



United Nations

FAO  
FCCC/KP/CMP/2014/7/Add.1



Framework Convention on  
Climate Change

Distr.: General  
17 November 2014

English only

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## Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol

Tenth session

Lima, 1–12 December 2014

Item 9(c) of the provisional agenda

**Reporting from and review of Parties included in Annex I<sup>1</sup>**

**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 2014**

**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 2011 and 2012 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2011 and 2012 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 and will be finalized after completion of the 2014 annual review pursuant to decision 22/CMP.1 and the resolution of questions of implementation or disagreements relating to adjustments and/or corrections, if any.

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<sup>1</sup> The term “Party included in Annex I” is defined in Article 1, paragraph 7, of the Kyoto Protocol.

GE.14-22269 (E)



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## I. Introduction

1. Document FCCC/KP/CMP/2014/7 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). That information was reported by Parties in their initial reports and in the relevant reports submitted in 2013. The information includes the following:

- (a) Final values for key initial accounting parameters under the Kyoto Protocol;
- (b) Final values for emissions/removals of greenhouse gases (GHGs) in 2011;
- (c) Total quantities of Kyoto Protocol units by account type at the end of 2012 (final values).

2. Further, with a view to presenting the latest available information, annual information reported by Parties in 2014 is provided in this document provisionally, pending the completion of the annual review under Article 8 of the Kyoto Protocol, on the following:

- (a) Total GHG emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2011 and 2012;
- (b) GHG emissions and removals in 2011 and 2012 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 2013.

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 2014 will be recorded in the compilation and accounting database after completion of the annual review and the resolution of questions of implementation or disagreements relating to adjustments and/or corrections, 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 <sup>a</sup>	547 699 841	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	2 661 821 229	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	552 298 910	541 542 760	543 648 448
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	19 631 726	19 150 337	21 298 729
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 2012 (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	2 863 764 055	NO	46 294 933	NO	NO	NO
Entity holding	NO	NO	NO	30 002	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	93 815 088	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	20 500	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>2 957 579 143</b>	<b>NO</b>	<b>46 294 933</b>	<b>50 502</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	2 851 869 652	NO	23 834 852	NO	NO	NO
Entity holding	NO	NO	NO	45 102	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	103 408 630	NO	46 294 933	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 300 861	150 000	NO	128 826	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>2 957 579 143</b>	<b>150 000</b>	<b>70 129 785</b>	<b>173 928</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	23 834 852			
External transactions	NO	150 000	NO	530 972	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>150 000</b>	<b>23 834 852</b>	<b>530 972</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	11 894 403	150 000	46 294 933	108 326	NO	NO
External transactions	NO	NO	NO	407 546	NO	NO
<b>Total transactions</b>	<b>11 894 403</b>	<b>150 000</b>	<b>46 294 933</b>	<b>515 872</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 <sup>a</sup>	79 049 657	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	309 479 408	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	82 843 872	82 760 839	80 059 363
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 283 871	-1 486 927	-1 505 584
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 2012**  
**(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	178 562 597	NO	NO	9 200	NO	NO
Entity holding	30 370 708	4 943 412	NO	18 323 511	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	1	NO	NO
Retirement	170 943 786	42 724	NO	4 606 012	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
<b>Total</b>	<b>379 877 091</b>	<b>4 986 136</b>	<b>NO</b>	<b>22 938 724</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013**  
**(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	72 529 184	4 946 228	NO	4 747 664	NO	NO
Entity holding	41 120 752	312 411	NO	4 639 829	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	1	NO	NO
Retirement	252 306 321	5 847 533	NO	23 801 203	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
<b>Total</b>	<b>365 956 257</b>	<b>11 106 172</b>	<b>NO</b>	<b>33 188 697</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	10 750 000	6 120 036	NO	10 738 054	NO	NO
<b>Total transactions</b>	<b>10 750 000</b>	<b>6 120 036</b>	<b>NO</b>	<b>10 738 054</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	24 670 834	NO	NO	488 081	NO	NO
<b>Total transactions</b>	<b>24 670 834</b>	<b>NO</b>	<b>NO</b>	<b>488 081</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 <sup>a</sup>	145 728 763	t CO <sub>2</sub> 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	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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	606 595 975	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	120 308 097	120 145 514	116 520 315
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	202 960	203 328	191 502
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 2012 (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	454 018 810	34 257	NO	297	NO	NO
Entity holding	1 934 828	3 053 705	NO	6 465 398	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	188 928 962	630 326	NO	8 426 550	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
<b>Total</b>	<b>644 882 600</b>	<b>3 718 288</b>	<b>NO</b>	<b>14 897 755</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013**  
**(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	383 175 109	NO	NO	NO	NO	NO
Entity holding	1 934 828	3 541 656	NO	15 178 590	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	7 730	NO	NO
Retirement	221 922 282	5 397 712	NO	13 667 191	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
<b>Total</b>	<b>607 032 219</b>	<b>8 939 368</b>	<b>NO</b>	<b>28 853 511</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		400 034	NO			
External transactions	NO	6 897 065	NO	14 027 042	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>7 297 099</b>	<b>NO</b>	<b>14 027 042</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	400 034	NO	NO	2 220	NO	NO
External transactions	37 450 347	2 076 019	NO	71 286	NO	NO
<b>Total transactions</b>	<b>37 850 381</b>	<b>2 076 019</b>	<b>NO</b>	<b>73 506</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 <sup>a</sup>	132 618 658	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	305 228 132	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	66 133 295	65 995 748	61 045 626
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-782 434	-899 879	-1 010 895
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 2012**  
**(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	464 524 248	6 306 530	NO	6 504 931	NO	NO
Entity holding	NO	3 744 111	NO	267 649	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
<b>Total</b>	<b>565 037 370</b>	<b>10 754 496</b>	<b>NO</b>	<b>9 068 478</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013**  
**(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	447 134 952	1 331 348	NO	383 370	NO	NO
Entity holding	NO	23 676	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	60 329	NO	NO	NO	NO	NO
Retirement	100 452 793	13 587 718	NO	9 783 660	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
<b>Total</b>	<b>547 648 074</b>	<b>14 942 742</b>	<b>NO</b>	<b>10 167 030</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		348 025	NO			
External transactions	1	8 721 108	NO	1 910 241	NO	NO
<b>Total transactions</b>	<b>1</b>	<b>9 069 133</b>	<b>NO</b>	<b>1 910 241</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	348 025	NO	NO	NO	NO	NO
External transactions	17 041 272	4 880 887	NO	811 689	NO	NO
<b>Total transactions</b>	<b>17 389 297</b>	<b>4 880 887</b>	<b>NO</b>	<b>811 689</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Croatia

14. On 8 February 2012, the enforcement branch of the Compliance Committee decided that there no longer continues to be a question of implementation with respect to Croatia's eligibility and that Croatia is now fully eligible to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol.

15. Tables 21–25 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 21  
**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 <sup>a</sup>	31 321 790	t CO <sub>2</sub> 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
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	148 778 503	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	133 900 653	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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  
Croatia's emissions/removals of greenhouse gases in 2011 and 2012

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	28 421 468	28 542 462	26 418 804
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	180 010	33 156	-11 684
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-7 452 301	-7 623 329	-7 449 402

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

Table 23  
Croatia's total quantities of Kyoto Protocol units by account type at the end of 2012 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	148 778 503	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
<b>Total</b>	<b>148 778 503</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

Abbreviations: AAUs = assigned amount units, CERs = 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  
Croatia's total quantities of Kyoto Protocol units by account type at the end of 2013 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	148 778 503	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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
<b>Total</b>	<b>148 778 503</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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

**Croatia's total transactions of Kyoto Protocol units in 2013 (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
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Czech Republic

16. 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.

17. Tables 26–30 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 26

**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 <sup>a</sup>	194 248 218	t CO <sub>2</sub> eq
Quantified emission limitation and reduction commitment as inscribed in Annex B	92	per cent



<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol		
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	893 541 801	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	657 330 575	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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

**The Czech Republic's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	134 345 794	135 276 541	131 466 115
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-193 181	-186 488	-200 129
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-7 568 708	-6 630 568	-6 911 287

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

Table 28

**The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2012 (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	460 124 758	NO	NO	NO	NO	NO
Entity holding	NO	223 615	NO	987 929	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	287 631 333	3 839 463	NO	12 495 124	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
<b>Total</b>	<b>747 756 091</b>	<b>4 063 078</b>	<b>NO</b>	<b>13 483 053</b>	<b>NO</b>	<b>NO</b>

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

Table 29  
**The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	348 528 647	NO	NO	12 738	NO	NO
Entity holding	NO	18 747	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	27	NO	NO	1 935	NO	NO
Retirement	334 650 295	18 735 943	NO	19 874 444	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
<b>Total</b>	<b>683 178 969</b>	<b>18 754 690</b>	<b>NO</b>	<b>19 889 117</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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  
**The Czech Republic's total transactions of Kyoto Protocol units in 2013 (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		106 931	NO			
External transactions	2	14 896 480	NO	7 418 048	NO	NO
<b>Total transactions</b>	<b>2</b>	<b>15 003 411</b>	<b>NO</b>	<b>7 418 048</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	106 958	NO	NO	1 935	NO	NO
External transactions	64 470 193	311 799	NO	1 011 984	NO	NO
<b>Total transactions</b>	<b>64 577 151</b>	<b>311 799</b>	<b>NO</b>	<b>1 013 919</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Denmark

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

19. Tables 31–35 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 31

### 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 <sup>a</sup>	69 978 070	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	249 155 060	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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

### Denmark's emissions/removals of greenhouse gases in 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	57 011 068	57 275 202	52 247 694
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	9 737	-34 113	148 029
Net emissions or removals from LULUCF activities under Article 3,	-2 709 897	-2 738 154	-997 064

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
paragraph 4, of the Kyoto Protocol			

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

Table 33  
**Denmark's total quantities of Kyoto Protocol units by account type at the end of 2012**  
**(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	152 118 662	6 978 987	3 531 167	1 381 333	NO	NO
Entity holding	3 809	66 585	NO	1 477 492	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	45 099	NO	335 864	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	159 986	13 374	NO	2 017	NO	NO
Retirement	131 237 240	2 284 518	288 245	2 558 075	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
<b>Total</b>	<b>283 564 796</b>	<b>9 343 464</b>	<b>4 155 276</b>	<b>5 418 917</b>	<b>NO</b>	<b>NO</b>

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

Table 34  
**Denmark's total quantities of Kyoto Protocol units by account type at the end of 2013**  
**(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	136 096 740	12 763 022	6 102 283	7 104 476	NO	NO
Entity holding	3 809	215 426	NO	176 327	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	45 099	NO	552 195	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	161 400	13 374	NO	5 132	NO	NO
Retirement	131 237 240	2 284 518	288 245	2 558 075	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
<b>Total</b>	<b>267 544 288</b>	<b>15 276 340</b>	<b>6 942 723</b>	<b>9 844 010</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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  
Denmark's total transactions of Kyoto Protocol units in 2013 (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	2 787 447			
External transactions	NO	6 215 073	NO	6 925 616	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>6 215 073</b>	<b>2 787 447</b>	<b>6 925 616</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	1 414	NO	216 331	3 115	NO	NO
External transactions	16 020 508	282 197	NO	2 500 523	NO	NO
<b>Total transactions</b>	<b>16 021 922</b>	<b>282 197</b>	<b>216 331</b>	<b>2 503 638</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Estonia

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

21. Tables 36–40 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 36  
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 <sup>a</sup>	42 622 312	t CO <sub>2</sub> 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	196 062 637	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	95 942 143	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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  
**Estonia's emissions/removals of greenhouse gases in 2011 and 2012**

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	20 955 577	20 485 043	19 189 470
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	232 111	346 805	306 587
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 38  
**Estonia's total quantities of Kyoto Protocol units by account type at the end of 2012 (final values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	77 786 178	98 263	NO	NO	NO	NO
Entity holding	NO	3 519 182	NO	12 996	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	53 085 500	141 034	NO	16 555	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
<b>Total</b>	<b>131 081 678</b>	<b>3 758 479</b>	<b>NO</b>	<b>29 551</b>	<b>NO</b>	<b>NO</b>

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

Table 39  
**Estonia's total quantities of Kyoto Protocol units by account type at the end of 2013 (provisional values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	64 267 827	2 181 908	NO	424 474	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	216 300	NO	NO	NO	NO	NO
Retirement	68 157 883	282 068	NO	33 110	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
<b>Total</b>	<b>132 642 010</b>	<b>2 463 976</b>	<b>NO</b>	<b>457 584</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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

**Estonia's total transactions of Kyoto Protocol units in 2013 (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		3 092	NO			
External transactions	NO	9 224 858	NO	424 474	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>9 227 950</b>	<b>NO</b>	<b>424 474</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	9 392	NO	NO	NO	NO	NO
External transactions	13 508 959	10 663 487	NO	12 996	NO	NO
<b>Total transactions</b>	<b>13 518 351</b>	<b>10 663 487</b>	<b>NO</b>	<b>12 996</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. European Union

22. 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.

23. Tables 41–48 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-15<sup>2</sup> do not include units held in the European Community registry, which are presented in separate tables.

<sup>2</sup> 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, the Netherlands, Portugal, Spain, Sweden and the United Kingdom of Great Britain and Northern Ireland.



Table 41  
**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 <sup>a</sup>	4 265 517 719	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2013 annual review	17 659 243 358	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

*Abbreviation:* NO = not occurring.

<sup>a</sup> 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  
**The European Union's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	3 630 657 335	3 649 967 470	3 619 470 871
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-18 210 040	-17 329 329	-17 958 719
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-214 849 929	-254 065 738	-256 969 474

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

Table 43  
**Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2012, by account type (final values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	13 663 406 486	40 097 227	27 179 193	34 907 769	894 768	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	40 698 005	168 989 461	NO	152 697 442	626 174	NO
Article 3, paragraphs 3 and 4, net source cancellation	12 709 792	NO	9 505 846	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	230 105	93 137	NO	3 977 183	NO	NO
Retirement	6 413 701 355	70 847 127	288 245	350 965 662	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
<b>Total</b>	<b>20 130 745 743</b>	<b>280 026 952</b>	<b>36 973 284</b>	<b>542 548 056</b>	<b>1 520 942</b>	<b>NO</b>

*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 44

**Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2012, by account type (final values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	15 427 703	222 378 780	NO	195 013 222	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	18	NO	58 639	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
<b>Total</b>	<b>15 427 703</b>	<b>222 378 798</b>	<b>NO</b>	<b>195 071 861</b>	<b>NO</b>	<b>NO</b>

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

Table 45

**Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2013, 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>
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<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	11 922 731 791	203 909 615	29 750 309	215 366 734	3 238 425	NO
Entity holding	59 454 356	65 668 406	NO	90 462 257	1 310 363	NO
Article 3, paragraphs 3 and 4, net source cancellation	12 709 792	NO	27 758 863	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	249 885	307 435	NO	5 502 987	NO	NO
Retirement	6 623 680 476	104 289 142	288 245 393	131 351	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
<b>Total</b>	<b>18 618 826 300</b>	<b>374 174 598</b>	<b>57 797 417</b>	<b>704 463 329</b>	<b>4 548 788</b>	<b>NO</b>

*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 46

**Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2013, 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	1 763 899 285	194 598 997	NO	171 366 286	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	2 010 779	NO	1 590 935	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
<b>Total</b>	<b>1 763 899 285</b>	<b>196 609 776</b>	<b>NO</b>	<b>172 957 221</b>	<b>NO</b>	<b>NO</b>

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

Table 47

**Total transactions of Kyoto Protocol units carried out by the EU-15 in 2013 (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		3 841 249	20 824 133			
External transactions	243 389 221	271 977 853	NO	245 258 602	3 040 179	NO
<b>Total transactions</b>	<b>243 389 221</b>	<b>275 819 102</b>	<b>20 824 133</b>	<b>245 258 602</b>	<b>3 040 179</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	3 861 029	214 298	18 253 017	1 525 804	NO	NO
External transactions	2 995 613	165 616 607	NO	76 692 013	12 333	NO
<b>Total transactions</b>	<b>6 856 642</b>	<b>165 830 905</b>	<b>18 253 017</b>	<b>78 217 817</b>	<b>12 333</b>	<b>NO</b>

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

Table 48

**Total transactions of Kyoto Protocol units carried out by the European Community registry in 2013 (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	1 750 589 459	338 954 222	NO	310 357 700	12 333	NO
<b>Total transactions</b>	<b>1 750 589 459</b>	<b>338 954 222</b>	<b>NO</b>	<b>310 357 700</b>	<b>12 333</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	2 010 761	NO	1 532 296	NO	NO
External transactions	2 117 877	364 602 510	NO	332 472 340	12 333	NO
<b>Total transactions</b>	<b>2 117 877</b>	<b>366 613 271</b>	<b>NO</b>	<b>334 004 636</b>	<b>12 333</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Finland**

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

25. Tables 49–53 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 49

**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 <sup>a</sup>	71 003 509	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	319 515 791	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 50

**Finland's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	67 033 434	66 861 113	60 965 731
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	3 459 501	2 615 134	2 351 468
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-34 792 800	-33 576 834	-35 598 200

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

Table 51

**Finland's total quantities of Kyoto Protocol units by account type at the end of 2012 (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	216 929 711	871 286	NO	1 331 056	NO	NO
Entity holding	NO	4 962 994	NO	1 453 152	NO	NO
Article 3, paragraphs 3 and 4, net source	NO	NO	NO	NO		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
cancellation						
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	380	NO	NO	8 718	NO	NO
Retirement	138 500 082	914 208	NO	7 331 819	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>355 430 173</b>	<b>6 748 488</b>	<b>NO</b>	<b>10 124 745</b>	<b>NO</b>	<b>NO</b>

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

Table 52

**Finland's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	187 914 390	5 394 986	NO	8 274 162	NO	NO
Entity holding	NO	85 777	NO	175 242	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	1 321	NO	NO	21 745	NO	NO
Retirement	138 500 082	914 208	NO	7 331 819	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>326 415 793</b>	<b>6 394 971</b>	<b>NO</b>	<b>15 802 968</b>	<b>NO</b>	<b>NO</b>

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

Table 53

**Finland's total transactions of Kyoto Protocol units in 2013 (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		74 866	NO			
External transactions	21 296	4 633 933	NO	7 594 708	NO	NO
<b>Total transactions</b>	<b>21 296</b>	<b>4 708 799</b>	<b>NO</b>	<b>7 594 708</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	75 807	NO	NO	13 027	NO	NO

External transactions	28 960 810	5 062 316	NO	1 916 485	NO	NO
<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<b>Total transactions</b>	<b>29 036 617</b>	<b>5 062 316</b>	<b>NO</b>	<b>1 929 512</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. France

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

27. Tables 54–58 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 54

### 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 <sup>a</sup>	563 925 328	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	2 450 623 053	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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

### France’s emissions/removals of greenhouse gases in 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	487 212 031	490 009 604	490 299 384
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol	2 869 244	4 054 070	3 658 886

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
(afforestation and reforestation, and deforestation)			
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-56 465 044	-54 676 413	-59 394 016

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

Table 56  
**France's total quantities of Kyoto Protocol units by account type at the end of 2012 (final values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	2 474 437 706	239 587	23 648 026	96 500	NO	NO
Entity holding	NO	18 054 579	NO	14 862 956	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	12 664 693	NO	9 169 982	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	5 501	64 752	NO	554 124	NO	NO
Retirement	412 251 354	4 323 957	NO	38 264 507	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
<b>Total</b>	<b>2 899 359 254</b>	<b>22 682 875</b>	<b>32 818 008</b>	<b>53 778 087</b>	<b>NO</b>	<b>NO</b>

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

Table 57  
**France's total quantities of Kyoto Protocol units by account type at the end of 2013 (provisional values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	2 209 381 356	14 684 802	23 648 026	18 336 639	NO	NO
Entity holding	NO	871 695	NO	1 221 064	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	12 664 693	NO	27 206 668	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	5 501	177 194	NO	607 524	NO	NO
Retirement	412 259 511	4 323 957	NO	38 264 507	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
<b>Total</b>	<b>2 634 311 061</b>	<b>20 057 648</b>	<b>50 854 694</b>	<b>58 429 734</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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

**France's total transactions of Kyoto Protocol units in 2013 (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		986 120	18 036 686			
External transactions	NO	16 600 463	NO	29 603 295	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>17 586 583</b>	<b>18 036 686</b>	<b>29 603 295</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	986 120	112 442	18 036 686	53 400	NO	NO
External transactions	264 062 073	20 211 810	NO	24 951 648	NO	NO
<b>Total transactions</b>	<b>265 048 193</b>	<b>20 324 252</b>	<b>18 036 686</b>	<b>25 005 048</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Germany**

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

29. Tables 59–63 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 59

**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 <sup>a</sup>	1 232 429 543	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	4 381 287 024	t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Germany's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	22 733 333	t CO <sub>2</sub> eq

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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

**Germany's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	916 495 078	928 694 563	939 083 309
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-5 633 580	-3 546 253	-3 767 575
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-27 681 889	-46 609 776	-46 565 947

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

Table 61

**Germany's total quantities of Kyoto Protocol units by account type at the end of 2012 (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	2 733 213 882	21 356 847	NO	1 151 721	NO	NO
Entity holding	NO	1 743 668	NO	9 686 008	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	3 425	15 000	NO	892 199	NO	NO
Retirement	2 180 899 876	38 097 446	NO	124 218 728	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
<b>Total</b>	<b>4 914 117 183</b>	<b>61 212 961</b>	<b>NO</b>	<b>135 948 656</b>	<b>NO</b>	<b>NO</b>

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

Table 62  
**Germany's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	2 409 801 325	94 760 110	NO	45 117 050	NO	NO
Entity holding	NO	513 797	NO	956 706	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	3 525	18 276	NO	1 138 203	NO	NO
Retirement	2 180 899 877	38 097 446	NO	124 218 728	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
<b>Total</b>	<b>4 590 704 727</b>	<b>133 389 629</b>	<b>NO</b>	<b>171 430 687</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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  
**Germany's total transactions of Kyoto Protocol units in 2013 (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		1 366 335	NO			
External transactions	677	78 397 023	NO	69 039 008	NO	NO
<b>Total transactions</b>	<b>677</b>	<b>79 763 358</b>	<b>NO</b>	<b>69 039 008</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	1 366 435	3 276	NO	246 004	NO	NO
External transactions	322 046 798	7 586 690	NO	33 556 977	NO	NO
<b>Total transactions</b>	<b>323 413 233</b>	<b>7 589 966</b>	<b>NO</b>	<b>33 802 981</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Greece

30. On 17 April 2008, the enforcement branch of the Compliance Committee 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.

31. Tables 64–68 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 64

**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 <sup>a</sup>	106 987 169	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	575 225 094	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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

**Greece’s emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	115 045 019	114 737 264	110 994 060
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	–304 974	–98 047	–44 133
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	–1 776 866	–1 818 167	–1 756 401

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

Table 66

**Greece’s total quantities of Kyoto Protocol units by account type at the end of 2012 (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	386 590 631	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Entity holding	NO	201 064	NO	782 862	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	233 712 382	2 739 755	NO	11 450 153	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
<b>Total</b>	<b>620 303 013</b>	<b>2 940 819</b>	<b>NO</b>	<b>12 233 015</b>	<b>NO</b>	<b>NO</b>

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

Table 67

**Greece's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	327 225 503	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	78	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	285 861 173 11	322 449	NO	16 563 409	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
<b>Total</b>	<b>613 086 676 11</b>	<b>322 449</b>	<b>NO</b>	<b>16 563 487</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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

**Greece's total transactions of Kyoto Protocol units in 2013 (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	8 582 694	NO	5 113 256	NO	NO

<b>Total transactions</b>	<b>NO</b>	<b>8 582 694</b>	<b>NO</b>	<b>5 113 256</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
External transactions	7 216 337	201 064	NO	782 784	NO	NO
<b>Total transactions</b>	<b>7 216 337</b>	<b>201 064</b>	<b>NO</b>	<b>782 784</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Hungary

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

33. Tables 69–73 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 69

### 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 <sup>a</sup>	115 397 149	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	309 903 315	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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

### Hungary's emissions/removals of greenhouse gases in 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from	66 279 014	66 034 086	61 980 663

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
sources listed in Annex A to the Kyoto Protocol			
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 183 038	-1 183 038	-1 051 450
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-1 523 018	-1 506 901	-2 353 515

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

Table 71  
**Hungary's total quantities of Kyoto Protocol units by account type at the end of 2012 (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	416 347 249	2 143 385	3 055 200	2 275 578	NO	NO
Entity holding	31 711	160 639	NO	187 209	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	88 349	NO	34 614	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	343	NO	NO
Retirement	91 551 752	1 172 944	NO	2 503 655	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
<b>Total</b>	<b>508 019 061</b>	<b>3 476 968</b>	<b>3 089 814</b>	<b>4 966 785</b>	<b>NO</b>	<b>NO</b>

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

Table 72  
**Hungary's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	404 390 381	1 639 842	4 861 689	3 702 742	NO	NO
Entity holding	NO	22 644	NO	2 697	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	133 161	NO	34 614	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	343	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	91 551 752	1 172 944	NO	2 503 655	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
<b>Total</b>	<b>496 075 294</b>	<b>2 835 430</b>	<b>4 896 303</b>	<b>6 209 437</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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

**Hungary's total transactions of Kyoto Protocol units in 2013 (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		21 517	1 806 489			
External transactions	NO	1 502 153	NO	1 465 800	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>1 523 670</b>	<b>1 806 489</b>	<b>1 465 800</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	66 329	NO	NO	NO	NO	NO
External transactions	11 922 250	2 165 208	NO	223 148	NO	NO
<b>Total transactions</b>	<b>11 988 579</b>	<b>2 165 208</b>	<b>NO</b>	<b>223 148</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Iceland**

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

35. Tables 74 and 75 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, Iceland submitted its first standard electronic format tables in 2014, the year following the calendar year in which it first transferred or acquired Kyoto Protocol units. Tables 76 and 77 provide information on the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units in 2013.

Table 74

**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 <sup>a</sup>	3 367 972	t CO <sub>2</sub> 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	110	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol	18 523 847	t CO <sub>2</sub> eq



<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
for the first commitment period		
Commitment period reserve after the 2012 annual review	166 714 462	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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

**Iceland's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	4 460 027	4 441 127	4 467 730
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-162 343	-153 265	-172 805
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-523 446	-533 918	-543 123

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

Table 76

**Iceland's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	18 524 029	5 087	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
<b>Total</b>	<b>18 524 029</b>	<b>5 087</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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

**Iceland's total transactions of Kyoto Protocol units in 2013 (provisional values)**

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	182	5 087	NO	NO	NO	NO
<b>Total transactions</b>	<b>182</b>	<b>5 087</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Ireland**

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

37. Tables 78–82 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 78

**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 <sup>a</sup>	55 607 836	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	282 765 845	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 79

**Ireland's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	57 514 525	57 749 958	58 531 238
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-3 721 553	-3 458 706	-3 622 349
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 80

**Ireland's total quantities of Kyoto Protocol units by account type at the end of 2012 (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	227 556 711	NO	NO	NO	NO	NO
Entity holding	1 810 375	576 178	NO	5 471 684	503 489	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	66 719 736	1 238 883	NO	2 780 994	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
<b>Total</b>	<b>296 087 557</b>	<b>1 815 061</b>	<b>NO</b>	<b>8 254 737</b>	<b>503 489</b>	<b>NO</b>

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

Table 81

**Ireland's total quantities of Kyoto Protocol units by account type at the end of 2013  
(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	223 701 906	1 635 668	NO	903 808	NO	NO
Entity holding	1 810 375	78 734	NO	5 277 156	1 051 429	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	66 719 736	1 238 883	NO	2 780 994	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
<b>Total</b>	<b>292 232 752</b>	<b>2 953 285</b>	<b>NO</b>	<b>8 964 017</b>	<b>1 051 429</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 82

**Ireland's total transactions of Kyoto Protocol units in 2013 (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	1 693 196	NO	1 309 858	547 940	NO
<b>Total transactions</b>	<b>NO</b>	<b>1 693 196</b>	<b>NO</b>	<b>1 309 858</b>	<b>547 940</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	3 854 805	554 972	NO	600 578	NO	NO
<b>Total transactions</b>	<b>3 854 805</b>	<b>554 972</b>	<b>NO</b>	<b>600 578</b>	<b>NO</b>	<b>NO</b>

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

## **XVIII. Italy**

38. Italy 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 83–87 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 83

**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 <sup>a</sup>	516 850 887	t CO <sub>2</sub> 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	2 416 277 898	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	2 174 650 108	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 84

**Italy's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	488 792 018	486 601 134	460 083 452
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-6 082 742	-4 352 926	-4 629 748
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-23 976 982	-23 564 133	-24 734 746

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

Table 85

**Italy's total quantities of Kyoto Protocol units by account type at the end of 2012 (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	1 638 291 168	15 815	NO	83 759	NO	NO
Entity holding	1 970 000	5 134 484	NO	13 845 427	54 670	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	738 261 880	5 561 462	NO	43 371 714	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
<b>Total</b>	<b>2 378 523 048</b>	<b>10 711 761</b>	<b>NO</b>	<b>57 300 900</b>	<b>54 670</b>	<b>NO</b>

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

Table 86

**Italy's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	1 540 039 191	23 605 709	NO	22 999 923	NO	NO
Entity holding	1 970 000	473 880	NO	5 194 483	116 900	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	4 250	NO	NO
Retirement	738 261 880	5 561 462	NO	43 371 714	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
<b>Total</b>	<b>2 280 271 071</b>	<b>29 641 051</b>	<b>NO</b>	<b>71 570 370</b>	<b>116 900</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 87

**Italy's total transactions of Kyoto Protocol units in 2013 (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	25 984 861	NO	38 766 179	62 230	NO
<b>Total transactions</b>	<b>NO</b>	<b>25 984 861</b>	<b>NO</b>	<b>38 766 179</b>	<b>62 230</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	4 250	NO	NO
External transactions	98 251 977	7 055 571	NO	24 496 709	NO	NO
<b>Total transactions</b>	<b>98 251 977</b>	<b>7 055 571</b>	<b>NO</b>	<b>24 500 959</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Japan

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

41. Tables 88–92 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 88

### 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 <sup>a</sup>	1 261 331 418	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	5 335 431 899	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 89

### Japan's emissions/removals of greenhouse gases in 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	1 308 084 220	1 306 517 925	1 343 117 721
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	1 559 882	1 150 734	1 460 497
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-53 747 593	-52 780 783	-54 302 187

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

Table 90  
**Japan's total quantities of Kyoto Protocol units by account type at the end of 2012**  
**(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	6 105 911 935	2 556 358	NO	54 916 758	54 670	NO
Entity holding	20 469 892	2 160 905	NO	39 047 919	470 184	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
<b>Total</b>	<b>6 149 381 827</b>	<b>4 717 263</b>	<b>NO</b>	<b>130 071 450</b>	<b>524 854</b>	<b>NO</b>

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

Table 91  
**Japan's total quantities of Kyoto Protocol units by account type at the end of 2013**  
**(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	6 129 847 294	21 753 827	NO	89 835 300	362 304	NO
Entity holding	1 505 725	400 685	NO	22 909 943	759 976	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
<b>Total</b>	<b>6 154 353 019</b>	<b>22 154 512</b>	<b>NO</b>	<b>148 852 016</b>	<b>1 122 280</b>	<b>NO</b>

Abbreviations: AAUs = assigned amount units, CERs = 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 92  
**Japan's total transactions of Kyoto Protocol units in 2013 (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	5 005 459	17 628 473	NO	58 856 849	597 426	NO
<b>Total transactions</b>	<b>5 005 459</b>	<b>17 628 473</b>	<b>NO</b>	<b>58 856 849</b>	<b>597 426</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	34 267	191 224	NO	40 076 283	NO	NO
<b>Total transactions</b>	<b>34 267</b>	<b>191 224</b>	<b>NO</b>	<b>40 076 283</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Latvia

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

43. Tables 93–97 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 93  
**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 <sup>a</sup>	25 909 159	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	54 892 386	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 94  
**Latvia's emissions/removals of greenhouse gases in 2011 and 2012**

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	11 545 285	11 139 753	10 977 923
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	35 526	1 190 731	1 162 762
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-14 851 387	-11 480 086	-12 747 671

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

Table 95  
**Latvia's total quantities of Kyoto Protocol units by account type at the end of 2012 (final values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	85 886 119	NO	NO	NO	NO	NO
Entity holding	NO	42 907	NO	264 246	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	10 499 146	49 013	NO	848 191	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
<b>Total</b>	<b>96 385 265</b>	<b>91 920</b>	<b>NO</b>	<b>1 112 437</b>	<b>NO</b>	<b>NO</b>

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

Table 96  
**Latvia's total quantities of Kyoto Protocol units by account type at the end of 2013 (provisional values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	66 330 176	418 607	NO	322 904	NO	NO
Entity holding	NO	5 324	NO	16 107	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	10 499 146	49 013	NO	848 191	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
<b>Total</b>	<b>76 829 322</b>	<b>472 944</b>	<b>NO</b>	<b>1 187 202</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 97

**Latvia's total transactions of Kyoto Protocol units in 2013 (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	1 823 924	NO	373 200	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>1 823 924</b>	<b>NO</b>	<b>373 200</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	19 555 943	1 442 900	NO	298 435	NO	NO
<b>Total transactions</b>	<b>19 555 943</b>	<b>1 442 900</b>	<b>NO</b>	<b>298 435</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Liechtenstein**

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

45. Tables 98–102 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 98

**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 <sup>a</sup>	229 483	t CO <sub>2</sub> eq
Quantified emission limitation and reduction commitment as inscribed in Annex B	92	per cent

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol		
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 055 623	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	950 061	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 99

**Liechtenstein's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	222 042	216 207	225 399
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	211	211	225
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 100

**Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2012 (final values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	1 034 677	NO	8 221	180 429	NO	NO
Entity holding	186 108	NO	NO	138 925	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	5 448	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	
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
<b>Total</b>	<b>1 226 233</b>	<b>NO</b>	<b>11 879</b>	<b>319 354</b>	<b>NO</b>	<b>NO</b>

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

Table 101

**Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	997 284	NO	5 143	230 000	NO	NO
Entity holding	NO	NO	NO	3 225	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	5 448	NO	9 602	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
<b>Total</b>	<b>1 002 732</b>	<b>NO</b>	<b>14 745</b>	<b>233 225</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 102

**Liechtenstein's total transactions of Kyoto Protocol units in 2013 (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	2 866			
External transactions	1	NO	NO	36 300	NO	NO
<b>Total transactions</b>	<b>1</b>	<b>NO</b>	<b>2 866</b>	<b>36 300</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	5 944	NO	NO	NO
External transactions	223 502	NO	NO	122 429	NO	NO
<b>Total transactions</b>	<b>223 502</b>	<b>NO</b>	<b>5 944</b>	<b>122 429</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Lithuania

46. 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.

47. Tables 103–107 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 103

### 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 <sup>a</sup>	49 414 386	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	108 111 427	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 104

### Lithuania's emissions/removals of greenhouse gases in 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	21 614 233	21 679 976	21 622 285
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-109 615	-148 353	-129 865
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-10 849 555	-10 864 629	-9 211 605

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

Table 105  
**Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2012  
(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	160 861 894	213 586	NO	NO	NO	NO
Entity holding	NO	2 950 596	NO	392 438	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	19 519 889	1 810 374	NO	2 562 399	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
<b>Total</b>	<b>180 381 783</b>	<b>4 974 556</b>	<b>NO</b>	<b>2 954 837</b>	<b>NO</b>	<b>NO</b>

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

Table 106  
**Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2013  
(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	147 145 268	NO	NO	NO	NO	NO
Entity holding	NO	4 930 174	NO	237 289	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	11 559	NO	NO	NO	NO	NO
Retirement	22 783 253	3 477 985	NO	3 348 131	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
<b>Total</b>	<b>169 940 080</b>	<b>8 408 159</b>	<b>NO</b>	<b>3 585 420</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 107  
Lithuania's total transactions of Kyoto Protocol units in 2013 (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		2 602 126	NO			
External transactions	NO	1 667 611	NO	785 732	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>4 269 737</b>	<b>NO</b>	<b>785 732</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	2 613 685	NO	NO	NO	NO	NO
External transactions	7 839 577	836 134	NO	155 149	NO	NO
<b>Total transactions</b>	<b>10 453 262</b>	<b>836 134</b>	<b>NO</b>	<b>155 149</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Luxembourg

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

49. Tables 108–112 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 108  
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 <sup>a</sup>	13 167 499	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	42 662 696	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 109

**Luxembourg's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	12 097 915	12 124 928	11 839 241
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	30 837	-82 837	-98 169
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 110

**Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2012 (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	41 780 463	217 045	NO	2 442 079	109 351	NO
Entity holding	NO	NO	NO	138 835	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	8 045 734	NO	NO	539 728	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
<b>Total</b>	<b>49 826 197</b>	<b>217 045</b>	<b>NO</b>	<b>3 120 642</b>	<b>109 351</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 111

**Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	45 643 506	389 668	NO	3 916 338	233 824	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Entity holding	NO	NO	NO	63 160	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	8 045 734	NO	NO	539 728	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
<b>Total</b>	<b>53 689 240</b>	<b>389 668</b>	<b>NO</b>	<b>4 519 226</b>	<b>233 824</b>	<b>NO</b>

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

Table 112

**Luxembourg's total transactions of Kyoto Protocol units in 2013 (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	4 875 000	172 623	NO	1 532 428	124 473	NO
<b>Total transactions</b>	<b>4 875 000</b>	<b>172 623</b>	<b>NO</b>	<b>1 532 428</b>	<b>124 473</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	1 011 957	NO	NO	133 844	NO	NO
<b>Total transactions</b>	<b>1 011 957</b>	<b>NO</b>	<b>NO</b>	<b>133 844</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Monaco**

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

51. Tables 113–117 provide detailed information on Monaco'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 113

**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 <sup>a</sup>	107 658	t CO <sub>2</sub> 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	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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	467 329	t CO <sub>2</sub> 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		t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 114

**Monaco's emissions/removals of greenhouse gases in 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	89 579	89 816	93 470
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.

Table 115

**Monaco's total quantities of Kyoto Protocol units by account type at the end of 2012 (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	

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

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

Table 116  
**Monaco's total quantities of Kyoto Protocol units by account type at the end of 2013 (provisional values)**

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

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

Table 117  
**Monaco's total transactions of Kyoto Protocol units in 2013 (provisional values)**

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

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

## XXV. Netherlands

52. 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.

53. 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 <sup>a</sup>	213 034 498	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	901 135 927	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	194 379 161	195 063 513	191 668 698
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	380 010	391 104	409 853
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 2012 (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	542 673 011	9 670 179	NO	23 945 399	NO	NO
Entity holding	NO	40 906 339	NO	14 201 386	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	3 979	NO	NO	120 692	NO	NO
Retirement	560 130 340	895 113	NO	7 387 495	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
<b>Total</b>	<b>1 102 807 330</b>	<b>51 471 631</b>	<b>NO</b>	<b>45 654 972</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	363 216 637	8 569 516	NO	31 382 231	NO	NO
Entity holding	25 807 15 830 048		NO	9 825 706	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	11 430	10 900	NO	390 357	NO	NO
Retirement	584 952 218	11 027 404	NO	17 573 419	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
<b>Total</b>	<b>948 206 092</b>	<b>35 437 868</b>	<b>NO</b>	<b>59 171 713</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	105 750	35 359 338	NO	49 267 954	NO	NO
<b>Total transactions</b>	<b>105 750</b>	<b>35 359 338</b>	<b>NO</b>	<b>49 267 954</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	7 451	10 900	NO	269 665	NO	NO
External transactions	154 706 988	51 393 101	NO	35 751 213	NO	NO
<b>Total transactions</b>	<b>154 714 439</b>	<b>51 404 001</b>	<b>NO</b>	<b>36 020 878</b>	<b>NO</b>	<b>NO</b>

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

## XXVI. New Zealand

54. 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.

55. 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 <sup>a</sup>	61 912 947	t CO <sub>2</sub> 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	309 564 733	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	278 608 260	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	72 923 483	74 393 446	76 047 981
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-16 765 478	-15 199 685	-14 968 612
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 2012 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	305 283 254	4 587 043	3 378 146	4 285 112	NO	NO
Entity holding	740 405	11 566 491	5 671 854	4 394 487	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	18 003	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
<b>Total</b>	<b>306 041 662</b>	<b>16 153 534</b>	<b>9 050 000</b>	<b>8 680 399</b>	<b>NO</b>	<b>NO</b>

Abbreviations: AAUs = assigned amount units, CERs = 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 2013 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	302 802 271	45 535 954	8 012 771	7 601 797	NO	NO



<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Entity holding	2 948 595	34 325 143	1 037 229	3 238 427	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	26 650	NO	NO	23 971	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
<b>Total</b>	<b>305 777 516</b>	<b>79 861 097</b>	<b>050 000 10</b>	<b>864 195</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		264 146	NO			
External transactions	NO	86 143 207	NO	6 506 641	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>86 407 353</b>	<b>NO</b>	<b>6 506 641</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	272 793	NO	NO	23 171	NO	NO
External transactions	NO	22 699 790	NO	4 322 845	NO	NO
<b>Total transactions</b>	<b>272 793</b>	<b>22 699 790</b>	<b>NO</b>	<b>4 346 016</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Norway**

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

57. 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 <sup>a</sup>	49 619 168	t CO <sub>2</sub> eq
Quantified emission limitation and reduction commitment as inscribed in Annex B	101	per cent

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol		
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	250 576 797	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	225 519 117	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	53 446 374	53 294 026	52 733 243
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 157 621	1 922 002	2 012 375
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-31 673 087	-31 103 764	-30 187 295

*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 2012 (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	198 411 925	522 869	NO	6 092 122	NO	NO
Entity holding	187 268	226 537	NO	1 066 641	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	40 440	NO	NO	111 914	NO	NO
Retirement	72 911 347	343 518	NO	3 770 523	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
<b>Total</b>	<b>271 550 980</b>	<b>1 092 924</b>	<b>NO</b>	<b>11 041 200</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013  
(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	193 475 289	738 305	NO	16 823 028	NO	NO
Entity holding	89 996	206 511	NO	1 060 585	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	47 337	NO	NO	368 564	NO	NO
Retirement	72 911 347	2 209 853	NO	6 811 354	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
<b>Total</b>	<b>266 523 969</b>	<b>3 154 669</b>	<b>NO</b>	<b>25 063 531</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	31 798	2 214 970	NO	15 721 386	NO	NO
<b>Total transactions</b>	<b>31 798</b>	<b>2 214 970</b>	<b>NO</b>	<b>15 721 386</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	6 897	NO	NO	256 650	NO	NO
External transactions	5 058 809	153 225	NO	1 699 055	NO	NO
<b>Total transactions</b>	<b>5 065 706</b>	<b>153 225</b>	<b>NO</b>	<b>1 955 705</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Poland

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

59. Tables 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 <sup>a</sup>	563 442 774	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	2 012 046 833	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	406 860 038	405 741 440	399 267 970
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-5 956 486	-2 288 229	-2 488 094
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-25 232 716	-40 365 013	-36 413 307

*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 2012**  
**(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	1 889 243 137	6 609 664	NO	19 194 476	NO	NO
Entity holding	NO	513 187	NO	584 749	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	564 089 355	2 061 462	NO	28 840 820	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
<b>Total</b>	<b>2 453 332 492</b>	<b>9 184 313</b>	<b>NO</b>	<b>48 620 045</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013**  
**(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	1 835 474 000	28 641 440	NO	36 038 195	NO	NO
Entity holding	NO	5 897 875	NO	29 862	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	2	NO	NO
Retirement	564 089 355	2 061 462	NO	28 840 820	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
<b>Total</b>	<b>2 399 563 355</b>	<b>36 600 777</b>	<b>NO</b>	<b>64 908 879</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		6 148 056	NO			
External transactions	NO	35 344 134	NO	16 899 837	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>41 492 190</b>	<b>NO</b>	<b>16 899 837</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	6 148 056	NO	NO	2	NO	NO
External transactions	47 621 081	14 075 726	NO	611 003	NO	NO
<b>Total transactions</b>	<b>53 769 137</b>	<b>14 075 726</b>	<b>NO</b>	<b>611 005</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Portugal

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

61. 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 <sup>a</sup>	60 147 642	t CO <sub>2</sub> 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	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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	343 743 774	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	69 986 446	69 316 549	68 751 894
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-908 042	-4 188 144	-3 755 885
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-403 642	-10 924 995	-8 734 968

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 2012 (final values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	261 304 611	NO	NO	NO	NO	NO
Entity holding	4 400 000	985 549	NO	3 338 620	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	99 251 257	412 799	NO	7 688 901	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
<b>Total</b>	<b>364 955 868</b>	<b>1 398 348</b>	<b>NO</b>	<b>11 027 521</b>	<b>NO</b>	<b>NO</b>

Abbreviations: AAUs = assigned amount units, CERs = 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 2013 (provisional values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	222 828 261	NO	NO	NO	NO	NO
Entity holding	4 400 000	44 271	NO	5 578 686	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	64 695	NO	NO
Retirement	117 895 696	4 567 634	NO 10 119 578	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
<b>Total</b>	<b>345 123 957</b>	<b>4 611 905</b>	<b>NO 15 762 959</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	5 033 768	NO	5 590 476	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>5 033 768</b>	<b>NO</b>	<b>5 590 476</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	64 695	NO	NO
External transactions	19 831 911	1 820 211	NO	855 038	NO	NO
<b>Total transactions</b>	<b>19 831 911</b>	<b>1 820 211</b>	<b>NO</b>	<b>919 733</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Romania**

62. 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.

63. 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>
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<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions <sup>a</sup>	278 225 022	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	593 820 748	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	123 359 147	121 513 511	118 764 150
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	105 913	464 784	2 079 337
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-20 851 338	-21 482 306	-21 006 107

*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 2012 (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	954 564 852	1 949 671	NO	2 072 284	NO	NO
Entity holding	NO	3 215 771	NO	2 602 465	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	198 363 045	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
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>1 152 927 897</b>	<b>9 645 390</b>	<b>NO</b>	<b>13 293 340</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	925 927 115	11 839 062	NO	7 264 202	NO	NO
Entity holding	NO	61 182	NO	70 160	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	198 363 045	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
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>1 124 290 160</b>	<b>16 380 192</b>	<b>NO</b>	<b>15 952 953</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		311 211	NO			
External transactions	NO	10 270 260	NO	5 257 284	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>10 581 471</b>	<b>NO</b>	<b>5 257 284</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	311 211	NO	NO	NO	NO	NO
External transactions	28 326 526	3 846 669	NO	2 597 671	NO	NO
<b>Total transactions</b>	<b>28 637 737</b>	<b>3 846 669</b>	<b>NO</b>	<b>2 597 671</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Russian Federation

64. 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.

65. 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 <sup>a</sup>	3 323 419 064	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	11 475 249 420	t CO <sub>2</sub> 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 <sub>2</sub> eq
Limitation on the total of additions to the Russian Federation's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	166 170 953	t CO <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	2 320 850 662	2 284 292 820	2 295 045 375
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	15 450 687	10 175 490	9 210 436
Net emissions or removals from LULUCF activities under Article 3,	-527 958 567	-518 277 649	-524 413 366

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
paragraph 4, of the Kyoto Protocol			

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 2012 (final values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	16 290 488 012	NO	455 733 909	NO	NO	NO
Entity holding	60 573 149	27 929 248	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	26 607 307	NO	15 246 228	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
<b>Total</b>	<b>16 377 668 468</b>	<b>27 929 248</b>	<b>470 980 137</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

Abbreviations: AAUs = assigned amount units, CERs = 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 2013 (provisional values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	16 276 694 776	NO	453 445 503	NO	NO	NO
Entity holding	52 655 346	8 759 459	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	26 607 307	NO	15 246 228	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
<b>Total</b>	<b>16 355 957 429</b>	<b>8 759 459</b>	<b>468 691 731</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		24 993 215	NO			
External transactions	993 770	919 581	NO	NO	NO	NO
<b>Total transactions</b>	<b>993 770</b>	<b>25 912 796</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	22 704 809	NO	2 288 406	NO	NO	NO
External transactions	NO	45 082 585	NO	NO	NO	NO
<b>Total transactions</b>	<b>22 704 809</b>	<b>45 082 585</b>	<b>2 288 406</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Slovakia

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

67. 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 <sup>a</sup>	72 050 764	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	213 550 986	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	45 296 964	44 697 892	42 710 197
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-489 327	-212 384	-306 777
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 155  
Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2012 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	186 500 911	NO	NO	NO	NO	NO
Entity holding	292 964	12 166	NO	139 706	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	82 656 783	115 477	NO	8 725 491	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
<b>Total</b>	<b>269 450 658</b>	<b>127 643</b>	<b>NO</b>	<b>8 865 197</b>	<b>NO</b>	<b>NO</b>

Abbreviations: AAUs = assigned amount units, CERs = 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 2013**  
 (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	150 006 634	1	NO	1 656	NO	NO
Entity holding	124 081	2 649	NO	986	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 379	NO	NO	NO	NO	NO
Retirement	101 747 825	292 783	NO	9 740 046	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
<b>Total</b>	<b>251 880 919</b>	<b>295 433</b>	<b>NO</b>	<b>9 742 688</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	22 623	179 533	NO	1 016 211	NO	NO
<b>Total transactions</b>	<b>22 623</b>	<b>179 533</b>	<b>NO</b>	<b>1 016 211</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	2 379	NO	NO	NO	NO	NO
External transactions	17 592 362	11 743	NO	138 720	NO	NO
<b>Total transactions</b>	<b>17 594 741</b>	<b>11 743</b>	<b>NO</b>	<b>138 720</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Slovenia

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

69. 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 <sup>a</sup>	20 354 042	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	84 265 734	t CO <sub>2</sub> 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 <sub>2</sub> eq
Limitation on the total of additions to Slovenia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	936 286	t CO <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	19 509 385	19 462 557	18 910 982
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	232 841	272 688	221 761
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-11 576 429	-6 284 287	-6 250 224

*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 2012 (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	56 751 275	NO	NO	NO	NO	NO
Entity holding	NO	242 295	NO	14 561	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	30 425 764	1 179 854	NO	1 452 130	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
<b>Total</b>	<b>87 177 039</b>	<b>1 422 149</b>	<b>NO</b>	<b>1 466 691</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	56 552 560	3 504 144	NO	69 386	NO	NO
Entity holding	NO	209	NO	23	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	30 425 764	1 179 854	NO	1 452 130	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
<b>Total</b>	<b>86 978 324</b>	<b>4 684 207</b>	<b>NO</b>	<b>1 521 539</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	3 630 330	NO	69 386	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>3 630 330</b>	<b>NO</b>	<b>69 386</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	198 715	368 272	NO	14 538	NO	NO

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
<b>Total transactions</b>	<b>198 715</b>	<b>368 272</b>	<b>NO</b>	<b>14 538</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Spain

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

71. 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 <sup>a</sup>	289 773 205	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	1 499 576 336	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	350 483 690	345 887 149	340 808 593
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol	-6 331 306	-8 030 074	-7 907 621

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
(afforestation and reforestation, and deforestation)			
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-22 179 536	-25 034 842	-25 111 768

*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 2012 (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	1 238 188 048	263 681	NO	4 038 721	785 417	NO
Entity holding	NO	2 137 486	NO	24 241 347	68 015	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	485 501 839	10 452 283	NO	58 661 441	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
<b>Total</b>	<b>1 723 690 609</b>	<b>12 853 461</b>	<b>NO</b>	<b>86 941 509</b>	<b>853 432</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	1 152 497 781	14 969 674	NO	37 935 571	2 974 109	NO
Entity holding	NO	617 596	NO	5 131 953	142 034	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	722	850	NO	5 309	NO	NO
Retirement	485 501 839	10 452 283	NO	58 661 441	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
<b>Total</b>	<b>1 638 000 342</b>	<b>26 040 403</b>	<b>NO</b>	<b>101 734 274</b>	<b>3 116 143</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		515 356	NO			
External transactions	220	18 948 144	NO	49 612 614	2 262 711	NO
<b>Total transactions</b>	<b>220</b>	<b>19 463 500</b>	<b>NO</b>	<b>49 612 614</b>	<b>2 262 711</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	515 356	839	NO	5 309	NO	NO
External transactions	85 175 131	6 276 558	NO	34 819 849	NO	NO
<b>Total transactions</b>	<b>85 690 487</b>	<b>6 277 397</b>	<b>NO</b>	<b>34 825 158</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Sweden

72. Sweden 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 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 <sup>a</sup>	72 151 646	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	288 020 751	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	61 447 447	60 761 029	57 610 448
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	1 657 167	2 439 004	2 529 515
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-37 585 862	-40 103 698	-39 558 432

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 2012 (final values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	288 070 658	332 326	NO	371 673	NO	NO
Entity holding	190 975	978 740	NO	5 850 858	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	18 690	NO	NO	522 022	NO	NO
Retirement	77 032 229	19 628	NO	3 408 255	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
<b>Total</b>	<b>365 312 552</b>	<b>1 330 694</b>	<b>NO</b>	<b>10 152 808</b>	<b>NO</b>	<b>NO</b>

Abbreviations: AAUs = assigned amount units, CERs = 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 2013 (provisional values)

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	273 196 005	3 318 764	NO	9 661 471	30 492	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	8 300	77 119	NO	1 302 516	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	19 593	NO	NO	612 627	NO	NO
Retirement	77 032 229	19 628	NO	3 408 255	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
<b>Total</b>	<b>350 256 127</b>	<b>3 415 511</b>	<b>NO</b>	<b>14 984 869</b>	<b>30 492</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		498 538	NO			
External transactions	79 609	6 436 207	NO	19 953 143	30 492	NO
<b>Total transactions</b>	<b>79 609</b>	<b>6 934 745</b>	<b>NO</b>	<b>19 953 143</b>	<b>30 492</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	499 441	NO	NO	90 605	NO	NO
External transactions	14 637 496	4 849 928	NO	15 121 082	NO	NO
<b>Total transactions</b>	<b>15 136 937</b>	<b>4 849 928</b>	<b>NO</b>	<b>15 211 687</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Switzerland**

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

75. 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>
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<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions <sup>a</sup>	52 790 957	t CO <sub>2</sub> 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	242 838 402	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	218 554 562	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	50 149 216	50 013 996	51 478 559
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	200 661	201 516	204 733
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-2 936 198	-2 063 617	-2 236 379

*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 2012 (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	237 265 784	NO	1 523 682	49 100	NO	NO
Entity holding	34 083 269	56 967 362	NO	43 513 253	74 930	NO
Article 3, paragraphs 3 and 4, net source cancellation	172 587	NO	345 431	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	84	NO	NO	750 158	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>271 521 724</b>	<b>56 967 362</b>	<b>1 869 113 44</b>	<b>312 511</b>	<b>74 930</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	239 651 621	558 645	2 214 606	14 934 060	NO	NO
Entity holding	8 834 902	49 338 250	NO	28 364 434	106 695	NO
Article 3, paragraphs 3 and 4, net source cancellation	172 587	NO	489 589	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	108 968	108 727	NO	1 053 996	8 098	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
<b>Total</b>	<b>248 768 078</b>	<b>50 005 622</b>	<b>2 704 195 44</b>	<b>352 490</b>	<b>114 793</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	835 082			
External transactions	10 202 778	230 860 118	NO	101 348 836	39 863	NO
<b>Total transactions</b>	<b>10 202 778</b>	<b>230 860 118</b>	<b>835 082</b>	<b>101 348 836</b>	<b>39 863</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	108 884	108 727	144 158	303 838	8 098	NO
External transactions	32 956 424	237 821 858	NO	101 308 857	NO	NO
<b>Total transactions</b>	<b>33 065 308</b>	<b>237 930 585</b>	<b>144 158</b>	<b>101 612 695</b>	<b>8 098</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. Ukraine

76. 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.

77. 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 <sup>a</sup>	920 836 933	t CO <sub>2</sub> 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 <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	2 005 097 291	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	401 576 280	408 448 101	401 019 458
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-594 997	-665 523	-764 046

Parameter	Emissions/removals of greenhouse gases (t CO <sub>2</sub> eq)		
	In 2011 (final values based on the 2013 submissions)	In 2011 (provisional values based on the 2014 submissions)	In 2012 (provisional values based on the 2014 submissions)
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-61 282 085	-61 339 283	-60 968 288

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 2012 (final values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	4 163 258 438	138 833	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
<b>Total</b>	<b>4 163 258 438</b>	<b>138 833</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

Abbreviations: AAUs = assigned amount units, CERs = 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 2013 (provisional values)**

Account type	AAUs	ERUs	RMUs	CERs	tCERs	ICERs
Party holding	4 027 882 220	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<b>Total</b>	<b>4 027 882 220</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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		145 076 096	NO			
External transactions	18 789 985	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>18 789 985</b>	<b>145 076 096</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	145 076 096	NO	NO	NO	NO	NO
External transactions	9 090 107	145 214 929	NO	NO	NO	NO
<b>Total transactions</b>	<b>154 166 203</b>	<b>145 214 929</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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. United Kingdom of Great Britain and Northern Ireland**

78. 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.

79. 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 <sup>a</sup>	779 904 144	t CO <sub>2</sub> 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	88	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	3 412 080 630	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	3 070 872 567	t CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> 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 <sub>2</sub> eq

<sup>a</sup> 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 2011 and 2012**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq)</i>		
	<i>In 2011 (final values based on the 2013 submissions)</i>	<i>In 2011 (provisional values based on the 2014 submissions)</i>	<i>In 2012 (provisional values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	567 390 770	569 273 197	586 357 129
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-2 506 722	-1 700 922	-1 831 283
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-7 222 124	-15 088 551	-14 562 492

*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 2012 (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	2 829 669 817	117 217	NO	56 031	NO	NO
Entity holding	17 310	85 244 678	NO	32 557 906	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	36 687	NO	NO	1 869 841	NO	NO
Retirement	922 284 658	3 234 025	NO	30 271 290	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
<b>Total</b>	<b>3 752 008 472</b>	<b>88 595 920</b>	<b>NO</b>	<b>64 755 068</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	2 375 484 897	18 871 468	NO	24 987 401	NO	NO
Entity holding	8 180 485	43 005 996	NO	35 740 761	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	45 658	13 341	NO	1 943 095	NO	NO
Retirement	922 284 658	3 234 025	NO	30 271 290	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
<b>Total</b>	<b>3 305 995 698</b>	<b>65 124 830</b>	<b>NO</b>	<b>92 942 547</b>	<b>NO</b>	<b>NO</b>

*Abbreviations:* AAUs = assigned amount units, CERs = 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 2013 (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	10 191 419	107 600 756	NO	108 027 261	NO	NO
<b>Total transactions</b>	<b>10 191 419</b>	<b>107 600 756</b>	<b>NO</b>	<b>108 027 261</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	8 971	13 341	NO	73 254	NO	NO
External transactions	456 204 193	131 071 846	NO	79 839 782	NO	NO
<b>Total transactions</b>	<b>456 213 164</b>	<b>131 085 187</b>	<b>NO</b>	<b>79 913 036</b>	<b>NO</b>	<b>NO</b>

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