 May 2002, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 49
Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2010, by account type (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	125 516	NO	NO	303 069	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	125 516	NO	NO	303 069	NO	NO

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

Table 50
Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2011, 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	13 299 742 924	16 737 452	24 098 870	34 080 296	NO	NO
Entity holding	2 202 295 989	59 701 697	NO	272 730 881	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	12 664 693	NO	335 864	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	225 809	26 543	NO	3 054 537	NO	NO
Retirement	4 505 208 013	13 229 345	NO	203 044 728	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	20 020 137 428	89 695 037	24 434 734	512 910 442	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, EU-15 = the 15 member States of the European Union at the time of the deposit by the European Community of its instrument of approval to the Kyoto Protocol on 31 May 2002, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 51
Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2011, 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	14 770 754	NO	NO	956 741	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total	14 770 754	NO	NO	956 741	NO	NO

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

Table 52

Total transactions of Kyoto Protocol units carried out by the EU-15 in 2011 (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		6 326 482	24 434 734			
External transactions	269 669 926	77 488 112	3 900 000	316 807 311	NO	NO
Total transactions	269 669 926	83 814 594	28 334 734	316 807 311	NO	NO
<i>Subtractions</i>						
Internal transactions	19 029 463	7 495	335 864	936 719	NO	NO
External transactions	94 280 307	17 116 399	3 900 000	89 677 597	NO	NO
Total transactions	113 309 770	17 123 894	4 235 864	90 614 316	NO	NO

Abbreviations: AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, EU-15 = the 15 member States of the European Union at the time of the deposit by the European Community of its instrument of approval to the Kyoto Protocol on 31 May 2002, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 53

Total transactions of Kyoto Protocol units carried out by the European Community registry in 2011 (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	377 706	NO	NO	653 402	NO	NO
Total transactions	377 706	NO	NO	653 402	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	5 090 000	NO	NO	NO	NO	NO
Total transactions	5 090 000	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

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

27. Tables 54–58 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 54

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	355 017 545	t CO ₂ eq
Commitment period reserve after the 2011 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 55

Finland’s emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	66 344 470	66 118 734	74 555 635
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	3 821 146	3 988 813	3 994 559
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-50 279 393	-47 277 539	-31 835 524

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 56

Finland’s total quantities of Kyoto Protocol units by account type at the end of 2010 (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	243 699 633	129 710	NO	315 676	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	41 357 164	302 722	NO	2 208 128	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	330	NO	NO	5 178	NO	NO
Retirement	67 714 647	131 020	NO	2 517 189	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	352 771 774	563 452	NO	5 046 171	NO	NO

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

Table 57

Finland's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	205 522 832	426 340	NO	593 188	NO	NO
Entity holding	41 699 708	1 033 018	NO	2 810 477	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	330	NO	NO	8 718	NO	NO
Retirement	107 097 760	281 467	NO	4 283 931	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	354 320 630	1 740 825	NO	7 696 314	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

Finland's total transactions of Kyoto Protocol units in 2011 (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		220 551	NO			
External transactions	12 163 752	1 031 814	NO	4 206 060	NO	NO
Total transactions	12 163 752	1 252 365	NO	4 206 060	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	220 551	NO	NO	3 540	NO	NO
External transactions	10 394 345	74 992	NO	1 555 917	NO	NO
Total transactions	10 614 896	74 992	NO	1 559 457	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

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

29. Tables 59–63 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 59

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 819 626 640	t CO ₂ eq
Commitment period reserve after the 2011 annual review	2 537 663 976	t CO ₂ eq
Limitation on the additions to and subtractions from France's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	16 133 333	t CO ₂ eq
Limitation on the total of additions to France's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	28 196 266	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

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

Table 60

France's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	517 247 888	514 568 024	522 372 578

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	3 208 770	6 367 764	3 294 422
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-72 172 836	-51 586 418	-44 598 695

Abbreviation: LULUCF = land use, land-use change and forestry.

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

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

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

Table 62
France's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	2 269 213 954	NO	23 810 625	NO	NO	NO
Entity holding	232 162 177	7 612 654	NO	49 762 697	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	12 664 693	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	5 501	NO	NO	274 250	NO	NO
Retirement	335 397 793	984 557	NO	14 083 319	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	2 849 444 118	8 597 211	23 810 625	64 120 266	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

France's total transactions of Kyoto Protocol units in 2011 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		2 185 413	23 810 625			
External transactions	228 287 848	17 074 662	NO	131 806 298	NO	NO
Total transactions	228 287 848	19 260 075	23 810 625	131 806 298	NO	NO
<i>Subtractions</i>						
Internal transactions	14 852 246	NO	NO	81 049	NO	NO
External transactions	237 255 680	11 886 486	NO	88 503 213	NO	NO
Total transactions	252 107 926	11 886 486	NO	88 584 262	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

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

31. Tables 64–68 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 64

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 ^d	1 232 429 543	t CO ₂ eq
Quantified emission 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 2011 annual review	4 381 287 024	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
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 65
Germany's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	919 698 163	911 802 225	936 543 817
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-3 713 550	-5 791 346	-5 824 260
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-20 526 717	-19 407 839	-19 410 305

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 66
Germany's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	3 560 634 088	405 458	NO	1 763 593	NO	NO
Entity holding	510 041 389	2 930 093	NO	34 305 426	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 194	5 663	NO	554 726	NO	NO
Retirement	854 569 558	670 990	NO	49 721 049	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total	4 925 247 229	4 012 204	NO	86 344 794	NO	NO

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

Table 67

Germany's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	3 112 267 083	4 931 830	NO	1 941 653	NO	NO
Entity holding	547 477 254	24 058 140	NO	48 262 629	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 828	13 158	NO	757 604	NO	NO
Retirement	1 273 092 585	4 865 496	NO	83 095 436	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	4 932 839 750	33 868 624	NO	134 057 322	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

Germany's total transactions of Kyoto Protocol units in 2011 (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		3 697 267	NO			
External transactions	207 943 064	34 515 185	NO	109 134 582	NO	NO
Total transactions	207 943 064	38 212 452	NO	109 134 582	NO	NO
<i>Subtractions</i>						
Internal transactions	3 697 901	7 495	NO	202 878	NO	NO
External transactions	196 653 276	8 356 032	NO	61 422 054	NO	NO
Total transactions	200 351 177	8 363 527	NO	61 624 932	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

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

33. Tables 69–73 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 69

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	125	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	668 669 806	t CO ₂ eq
Commitment period reserve after the 2011 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 70

Greece's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	122 724 106	124 692 765	118 286 730
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-350 626	-343 654	-348 534
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-1 944 710	-1 845 699	-1 854 763

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 71
**Greece's total quantities of Kyoto Protocol units by account type at the end of 2010
 (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	477 088 963	NO	NO	NO	NO	NO
Entity holding	46 608 666	228	NO	337 158	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	133 166 664	21 114	NO	327 687	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	656 864 293	21 342	NO	664 845	NO	NO

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

Table 72
**Greece's total quantities of Kyoto Protocol units by account type at the end of 2011
 (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	401 140 993	NO	NO	NO	NO	NO
Entity holding	43 121 909	4 498	NO	2 574 280	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	189 433 820	29 365	NO	3 978 140	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	633 696 722	33 863	NO	6 552 420	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 73
Greece's total transactions of Kyoto Protocol units in 2011 (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	700 242	12 521	NO	5 902 575	NO	NO
Total transactions	700 242	12 521	NO	5 902 575	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	23 867 813	NO	NO	15 000	NO	NO
Total transactions	23 867 813	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

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

35. Tables 74–78 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 74
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	542 366 600	t CO ₂ eq
Commitment period reserve after the 2011 annual review	333 919 725	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 75
Hungary's emissions/removals of greenhouse gases in 2009 and 2010

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	66 783 945	66 983 445	67 784 808
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 072 786	-1 025 618	-1 214 842
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-1 891 824	-1 891 824	-1 679 710

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 76
Hungary's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

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

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

Table 77
Hungary's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	431 729 115	137 159	9 118	2 275 578	NO	NO
Entity holding	12 791 422	819 855	NO	1 421 617	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	34 614	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	343	NO	NO
Retirement	71 093 069	485 504	NO	1 146 335	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	515 613 606	1 442 518	43 732	4 843 873	NO	NO

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

Table 78

Hungary's total transactions of Kyoto Protocol units in 2011 (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		1 645 676	3 943 732			
External transactions	6 066 545	737 489	NO	1 075 516	NO	NO
Total transactions	6 066 545	2 383 165	3 943 732	1 075 516	NO	NO
<i>Subtractions</i>						
Internal transactions	1 645 676	NO	34 614	25	NO	NO
External transactions	6 832 574	1 686 677	3 900 000	221 085	NO	NO
Total transactions	8 478 250	1 686 677	3 934 614	221 110	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

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

37. Tables 79 and 80 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 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 2011, Iceland had neither transferred nor acquired any Kyoto Protocol units.

Table 79

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 ^d	3 367 972	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	110	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	18 523 847	t CO ₂ eq
Commitment period reserve after the 2011 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 80

Iceland's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	4 649 082	4 700 224	4 542 054
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-147 234	-158 611	-171 513
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-439 383	-508 715	-515 981

Abbreviation: LULUCF = land use, land-use change and forestry.

XVIII. Ireland

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

39. Tables 81–85 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 81
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	113	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	314 184 272	t CO ₂ eq
Commitment period reserve after the 2011 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 82
Ireland's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	62 394 847	61 741 589	61 314 068
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-2 800 074	-2 797 705	-2 965 357
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 83
Ireland's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	253 149 685	NO	NO	NO	NO	NO
Entity holding	21 225 739	722 440	NO	6 387 753	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Other cancellation	490	NO	NO	2 059	NO	NO
Retirement	36 660 229	NO	NO	936 835	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	311 036 143	722 440	NO	7 326 647	NO	NO

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

Table 84

Ireland's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	231 112 024	NO	NO	NO	NO	NO
Entity holding	14 588 845	129 852	NO	9 138 714	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	735	NO	NO	2 059	NO	NO
Retirement	52 890 867	394 883	NO	1 667 332	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	298 592 471	524 735	NO	10 808 105	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

Ireland's total transactions of Kyoto Protocol units in 2011 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	5 560 581	237 295	NO	13 946 988	NO	NO
Total transactions	5 560 581	237 295	NO	13 946 988	NO	NO
<i>Subtractions</i>						
Internal transactions	245	NO	NO	NO	NO	NO
External transactions	18 004 253	435 000	NO	10 465 530	NO	NO

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total transactions	18 004 498	435 000	NO	10 465 530	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

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

41. Tables 86–90 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 86

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	93.5	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 2011 annual review	2 174 650 108	t CO ₂ eq
Limitation on the additions to and subtractions from Italy's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	50 966 667	t CO ₂ eq
Limitation on the total of additions to Italy's assigned amount resulting from 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 87

Italy's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	491 119 579	491 528 493	501 317 659
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-6 320 274	-6 278 424	-6 314 667

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-48 451 176	-34 447 797	-36 214 905

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 88
Italy's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

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

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

Table 89
Italy's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	1 602 189 698	NO	NO	NO	NO	NO
Entity holding	213 293 289	2 105 194	NO	23 852 661	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	567 758 394	752 006	NO	28 577 753	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	2 383 241 381	2 857 200	NO	52 430 414	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

Italy's total transactions of Kyoto Protocol units in 2011 (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	40 163 828	3 357 194	NO	54 089 496	NO	NO
Total transactions	40 163 828	3 357 194	NO	54 089 496	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	73 259 250	790 000	NO	36 533 694	NO	NO
Total transactions	73 259 250	790 000	NO	36 533 694	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

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

43. Tables 91–95 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 91

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	5 928 257 666	t CO ₂ eq
Commitment period reserve after the 2011 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

<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 92

Japan's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	1 209 213 167	1 207 379 827	1 257 981 874
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 671 426	2 700 055	4 396 782
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-49 760 577	-50 117 891	-54 381 921

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 93

Japan's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	6 004 653 236	1 589 127	NO	27 930 560	NO	NO
Entity holding	57 781 369	822 075	NO	38 882 858	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	20 864	NO	NO
Retirement	23 000 000	NO	NO	36 085 909	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	6 085 434 605	2 411 202	NO	102 920 191	NO	NO

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

Table 94
Japan's total quantities of Kyoto Protocol units by account type at the end of 2011
(provisional values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	6 082 407 744	2 291 242	NO	40 348 937	NO	NO
Entity holding	17 845 641	2 858 530	NO	43 676 675	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	6 123 253 385	5 149 772	NO	120 132 385	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
Japan's total transactions of Kyoto Protocol units in 2011 (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	37 834 499	3 682 191	NO	62 722 538	NO	NO
Total transactions	37 834 499	3 682 191	NO	62 722 538	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	15 719	943 621	NO	45 510 344	NO	NO
Total transactions	15 719	943 621	NO	45 510 344	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

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

45. Tables 96–100 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 96
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	119 182 130	t CO ₂ eq
Commitment period reserve after the 2011 annual review	53 677 339	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 97
Latvia's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	10 735 468	10 961 900	12 077 034
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	349 688	-97 522	-146 495
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-21 102 106	-21 102 106	-17 309 082

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 98
Latvia's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	78 193 510	NO	NO	NO	NO	NO
Entity holding	3 667 598	NO	NO	33 858	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	4 640 629	9 215	NO	582 871	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	86 501 737	9 215	NO	616 729	NO	NO

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

Table 99

Latvia's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	74 671 083	NO	NO	NO	NO	NO
Entity holding	2 756 343	8 299	NO	7 761	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	7 651 222	27 222	NO	794 451	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	85 078 648	35 521	NO	802 212	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

Latvia's total transactions of Kyoto Protocol units in 2011 (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	20 132	26 932	NO	189 483	NO	NO
Total transactions	20 132	26 932	NO	189 483	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	1 443 221	626	NO	4 000	NO	NO

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total transactions	1 443 221	626	NO	4 000	NO	NO

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

XXII. Liechtenstein

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

47. Tables 101–105 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 101

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	229 483	t CO ₂ eq
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 055 623	t CO ₂ eq
Commitment period reserve after the 2011 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 102

Liechtenstein's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	247 403	248 535	233 172

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-2 789	-2 789	-3 114
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 103
Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	1 030 664	NO	NO	70 000	NO	NO
Entity holding	40 475 977	NO	NO	9 375	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	41 506 641	NO	NO	79 375	NO	NO

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

Table 104
Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	1 000 966	NO	8 221	180 429	NO	NO
Entity holding	231 268	NO	NO	3 759	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	3 658	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	

<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	1 232 234	NO	11 879	184 188	NO	NO

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

Table 105

Liechtenstein's total transactions of Kyoto Protocol units in 2011 (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	11 879			
External transactions	1 937 672	1 221 124	NO	3 715 313	NO	NO
Total transactions	1 937 672	1 221 124	11 879	3 715 313	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	3 658	NO	NO	NO
External transactions	42 212 079	1 221 124	NO	3 610 500	NO	NO
Total transactions	42 212 079	1 221 124	3 658	3 610 500	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

48. Lithuania met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008. On 21 December 2011 the enforcement branch of the Compliance Committee suspended Lithuania's eligibility to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol. Lithuania's eligibility was reinstated on 24 October 2012.

49. Tables 106–110 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 106

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	227 306 177	t CO ₂ eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Commitment period reserve after the 2011 annual review	102 091 669	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 107

Lithuania's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	20 418 334	20 672 836	21 521 492
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	196 167	-72 964	-161 434
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-4 010 039	-11 207 373	-12 068 063

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 108

Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	202 353 017	NO	NO	NO	NO	NO
Entity holding	3 963 710	512 342	NO	771 357	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	9 880 407	461 637	NO	1 550 891	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total	216 197 134	973 979	NO	2 322 248	NO	NO

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

Table 109

Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	160 163 624	41 993	NO	NO	NO	NO
Entity holding	6 036 077	2 502 312	NO	755 932	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	15 443 469	645 015	NO	2 198 905	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	181 643 170	3 189 320	NO	2 954 837	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 110

Lithuania's total transactions of Kyoto Protocol units in 2011 (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		1 643 504	NO			
External transactions	4 127 961	714 506	NO	1 078 419	NO	NO
Total transactions	4 127 961	2 358 010	NO	1 078 419	NO	NO
<i>Subtractions</i>						
Internal transactions	1 643 504	NO	NO	NO	NO	NO
External transactions	37 038 421	142 669	NO	445 830	NO	NO
Total transactions	38 681 925	142 669	NO	445 830	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

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

51. Tables 111–115 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 111

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	72	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	47 402 996	t CO ₂ eq
Commitment period reserve after the 2011 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 112

Luxembourg's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	11 684 385	11 515 121	12 075 340
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	63 364	63 364	47 092
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 113
Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	42 009 222	24 138	NO	1 483 909	NO	NO
Entity holding	2 806 843	NO	NO	246 416	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	4 170 237	NO	NO	110 352	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	48 986 302	24 138	NO	1 840 677	NO	NO

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

Table 114
Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	41 524 876	39 832	NO	1 848 635	NO	NO
Entity holding	2 718 698	198 529	NO	325 924	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	6 235 255	NO	NO	297 996	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	50 478 829	238 361	NO	2 472 555	NO	NO

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

Table 115
Luxembourg's total transactions of Kyoto Protocol units in 2011 (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	2 242 062	231 487	NO	659 496	NO	NO
Total transactions	2 242 062	231 487	NO	659 496	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	749 535	17 264	NO	27 618	NO	NO
Total transactions	749 535	17 264	NO	27 618	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

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

53. Tables 116 and 117 provide detailed information on Monaco's initial accounting parameters under the Kyoto Protocol and its GHG emissions and removals. In accordance with the annex to decision 14/CMP.1, each Annex B Party is required to submit SEF tables in the year following the calendar year in which the Party first transferred or acquired Kyoto Protocol units. As at 31 December 2011, Monaco had neither transferred nor acquired any Kyoto Protocol units.

Table 116
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	495 221	t CO ₂ eq
Commitment period reserve after the 2011 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 117
Monaco's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	90 939	90 939	87 792
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	NA	NA	NA
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

XXVI. Netherlands

54. 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.

55. Tables 118–122 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 118
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 001 262 141	t CO ₂ eq
Commitment period reserve after the 2011 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 119
The Netherlands's emissions/removals of greenhouse gases in 2009 and 2010

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	199 072 573	198 931 065	210 053 016
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	296 119	345 376	362 353
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 120
The Netherlands's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	626 814 684	2 602 173	NO	15 103 900	NO	NO
Entity holding	115 303 838	1 168 575	NO	5 730 632	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	500	NO	NO	1 020	NO	NO
Retirement	287 982 275	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 030 101 297	3 770 748	NO	20 835 552	NO	NO

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

Table 121
The Netherlands's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	533 219 656	4 866 337	NO	23 172 040	NO	NO
Entity holding	151 872 020	2 045 856	NO	18 375 603	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	3 979	NO	NO	61 174	NO	NO
Retirement	372 393 398	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	1 057 489 053	6 912 193	NO	41 608 817	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

The Netherlands's total transactions of Kyoto Protocol units in 2011 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	170 188 640	15 422 217	NO	86 068 263	NO	NO
Total transactions	170 188 640	15 422 217	NO	86 068 263	NO	NO
<i>Subtractions</i>						
Internal transactions	3 479	NO	NO	60 154	NO	NO
External transactions	142 800 884	12 280 772	NO	65 294 998	NO	NO
Total transactions	142 804 363	12 280 772	NO	65 355 152	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

56. 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.

57. Tables 123–127 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 123

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	309 564 733	t CO ₂ eq
Commitment period reserve after the 2011 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 124

New Zealand's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	70 563 804	71 482 868	71 657 158
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-17 268 419	-17 835 269	-18 307 068
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

Table 125

New Zealand's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	307 098 445	NO	NO	NO	NO	NO
Entity holding	158 292	20 328	NO	530 220	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 689	NO	NO	800	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	

<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	307 259 426	20 328	NO	531 020	NO	NO

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

Table 126
New Zealand's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	305 642 697	NO	NO	133 150	NO	NO
Entity holding	594 582	530 346	3 900 000	2 801 704	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	11 206	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	306 248 485	530 346	3 900 000	2 935 654	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
New Zealand's total transactions of Kyoto Protocol units in 2011 (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		1 022 471	NO			
External transactions	18 530	709 460	3 900 000	4 396 232	NO	NO
Total transactions	18 530	1 731 931	3 900 000	4 396 232	NO	NO
<i>Subtractions</i>						
Internal transactions	1 030 988	NO	NO	NO	NO	NO
External transactions	7 000	1 221 913	NO	1 991 598	NO	NO
Total transactions	1 037 988	1 221 913	NO	1 991 598	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

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

59. Tables 128–132 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 128

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	101	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	250 576 797	t CO ₂ eq
Commitment period reserve after the 2011 annual review	225 519 117	t CO ₂ eq
Limitation on the additions to and subtractions from Norway's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	7 333 333	t CO ₂ eq
Limitation on the total of additions to Norway's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 505 768	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

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

Table 129

Norway's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	51 292 431	51 470 472	53 895 679
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	382 533	368 640	935 493
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-27 853 130	-29 924 196	-36 518 743

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 130
Norway's total quantities of Kyoto Protocol units by account type at the end of 2010
(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	209 331 913	87 663	NO	591 133	NO	NO
Entity holding	16 700 320	135 632	NO	4 135 693	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	24 929	NO	NO	4 715	NO	NO
Retirement	37 816 076	205 382	NO	537 881	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	263 873 238	428 677	NO	5 269 422	NO	NO

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

Table 131
Norway's total quantities of Kyoto Protocol units by account type at the end of 2011
(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	197 478 782	95 123	NO	2 284 852	NO	NO
Entity holding	18 785 282	309 303	NO	2 942 117	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	32 966	NO	NO	60 305	NO	NO
Retirement	53 778 590	343 518	NO	3 770 523	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	270 075 620	747 944	NO	9 057 797	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
Norway's total transactions of Kyoto Protocol units in 2011 (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	15 847 299	407 905	NO	5 824 170	NO	NO
Total transactions	15 847 299	407 905	NO	5 824 170	NO	NO
<i>Subtractions</i>						
Internal transactions	8 037	NO	NO	55 590	NO	NO
External transactions	9 644 917	88 638	NO	2 035 795	NO	NO
Total transactions	9 652 954	88 638	NO	2 091 385	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

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

61. Tables 133–137 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 133
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 648 181 038	t CO ₂ eq
Commitment period reserve after the 2011 annual review	1 916 123 521	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 134
Poland's emissions/removals of greenhouse gases in 2009 and 2010

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	383 224 704	381 769 667	400 865 394
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-6 934 470	-9 433 873	-9 813 456
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-44 742 208	-42 570 428	-42 189 511

Abbreviation: LULUCF = land use, land-use change and forestry.

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

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

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

Table 136
Poland's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	1 807 357 553	39 940	NO	622 258	NO	NO
Entity holding	180 897 200	4 413 536	NO	19 055 773	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	564 089 355	2 061 462	NO	28 839 820	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	2 552 344 108	6 514 938	NO	48 517 851	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

Poland's total transactions of Kyoto Protocol units in 2011 (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		3 940 154	NO			
External transactions	37 148 144	4 716 283	NO	24 982 121	NO	NO
Total transactions	37 148 144	8 656 437	NO	24 982 121	NO	NO
<i>Subtractions</i>						
Internal transactions	3 940 154	NO	NO	NO	NO	NO
External transactions	76 313 002	4 404 065	NO	956 857	NO	NO
Total transactions	80 253 156	4 404 065	NO	956 857	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

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

63. Tables 138–142 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 138

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	127	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	381 937 527	t CO ₂ eq
Commitment period reserve after the 2011 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 139

Portugal's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	74 660 286	74 371 586	70 599 091
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 312 651	-1 890 831	-1 949 805
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-9 996 846	-11 952 981	-9 988 136

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 140

Portugal's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	289 503 297	NO	NO	NO	NO	NO
Entity holding	27 578 188	5 000	NO	3 206 403	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	54 702 713	NO	NO	3 512 905	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	371 784 198	5 000	NO	6 719 308	NO	NO

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

Table 141
Portugal's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	255 539 763	NO	NO	NO	NO	NO
Entity holding	32 710 074	92 811	NO	4 623 936	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	77 268 429	319 988	NO	4 791 250	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	365 518 266	412 799	NO	9 415 186	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
Portugal's total transactions of Kyoto Protocol units in 2011 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	5 540 053	600 714	NO	6 791 635	NO	NO
Total transactions	5 540 053	600 714	NO	6 791 635	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	11 805 985	192 915	NO	4 095 757	NO	NO
Total transactions	11 805 985	192 915	NO	4 095 757	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

64. Romania met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 18 September 2008. On 27 August 2011, the enforcement branch of the Compliance Committee suspended Romania's eligibility to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol. Romania's eligibility was reinstated on 13 July 2012.

65. Tables 143–147 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 143

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 279 835 099	t CO ₂ eq
Commitment period reserve after the 2011 annual review	649 476 664	t CO ₂ eq
Limitation on the additions to and subtractions from Romania's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	20 166 667	t CO ₂ eq
Limitation on the total of additions to Romania's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	12 798 351	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

^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 144

Romania's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	129 895 333	125 263 619	123 001 260
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-883 073	125 311	102 261

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-22 985 791	-22 993 414	-22 468 156

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 145
Romania's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

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

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

Table 146
Romania's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	980 052 706	800 000	NO	NO	NO	NO
Entity holding	31 126 022	1 058 189	NO	2 598 505	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	147 124 110	4 479 948	NO	8 618 591	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 158 302 838	6 338 137	NO	11 217 096	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

Romania's total transactions of Kyoto Protocol units in 2011 (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		3 216 505	NO			
External transactions	6 730 203	5 729 857	NO	5 785 404	NO	NO
Total transactions	6 730 203	8 946 362	NO	5 785 404	NO	NO
<i>Subtractions</i>						
Internal transactions	3 216 505	NO	NO	NO	NO	NO
External transactions	61 883 505	3 301 818	NO	1 254 109	NO	NO
Total transactions	65 100 010	3 301 818	NO	1 254 109	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

66. 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.

67. Tables 148–152 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 148

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	16 617 095 319	t CO ₂ eq
Commitment period reserve after the 2011 annual review	10 636 771 969	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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
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 149

The Russian Federation's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	2 127 354 394	2 112 053 422	2 207 596 177
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	15 024 765	16 836 193	16 107 353
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-534 567 753	-538 900 598	-548 411 212

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 150

The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	16 587 095 319	NO	NO	NO	NO	NO
Entity holding	25 793 601	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total	16 612 888 920	NO	NO	NO	NO	NO

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

Table 151

The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	16 497 081 029	NO	4 093 685	NO	NO	NO
Entity holding	65 426 860	4 302 755	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	26 607 307	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	16 589 115 196	4 302 755	4 093 685	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 152

The Russian Federation's total transactions of Kyoto Protocol units in 2011 (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		23 773 724	4 093 685			
External transactions	NO	NO	NO	NO	NO	NO
Total transactions	NO	23 773 724	4 093 685	NO	NO	NO
<i>Subtractions</i>						
Internal transactions	50 381 031	NO	NO	NO	NO	NO
External transactions	NO	19 470 969	NO	NO	NO	NO
Total transactions	50 381 031	19 470 969	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

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

69. Tables 153–157 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 153

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	331 433 516	t CO ₂ eq
Commitment period reserve after the 2011 annual review	217 195 645	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 154

Slovakia's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	43 439 129 ^a	44 191 069	45 981 866
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-189 124	-187 081	-331 360

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA	NA	NA

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

^a This value includes adjustments recommended by the expert review team during the review of Slovakia's 2011 submission which the enforcement branch of the Compliance Committee decided to apply through its decision of 14 July 2012 (document CC-2012-1-6/Slovakia/EB).

Table 155

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

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	218 043 715	NO	NO	NO	NO	NO
Entity holding	27 880 202	18 596	NO	1 114 039	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	43 587 588	NO	NO	3 344 328	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	289 511 505	18 596	NO	4 458 367	NO	NO

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

Table 156

Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	184 577 328	NO	NO	NO	NO	NO
Entity holding	28 781 180	32 697	NO	904 375	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	61 405 910	11 899	NO	7 707 408	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	274 764 418	44 596	NO	8 611 783	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

Slovakia's total transactions of Kyoto Protocol units in 2011 (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	12 208 450	412 000	NO	8 432 138	NO	NO
Total transactions	12 208 450	412 000	NO	8 432 138	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	26 955 537	386 000	NO	4 278 722	NO	NO
Total transactions	26 955 537	386 000	NO	4 278 722	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

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

71. Tables 158–162 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 158

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 ^d	20 354 042	t CO ₂ eq
Quantified emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	93 628 593	t CO ₂ eq
Commitment period reserve after the 2011 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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
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 159

Slovenia's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	19 435 745	19 469 248	19 522 127
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	331 431	316 707	359 429
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-10 292 646	-10 305 137	-10 307 986

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 160

Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	68 978 470	NO	NO	NO	NO	NO
Entity holding	7 428 213	127 005	NO	147 048	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	15 595 572	169 605	NO	1 165 067	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Total	92 002 255	296 610	NO	1 312 115	NO	NO

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

Table 161

Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	60 769 496	NO	NO	NO	NO	NO
Entity holding	7 886 543	372 163	NO	175 237	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	23 221 951	548 673	NO	1 286 367	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	91 877 990	920 836	NO	1 461 604	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

Slovenia's total transactions of Kyoto Protocol units in 2011 (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	1 155 971	873 336	NO	966 097	NO	NO
Total transactions	1 155 971	873 336	NO	966 097	NO	NO
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	1 280 236	249 110	NO	816 608	NO	NO
Total transactions	1 280 236	249 110	NO	816 608	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

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

73. Tables 163–167 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 163

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	115	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 666 195 929	t CO ₂ eq
Commitment period reserve after the 2011 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 164

Spain's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	369 490 249	366 266 171	355 897 710
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-6 405 611	-6 378 804	-6 379 211
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-21 563 810	-21 048 078	-21 505 856

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 165
Spain's total quantities of Kyoto Protocol units by account type at the end of 2010
(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	1 242 157 685	108 989	NO	3 006 333	NO	NO
Entity holding	119 143 623	1 742 544	NO	13 561 393	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	714	11	NO	NO	NO	NO
Retirement	274 433 603	44 240	NO	25 886 418	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	1 635 735 625	1 895 784	NO	42 454 144	NO	NO

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

Table 166
Spain's total quantities of Kyoto Protocol units by account type at the end of 2011
(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	1 110 942 733	207 575	NO	5 771 126	NO	NO
Entity holding	158 087 693	8 996 192	NO	27 447 064	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	722	11	NO	NO	NO	NO
Retirement	380 311 687	3 616 781	NO	38 060 034	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	1 649 342 835	12 820 559	NO	71 278 224	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
Spain's total transactions of Kyoto Protocol units in 2011 (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		223 251	NO			
External transactions	56 551 695	14 789 438	NO	49 727 917	NO	NO
Total transactions	56 551 695	15 012 689	NO	49 727 917	NO	NO
<i>Subtractions</i>						
Internal transactions	223 259	NO	NO	NO	NO	NO
External transactions	42 721 234	4 087 914	NO	20 903 837	NO	NO
Total transactions	42 944 493	4 087 914	NO	20 903 837	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

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

75. Tables 168–172 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 168
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	104	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	375 188 561	t CO ₂ eq
Commitment period reserve after the 2011 annual review	300 344 090	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 169
Sweden's emissions/removals of greenhouse gases in 2009 and 2010

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	60 068 818	59 709 911	66 271 363
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 540 911	2 237 379	1 969 775
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-44 526 702	-38 611 435	-36 927 189

Abbreviation: LULUCF = land use, land-use change and forestry.

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

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

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

Table 171
Sweden's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	286 481 641	NO	NO	NO	NO	NO
Entity holding	21 598 283	1 165 527	NO	3 642 178	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	18 621	NO	NO	405 587	NO	NO
Retirement	58 438 679	476	NO	1 813 123	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	366 537 224	1 166 003	NO	5 860 888	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 172
Sweden's total transactions of Kyoto Protocol units in 2011 (provisional values)

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	5 843 569	1 489 433	NO	13 028 604	NO	NO
Total transactions	5 843 569	1 489 433	NO	13 028 604	NO	NO
<i>Subtractions</i>						
Internal transactions	1 329	NO	NO	167 318	NO	NO
External transactions	9 320 460	469 278	NO	9 979 008	NO	NO
Total transactions	9 321 789	469 278	NO	10 146 326	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.

XXXVII. Switzerland

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

77. Tables 173–177 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 173
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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	242 838 402	t CO ₂ eq
Commitment period reserve after the 2011 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 174

Switzerland's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	51 950 942	52 435 351	54 220 081
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	241 373	220 606	215 415
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-1 152 820	-1 122 656	-850 384

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 175

Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2010 (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	232 923 177	NO	NO	3 692	NO	NO
Entity holding	80 041 869	5 273 555	NO	11 828 733	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	12	NO	NO	455 997	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		

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

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

Table 176
Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2011 (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	229 124 568	NO	889 349	28 740	NO	NO
Entity holding	61 584 711	7 637 735	NO	21 331 575	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	172 587	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	20	NO	NO	578 809	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	290 881 886	7 637 735	889 349	21 939 124	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
Switzerland's total transactions of Kyoto Protocol units in 2011 (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	889 349			
External transactions	28 605 616	48 645 038	NO	87 585 470	NO	NO
Total transactions	28 605 616	48 645 038	889 349	87 585 470	NO	NO
<i>Subtractions</i>						
Internal transactions	172 595	NO	NO	122 812	NO	NO
External transactions	50 688 788	46 280 858	NO	77 934 768	NO	NO
Total transactions	50 861 383	46 280 858	NO	78 057 580	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

78. Ukraine met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008. On 12 October 2011, the enforcement branch of the Compliance Committee suspended Ukraine's eligibility to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol. Ukraine's eligibility was reinstated on 9 March 2012.

79. Tables 178–182 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 178

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 emission limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	4 604 184 663	t CO ₂ eq
Commitment period reserve after the 2011 annual review	1 870 598 400	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 179

Ukraine's emissions/removals of greenhouse gases in 2009 and 2010

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO₂ eq)</i>		
	<i>In 2009 (final values based on the 2011 submissions)</i>	<i>In 2009 (provisional values based on the 2012 submissions)</i>	<i>In 2010 (provisional values based on the 2012 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	374 119 680	365 275 833	383 181 582
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	3 501 951	-453 416	-505 304
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-55 158 759	-58 197 855	-55 816 816

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 180
Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2010
(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	4 513 865 076	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
Total	4 513 865 076	NO	NO	NO	NO	NO

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

Table 181
Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2011
(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	4 445 002 700	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	4 445 002 700	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 182
Ukraine's total transactions of Kyoto Protocol units in 2011 (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		48 332 099	NO			
External transactions	NO	NO	NO	NO	NO	NO
Total transactions	NO	48 332 099	NO	NO	NO	NO
<i>Subtractions</i>						
Internal transactions	48 332 099	NO	NO	NO	NO	NO
External transactions	20 530 277	48 332 099	NO	NO	NO	NO
Total transactions	68 862 376	48 332 099	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

80. 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.

81. Tables 183–187 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 183
Key initial accounting parameters under the Kyoto Protocol for the United Kingdom (final values)

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions ^a	779 904 144	t CO ₂ eq
Quantified emission 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 2011 annual review	3 070 872 567	t CO ₂ eq
Limitation on the additions to and subtractions from the United Kingdom's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	6 783 333	t CO ₂ eq
Limitation on the total of additions to the United Kingdom's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	34 120 806	t CO ₂ eq
Limit on additional removal units a Party may issue due to cancellations (emissions) under Article 3, paragraph 3, of the Kyoto Protocol	165	Mt CO ₂ eq

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

Table 184
The United Kingdom's emissions/removals of greenhouse gases in 2009 and 2010

Parameter	Emissions/removals of greenhouse gases (t CO ₂ eq)		
	In 2009 (final values based on the 2011 submissions)	In 2009 (provisional values based on the 2012 submissions)	In 2010 (provisional values based on the 2012 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	572 151 151	576 127 030	594 021 499
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-2 174 938	-2 240 969	-2 222 128
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-9 797 919	-9 782 567	-7 490 599

Abbreviation: LULUCF = land use, land-use change and forestry.

Table 185
The United Kingdom's total quantities of Kyoto Protocol units by account type at the end of 2010 (final values)

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

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

Table 186
The United Kingdom's total quantities of Kyoto Protocol units by account type at the end of 2011 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	2 444 524 126	NO	NO	NO	NO	NO
Entity holding	615 721 454	7 436 727	NO	57 074 256	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	36 229	NO	NO	1 537 646	NO	NO
Retirement	717 684 800	1 894 808	NO	15 639 559	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	3 777 966 609	9 331 535	NO	74 251 461	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 187

The United Kingdom's total transactions of Kyoto Protocol units in 2011 (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	516 792 658	69 087 318	3 900 000	313 026 233	NO	NO
Total transactions	516 792 658	69 087 318	3 900 000	313 026 233	NO	NO
<i>Subtractions</i>						
Internal transactions	22 796	NO	NO	414 931	NO	NO
External transactions	310 488 129	63 772 437	3 900 000	274 746 261	NO	NO
Total transactions	310 510 925	63 772 437	3 900 000	275 161 192	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.