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Item 9(b) 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 2015**

**Note by the secretariat**

**Addendum**

**Compilation and accounting information by Party**

*Summary*

This document contains detailed accounting data reported by Parties included in Annex I<sup>1</sup> with commitments inscribed in Annex B to the Kyoto Protocol (Annex B Parties) for the first commitment period under the Kyoto Protocol and, if available, also for the second commitment period. The document is an addendum to the annual compilation and accounting report for Annex B Parties under the Kyoto Protocol for 2015 (FCCC/KP/CMP/2015/6) and should be read in conjunction with that report.

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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.

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## I. Introduction

1. Document FCCC/KP/CMP/2015/6 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<sup>2</sup> 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 2014. The information includes the following for the first commitment period:

- (a) Final values for key initial accounting parameters under the Kyoto Protocol;
- (b) Final values for emissions/removals of greenhouse gases (GHGs) in 2012;
- (c) Total quantities of Kyoto Protocol units by account type at the end of 2013 (final values) and 2014 (provisional values).

2. The report to facilitate the calculation of the assigned amount for the second commitment period of the Kyoto Protocol and the supplementary information under Article 7, paragraph 1, of the Kyoto Protocol have not been received because the full set of decisions on reporting, review, accounting and adjustments for the second commitment period of the Kyoto Protocol has not been adopted.

3. Further, for the Annex B Parties that have submitted the following information by 9 November 2015, the information provided in this document is provisional, pending the completion of its annual review under Article 8 of the Kyoto Protocol.<sup>3</sup> This information will be updated 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:

- (a) Total GHG emissions from the sources listed in Annex A to the Kyoto Protocol reported for 2013;
- (b) GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol;
- (c) Transactions and holdings of Kyoto Protocol units for the second commitment period as at 31 December 2013 and 31 December 2014.

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

5. The annual information submitted in 2015 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.

6. The status of eligibility of Parties included in Annex I with a commitment inscribed in the third column of Annex B as contained in annex I to decision 1/CMP.8 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.

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<sup>2</sup> The term "Party included in Annex I" is defined in Article 1, paragraph 7, of the Kyoto Protocol.

<sup>3</sup> The submissions from the European Union member States were made under the Convention only and not under the Kyoto Protocol, as explained in the relevant national inventory reports.

## II. Australia

7. Australia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 11 July 2009. As at 9 November 2015, Australia continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period in accordance with decision 1/CMP.8.

8. 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 for the first commitment period.

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 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	27 384 992	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 the assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol.

Table 2

### Australia's emissions/removals of greenhouse gases in 2012 (final values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	543 648 448
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	21 298 729
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	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 2013**  
**(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	2 851 869 652	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 4  
**Australia's total quantities of Kyoto Protocol units by account type at the end of 2014**  
**(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	11 198 436	NO	NO	NO
Entity holding	NO	NO	NO	228 958	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	103 408 630	NO	84 838 606	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 300 861	250 000	NO	296 262	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>250 000</b>	<b>96 037 042</b>	<b>525 220</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 2014 (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	25 907 257			
External transactions	NO	100 000	NO	713 954	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>100 000</b>	<b>25 907 257</b>	<b>713 954</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	100 000	38 543 673	167 436	NO	NO
External transactions	NO	NO	NO	362 662	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>100 000</b>	<b>38 543 673</b>	<b>530 098</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.

9. As at 9 November 2015, Australia has submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period. Tables 6–8 provide detailed information on Australia's GHG emissions and removals, and the internal and external transactions of CER units for the second commitment period.

Table 6  
Australia's emissions/removals of greenhouse gases in 2013 (provisional values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2013 (provisional values based on the 2015 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	541 923 594
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	20 524 826
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-8 183 251

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

Table 7  
Australia's total quantities of certified emission reduction units at the end of 2013 (provisional values) and 2014 (provisional values)

<i>Account type</i>	<i>End of 2013 (provisional values)</i>	<i>End of 2014 (provisional values)</i>
<b>Total</b>	<b>NO</b>	<b>NO</b>

*Abbreviation:* NO = not occurring.

Table 8  
**Australia's total transactions of certified emission reduction units in 2013 (provisional values) and 2014 (provisional values)**

<i>Transaction type</i>	<i>2013</i>	<i>2014</i>
<i>Additions</i>		
Internal transactions		
External transactions	NO	130 870
<b>Total transactions</b>	<b>NO</b>	<b>130 870</b>
<i>Subtractions</i>		
Internal transactions	NO	NO
External transactions	NO	130 870
<b>Total transactions</b>	<b>NO</b>	<b>130 870</b>

*Abbreviation:* NO = not occurring.

### III. Austria

10. Austria met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 5 April 2008. As at 9 November 2015, Austria continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

11. Tables 9–13 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 for the first commitment period.

Table 9  
**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 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	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	3 952 483	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 10  
Austria's emissions/removals of greenhouse gases in 2012 (final values)

Parameter	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	80 059 363
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 505 584
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 11  
Austria's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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 12  
Austria's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	59 566 475	12 918	NO	5 027 759	NO	NO
Entity holding	35 101 000	299 853	NO	145 905	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	271 343 449	10 793 761	NO	28 198 618	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
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>366 010 924</b>	<b>11 106 532</b>	<b>NO</b>	<b>33 372 284</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 13

**Austria's total transactions of Kyoto Protocol units in 2014 (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	54 667	360	NO	234 861	NO	NO
<b>Total transactions</b>	<b>54 667</b>	<b>360</b>	<b>NO</b>	<b>234 861</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	1	NO	NO
External transactions	NO	NO	NO	51 274	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>51 275</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.

12. For Austria, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 79,599,183 t carbon dioxide equivalent (CO<sub>2</sub> eq) (provisional values based on the 2015 submissions).

13. As at 9 November 2015, the cut-off date for information for this report, Austria had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## IV. Belgium

14. Belgium met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008. As at 9 November 2015, Belgium continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

15. Tables 14–18 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 for the first commitment period.

Table 14

**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 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	673 995 528	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	582 601 577	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	7 286 438	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 15

**Belgium's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	116 520 315
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	191 502
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 16

**Belgium's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<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 17  
**Belgium's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	383 201 979	41	NO	120 807	NO	NO
Entity holding	1 934 828	1 413 253	NO	17 814 935	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>607 059 089</b>	<b>6 811 006</b>	<b>NO</b>	<b>31 610 663</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 18  
**Belgium's total transactions of Kyoto Protocol units in 2014 (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	26 870	779 150	NO	3 188 572	NO	NO
<b>Total transactions</b>	<b>26 870</b>	<b>779 150</b>	<b>NO</b>	<b>3 188 572</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	2 907 512	NO	431 420	NO	NO

<b>Total transactions</b>	<b>NO</b>	<b>2 907 512</b>	<b>NO</b>	<b>431 420</b>	<b>NO</b>	<b>NO</b>
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*Abbreviations:* AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

16. For Belgium, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 119,424,131 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

17. As at 9 November 2015, the cut-off date for information for this report, Belgium had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## V. Bulgaria

18. 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. As at 9 November 2015, Bulgaria continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

19. Tables 19–23 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 for the first commitment period.

Table 19

### 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 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	306 295 417	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	6 630 933	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 20  
**Bulgaria's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	61 259 083
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-994 521
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 21  
**Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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 22  
**Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	447 163 652	1 351 671	NO	383 370	NO	NO
Entity holding	5 352	24 795	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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>547 682 126</b>	<b>14 964 184</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 23

**Bulgaria's total transactions of Kyoto Protocol units in 2014 (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	34 052	21 442	NO	NO	NO	NO
<b>Total transactions</b>	<b>34 052</b>	<b>21 442</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.

20. For Bulgaria, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 55,893,220 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

21. As at 9 November 2015, the cut-off date for information for this report, Bulgaria had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## VI. Croatia

22. On 8 February 2012, the enforcement branch of the Compliance Committee decided that there was no longer a question of implementation with respect to Croatia's eligibility and that Croatia was then fully eligible to participate in the mechanisms under Articles 6, 12 and 17 of the Kyoto Protocol. As at 9 November 2015, Croatia continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

23. Tables 24–28 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 for the first commitment period.

Table 24

**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 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	132 248 085	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	1 566 090	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 25

**Croatia's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	26 449 617
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-114 246
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-6 988 730

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

Table 26

**Croatia's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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



<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<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 27

**Croatia's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	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 28

**Croatia's total transactions of Kyoto Protocol units in 2014 (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

<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>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.

24. For Croatia, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 24,492,777 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

25. As at 9 November 2015, the cut-off date for information for this report, Croatia had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## VII. Czech Republic

26. 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. As at 9 November 2015, the Czech Republic continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

27. Tables 29–33 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 for the first commitment period.

Table 29

### 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 limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	893 541 801	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	657 330 150	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	9 712 411	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 30  
**The Czech Republic's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	131 466 030
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-200 129
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-6 911 287

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

Table 31  
**The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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 32  
**The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	348 536 263	14 006	NO	5 750	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	27	NO	NO	8 157	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	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>683 186 585</b>	<b>18 749 949</b>	<b>NO</b>	<b>19 888 351</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 33

**The Czech Republic's total transactions of Kyoto Protocol units in 2014 (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	7 616	14 006	NO	11 393	NO	NO
<b>Total transactions</b>	<b>7 616</b>	<b>14 006</b>	<b>NO</b>	<b>11 393</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	6 222	NO	NO
External transactions	NO	18 747	NO	12 159	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>18 747</b>	<b>NO</b>	<b>18 381</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.

28. For the Czech Republic, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 127,143,930 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

29. As at 9 November 2015, the cut-off date for information for this report, the Czech Republic had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## VIII. Denmark

30. Denmark met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 20 April 2008. As at 9 November 2015, Denmark continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

31. Tables 34–38 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 for the first commitment period.

Table 34

**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 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	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	3 498 904	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 35

**Denmark's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	52 247 694
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	148 029
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-997 064

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

Table 36

**Denmark's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 37

**Denmark's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	7 042 025	7 681 651	NO	NO
Entity holding	3 809	78 075	NO	93 183	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	45 099	NO	1 590 143	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	161 400	81 076	NO	27 068	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>15 206 691</b>	<b>8 920 413</b>	<b>10 359 977</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 38

**Denmark's total transactions of Kyoto Protocol units in 2014 (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	1 977 690			
External transactions	NO	198 466	NO	782 307	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>198 466</b>	<b>1 977 690</b>	<b>782 307</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	67 702	1 037 948	21 936	NO	NO
External transactions	NO	268 115	NO	266 340	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>NO</b>	<b>335 817</b>	<b>1 037 948</b>	<b>288 276</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.

32. As at 9 November 2015, the cut-off date for information for this report, Denmark had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## IX. Estonia

33. Estonia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 15 April 2008. As at 9 November 2015, Estonia continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

34. Tables 39–43 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 for the first commitment period.

Table 39

### 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 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	95 947 352	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	2 131 116	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 40  
**Estonia's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	19 189 470
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	306 587
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 41  
**Estonia's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	64 267 827	2 181 908	NO	424 474	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	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 42  
**Estonia's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	64 271 264	2 181 908	NO	424 474	NO	NO
Entity holding	NO	NO	NO	1 120	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



<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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>117 573 064</b>	<b>2 322 942</b>	<b>NO</b>	<b>442 149</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.

Table 43

**Estonia's total transactions of Kyoto Protocol units in 2014 (provisional values)**

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	3 437	NO	NO	1 120	NO	NO
<b>Total transactions</b>	<b>3 437</b>	<b>NO</b>	<b>NO</b>	<b>1 120</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.

35. For Estonia, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 21,741,093 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

36. As at 9 November 2015, the cut-off date for information for this report, Estonia had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## X. European Union

37. 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. As at 9 November 2015, the European Union continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period in accordance with decision 1/CMP.8.

38. Tables 44–51 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 for the first commitment period. Accounting data for the EU-15<sup>4</sup> do not include units held in the European Community registry, which are presented in separate tables.

Table 44

**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 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 2012 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	0	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	0	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	0	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 45

**The European Union's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	3 622 921 983
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-16 568 613
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-255 724 946

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

Table 46

**Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2013, 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	11 922 731 791	203 909 615	29 750 309	215 366 734	3 238 425	NO

<sup>4</sup> At the time of the deposit by the European Community of its instrument of approval to the Kyoto Protocol, 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.

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 deposit by the European Community of its instrument of approval to the Kyoto Protocol – 31 May 2002, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 47

**Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2013, 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	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 48  
**Total quantities of Kyoto Protocol units held by the EU-15 at the end of 2014, 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	11 595 433 331	156 576 624	30 690 051	173 223 881	3 555 899	NO
Entity holding	47 467 337	34 319 883	NO	63 582 147	1 486 130	NO
Article 3, paragraphs 3 and 4, net source cancellation	12 709 792	NO	40 038 645	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	249 885	408 683	NO	7 451 774	NO	NO
Retirement	6 965 994 734	151 712 547	288 245	445 516 068	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
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>18 621 855 079</b>	<b>343 017 737</b>	<b>71 016 941</b>	<b>689 773 870</b>	<b>5 042 029</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 deposit by the European Community of its instrument of approval to the Kyoto Protocol – 31 May 2002, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 49  
**Total quantities of Kyoto Protocol units held in the European Community registry at the end of 2014, 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	1 761 840 096	255 537 262	NO	223 718 697	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	2 539 558	NO	3 289 498	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>1 761 840 096</b>	<b>258 076 820</b>	<b>NO</b>	<b>227 008 195</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 50  
**Total transactions of Kyoto Protocol units carried out by the EU-15 in 2014**  
**(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		1 255	13 219 524			
External transactions	7 000 000	30 740 956	NO	26 528 189	493 241	NO
<b>Total transactions</b>	<b>7 000 000</b>	<b>30 742 211</b>	<b>13 219 524</b>	<b>26 528 189</b>	<b>493 241</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	1 255	174 748	12 279 782	2 649 047	NO	NO
External transactions	5 978 794	27 083 354	NO	8 783 178	NO	NO
<b>Total transactions</b>	<b>5 980 049</b>	<b>27 258 102</b>	<b>12 279 782</b>	<b>11 432 225</b>	<b>NO</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 deposit by the European Community of its instrument of approval to the Kyoto Protocol – 31 May 2002, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 51  
**Total transactions of Kyoto Protocol units carried out by the European Community registry in 2014 (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	88 317 436	NO	92 208 930	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>88 317 436</b>	<b>NO</b>	<b>92 208 930</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	528 779	NO	1 698 563	NO	NO
External transactions	2 059 189	26 850 392	NO	38 157 956	NO	NO
<b>Total transactions</b>	<b>2 059 189</b>	<b>27 379 171</b>	<b>NO</b>	<b>39 856 519</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.

39. As at 9 November 2015, the cut-off date for information for this report, the European Union had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XI. Finland

40. Finland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008. As at 9 November 2015, Finland continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

41. Tables 52–56 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 for the first commitment period.

Table 52

**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 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	355 017 545	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	304 828 656	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 53

**Finland’s emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	60 965 731
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 351 468
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	–35 598 200

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

Table 54

**Finland’s total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 55

**Finland's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	187 852 686	5 401 908	NO	8 687 461	17 712	NO
Entity holding	61 704	5 259	NO	252 923	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	41	NO	41 812	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>6 321 416</b>	<b>NO</b>	<b>16 314 015</b>	<b>17 712</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 56

**Finland's total transactions of Kyoto Protocol units in 2014 (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	6 922	NO	1 003 141	17 712	NO
<b>Total transactions</b>	<b>NO</b>	<b>6 922</b>	<b>NO</b>	<b>1 003 141</b>	<b>17 712</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	41	NO	20 067	NO	NO
External transactions	NO	80 477	NO	492 094	NO	NO

<b>Total transactions</b>	<b>NO</b>	<b>80 518</b>	<b>NO</b>	<b>512 161</b>	<b>NO</b>	<b>NO</b>
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*Abbreviations:* AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

42. For Finland, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 62,988,900 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

43. As at 9 November 2015, the cut-off date for information for this report, Finland had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XII. France

44. France met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 21 April 2008. As at 9 November 2015, France continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

45. Tables 57–61 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 for the first commitment period.

Table 57

### 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 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	2 819 626 640	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	2 451 496 921	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 58  
**France's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	490 299 384
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	3 658 886
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-59 394 016

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

Table 59  
**France's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	2 209 381 356	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		
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 60  
**France's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	2 209 381 356	14 719 408	23 648 026	18 447 077	NO	NO
Entity holding	NO	540 880	NO	829 824	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	12 664 693	NO	38 448 502	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	5 501	275 752	NO	634 119	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	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		
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>19 859 997</b>	<b>62 096 528</b>	<b>58 175 527</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 61

**France's total transactions of Kyoto Protocol units in 2014 (provisional values)**

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	11 241 834			
External transactions	NO	46 988	NO	1 723 602	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>46 988</b>	<b>11 241 834</b>	<b>1 723 602</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	98 558	11 241 834	26 595	NO	NO
External transactions	NO	244 639	NO	1 977 809	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>343 197</b>	<b>11 241 834</b>	<b>2 004 404</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.

46. As at 9 November 2015, the cut-off date for information for this report, France had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol.

47. Tables 62 and 63 provide detailed information on France's internal and external transactions of CER units for the second commitment period.

Table 62

**France's total quantities of certified emission reduction units at the end of 2013 (provisional values) and 2014 (provisional values)**

<i>Account type</i>	<i>End of 2013 (provisional values)</i>	<i>End of 2014 (provisional values)</i>
<b>Total</b>	<b>NO</b>	<b>389</b>

*Abbreviation:* NO = not occurring.

Table 63  
**France's total transactions of certified emission reduction units in 2013 (provisional values) and 2014 (provisional values)**

<i>Transaction type</i>	<i>2013</i>	<i>2014</i>
<i>Additions</i>		
Internal transactions		
External transactions	NO	165 854
<b>Total transactions</b>	<b>NO</b>	<b>165 854</b>
<i>Subtractions</i>		
Internal transactions	NO	NO
External transactions	NO	165 465
<b>Total transactions</b>	<b>NO</b>	<b>165 465</b>

*Abbreviation:* NO = not occurring.

### XIII. Germany

48. Germany met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 27 April 2008. As at 9 November 2015, Germany continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

49. Tables 64–68 provide detailed information on Germany's initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units for the first commitment period.

Table 64  
**Key initial accounting parameters under the Kyoto Protocol for Germany (final values)**

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions <sup>a</sup>	1 232 429 543	t CO <sub>2</sub> eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	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
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	61 621 477	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  
**Germany's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	939 083 309
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-3 767 575
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-46 565 947

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

Table 66  
**Germany's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	2 409 801 325	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 67  
**Germany's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	2 409 808 364	94 808 673	NO	45 248 939	NO	NO
Entity holding	NO	333 204	NO	1 785 232	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	26 662	NO	2 185 099	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	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>4 590 711 766</b>	<b>133 265 985</b>	<b>NO</b>	<b>173 437 998</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

**Germany's total transactions of Kyoto Protocol units in 2014 (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		1 255	NO			
External transactions	8 294	403 542	NO	5 666 389	NO	NO
<b>Total transactions</b>	<b>8 294</b>	<b>404 797</b>	<b>NO</b>	<b>5 666 389</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	1 255	8 386	NO	1 046 896	NO	NO
External transactions	NO	528 441	NO	3 659 078	NO	NO
<b>Total transactions</b>	<b>1 255</b>	<b>536 827</b>	<b>NO</b>	<b>4 705 974</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.

50. For Germany, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 950,660,845 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

51. As at 9 November 2015, the cut-off date for information for this report, Germany had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

**XIV. Greece**

52. On 17 April 2008, the enforcement branch of the Compliance Committee adopted a final decision indicating that Greece was 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. As at 9 November 2015, Greece continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

53. Tables 69–73 provide detailed information on Greece’s initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units for the first commitment period.

Table 69

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions <sup>a</sup>	106 987 169	t CO <sub>2</sub> eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	668 669 806	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	554 970 299	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	5 349 358	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

**Greece’s emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	110 994 060
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-44 133
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-1 756 401

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

Table 71

**Greece’s total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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</b>	<b>11 322 449</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 72

**Greece's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	3 139	NO	NO
Entity holding	NO	1	NO	103 731	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</b>	<b>11 322 450</b>	<b>NO</b>	<b>16 670 279</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

**Greece's total transactions of Kyoto Protocol units in 2014 (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	17 815	NO	108 246	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>17 815</b>	<b>NO</b>	<b>108 246</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	17 814	NO	1 454	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>NO</b>	<b>17 814</b>	<b>NO</b>	<b>1 454</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.

54. For Greece, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 105,110,513 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

55. As at 9 November 2015, the cut-off date for information for this report, Greece had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XV. Hungary

56. Hungary met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 30 December 2007. As at 9 November 2015, Hungary continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

57. Tables 74–78 provide detailed information on Hungary’s initial accounting parameters under the Kyoto Protocol, its GHG emissions and removals, the holdings of Kyoto Protocol units by account type, and transactions of Kyoto Protocol units for the first commitment period.

Table 74

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions <sup>a</sup>	115 397 149	t CO <sub>2</sub> eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	542 366 600	t CO <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	5 769 857	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  
Hungary's emissions/removals of greenhouse gases in 2012 (final values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	61 980 663
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 051 450
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-2 353 515

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

Table 76  
Hungary's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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
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 77  
Hungary's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	403 351 749	2 592 250	6 231 146	3 702 742	NO	NO
Entity holding	NO	NO	NO	2 697	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	220 661	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>495 124 162</b>	<b>3 765 194</b>	<b>6 265 760</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 78

**Hungary's total transactions of Kyoto Protocol units in 2014 (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		952 408	1 369 457			
External transactions	1 276	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>1 276</b>	<b>952 408</b>	<b>1 369 457</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	1 039 908	NO	NO	NO	NO	NO
External transactions	NO	22 644	NO	NO	NO	NO
<b>Total transactions</b>	<b>1 039 908</b>	<b>22 644</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.

58. As at 9 November 2015, the cut-off date for information for this report, Hungary had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XVI. Iceland

59. Iceland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 11 May 2008. As at 9 November 2015, Iceland continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

60. Tables 79–83 provide detailed information on Iceland'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 for the first commitment period.

Table 79  
**Key initial accounting parameters under the Kyoto Protocol for Iceland (final values)**

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions <sup>a</sup>	3 367 972	t CO <sub>2</sub> eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	110	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	18 523 847	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	16 671 462	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	168 399	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 80  
**Iceland's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	4 467 730
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-172 805
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-543 123

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

Table 81  
**Iceland's total quantities of Kyoto Protocol units by account type at the end of 2013 (final values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	18 524 029	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		

<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>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 82

**Iceland's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	6 986	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>18 524 029</b>	<b>5 087</b>	<b>NO</b>	<b>6 986</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 83

**Iceland's total transactions of Kyoto Protocol units in 2014 (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	6 986	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>6 986</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.

61. For Iceland, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 4,730,832 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

62. As at 9 November 2015, the cut-off date for information for this report, Iceland had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XVII. Ireland

63. Ireland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 19 April 2008. As at 9 November 2015, Ireland continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

64. Tables 84–88 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 for the first commitment period.

Table 84

### 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 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	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	2 780 392	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 85  
Ireland's emissions/removals of greenhouse gases in 2012 (final values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	58 531 238
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-3 622 349
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 86  
Ireland's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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 87  
Ireland's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	223 713 226	1 635 668	NO	903 808	NO	NO
Entity holding	1 810 375	74 964	NO	5 315 249	1 193 621	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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>292 244 072</b>	<b>2 949 515</b>	<b>NO</b>	<b>9 002 110</b>	<b>1 193 621</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 88

**Ireland's total transactions of Kyoto Protocol units in 2014 (provisional values)**

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	11 320	11 700	NO	410 360	142 192	NO
<b>Total transactions</b>	<b>11 320</b>	<b>11 700</b>	<b>NO</b>	<b>410 360</b>	<b>142 192</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	15 470	NO	372 267	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>15 470</b>	<b>NO</b>	<b>372 267</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.

65. For Ireland, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 58,754,732 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

66. As at 9 November 2015, the cut-off date for information for this report, Ireland had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

**XVIII. Italy**

67. Italy met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 19 April 2008. As at 9 November 2015, Italy continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

68. Tables 89–93 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 for the first commitment period.

Table 89

**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 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	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	25 842 544	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 90

**Italy's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	461 191 244
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-4 629 748
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-24 734 746

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

Table 91

**Italy's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	1 540 039 191	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



<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<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 92

**Italy's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	1 407 943 659	NO	NO	NO	NO	NO
Entity holding	1 970 000	155 515	NO	5 417 080	131 267	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	5 226	NO	NO
Retirement	870 357 412	29 167 171	NO	66 371 637	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
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>29 322 686</b>	<b>NO</b>	<b>71 793 943</b>	<b>131 267</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 93

**Italy's total transactions of Kyoto Protocol units in 2014 (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	353 100	NO	1 825 468	14 367	NO
<b>Total transactions</b>	<b>NO</b>	<b>353 100</b>	<b>NO</b>	<b>1 825 468</b>	<b>14 367</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	976	NO	NO
External transactions	NO	671 465	NO	1 601 895	NO	NO

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>lCERs</i>
<b>Total transactions</b>	<b>NO</b>	<b>671 465</b>	<b>NO</b>	<b>1 602 871</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.

69. For Italy, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 437,267,500 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

70. As at 9 November 2015, the cut-off date for information for this report, Italy had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## **XIX. Japan**

71. Japan met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol in relation to the first commitment period on 30 December 2007. Japan does not have a quantified emission limitation or reduction commitment for the second commitment period. Japan submitted its information on holdings and transactions of Kyoto Protocol units for the second commitment period.

72. Tables 94–98 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 for the first commitment period.

Table 94

### **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 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	63 066 571	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 95  
**Japan's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	1 343 136 786
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	1 460 497
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-54 302 187

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

Table 96  
**Japan's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	6 129 847 294	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 97  
**Japan's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	6 132 132 256	22 004 629	NO	99 728 953	460 295	NO
Entity holding	179 632	52 863	NO	7 234 099	814 089	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	20 864	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	23 000 000	NO	NO	36 085 909	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>6 155 311 888</b>	<b>22 057 492</b>	<b>NO</b>	<b>143 069 825</b>	<b>1 274 384</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 98

**Japan's total transactions of Kyoto Protocol units in 2014 (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	958 869	150 000	NO	3 255 503	152 104	NO
<b>Total transactions</b>	<b>958 869</b>	<b>150 000</b>	<b>NO</b>	<b>3 255 503</b>	<b>152 104</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	247 020	NO	9 037 694	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>247 020</b>	<b>NO</b>	<b>9 037 694</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.

73. As at 9 November 2015, the cut-off date for information for this report, Japan did not provide its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol.

74. Tables 99 and 100 provide detailed information on Japan's internal and external transactions of CER units for the second commitment period.

Table 99

**Japan's total quantities of certified emission reduction units at the end of 2013 (provisional values) and 2014 (provisional values)**

<i>Account type</i>	<i>End of 2013 (provisional values)</i>	<i>End of 2014 (provisional values)</i>
<b>Total</b>	<b>NO</b>	<b>51 293</b>

*Abbreviation:* NO = not occurring.

Table 100  
**Japan's total transactions of certified emission reduction units in 2013 (provisional values) and 2014 (provisional values)**

<i>Transaction type</i>	<i>2013</i>	<i>2014</i>
<i>Additions</i>		
Internal transactions		
External transactions	NO	51 293
<b>Total transactions</b>	<b>NO</b>	<b>51 293</b>
<i>Subtractions</i>		
Internal transactions	NO	NO
External transactions	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>

*Abbreviation:* NO = not occurring.

## XX. Latvia

75. Latvia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008. As at 9 November 2015, Latvia continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

76. Tables 101–105 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 for the first commitment period.

Table 101  
**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 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	54 898 239	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	1 295 458	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 102  
**Latvia's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	10 979 648
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	1 162 762
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-12 747 671

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

Table 103  
**Latvia's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	66 330 176	418 607	NO	322 904	NO	NO
Entity holding	NO	5 324	NO	16 107	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>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 104  
**Latvia's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	66 332 433	418 607	NO	322 904	NO	NO
Entity holding	NO	5 317	NO	21 550	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	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>76 831 579</b>	<b>472 937</b>	<b>NO</b>	<b>1 192 645</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 105

**Latvia's total transactions of Kyoto Protocol units in 2014 (provisional values)**

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	2 257	NO	NO	8 530	NO	NO
<b>Total transactions</b>	<b>2 257</b>	<b>NO</b>	<b>NO</b>	<b>8 530</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	7	NO	3 087	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>7</b>	<b>NO</b>	<b>3 087</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.

77. For Latvia, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 10,913,727 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

78. As at 9 November 2015, the cut-off date for information for this report, Latvia had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

**XXI. Liechtenstein**

79. Liechtenstein met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008. As at 9 November 2015, Liechtenstein continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

80. Tables 106–110 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 for the first commitment period.

Table 106

**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 limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 055 623	t CO <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	11 474	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 107

**Liechtenstein's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	225 298
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	3 965
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 108

**Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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



<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>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 109

**Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	4 760	230 000	NO	NO
Entity holding	NO	NO	NO	206 431	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	5 448	NO	9 985	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>436 431</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 110

**Liechtenstein's total transactions of Kyoto Protocol units in 2014 (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	203 206	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>203 206</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	383	NO	NO	NO
External transactions	NO	NO	NO	NO	NO	NO

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>383</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.

81. As at 9 November 2015, the cut-off date for information for this report, Liechtenstein had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXII. Lithuania

82. 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. As at 9 November 2015, Lithuania continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

83. Tables 111–115 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 for the first commitment period.

Table 111

### 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 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	108 113 775	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	2 470 719	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 112  
Lithuania's emissions/removals of greenhouse gases in 2012 (final values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	21 622 755
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-129 865
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-9 211 605

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

Table 113  
Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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 114  
Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	147 146 991	NO	NO	91	NO	NO
Entity holding	NO	3 998 002	NO	207 646	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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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>169 941 803</b>	<b>7 475 987</b>	<b>NO</b>	<b>3 555 868</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 115

**Lithuania's total transactions of Kyoto Protocol units in 2014 (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	1 723	77 027	NO	5 236	NO	NO
<b>Total transactions</b>	<b>1 723</b>	<b>77 027</b>	<b>NO</b>	<b>5 236</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	1 009 199	NO	34 788	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>1 009 199</b>	<b>NO</b>	<b>34 788</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.

84. For Lithuania, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 19,946,100 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

85. As at 9 November 2015, the cut-off date for information for this report, Lithuania had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXIII. Luxembourg

86. Luxembourg met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008. As at 9 November 2015, Luxembourg continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

87. Tables 116–120 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 for the first commitment period.

Table 116

**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 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	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	658 375	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 117

**Luxembourg's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	11 838 188
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-100 902
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 118

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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 119

**Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	45 643 995	389 668	NO	4 626 797	262 563	NO
Entity holding	NO	NO	NO	97 232	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>53 689 729</b>	<b>389 668</b>	<b>NO</b>	<b>5 263 757</b>	<b>262 563</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 120

**Luxembourg's total transactions of Kyoto Protocol units in 2014 (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	489	NO	NO	773 829	28 739	NO
<b>Total transactions</b>	<b>489</b>	<b>NO</b>	<b>NO</b>	<b>773 829</b>	<b>28 739</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	NO	NO	NO	29 298	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>NO</b>	<b>NO</b>	<b>NO</b>	<b>29 298</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.

88. As at 9 November 2015, the cut-off date for information for this report, Luxembourg had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXIV. Monaco

89. Monaco met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 7 September 2008. As at 9 November 2015, Monaco continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

90. Tables 121–125 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 for the first commitment period.

Table 121

### 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
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	495 221	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	445 699	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	0	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	5 383	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 122  
**Monaco's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	93 470
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	NA
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 123  
**Monaco's total quantities of Kyoto Protocol units by account type at the end of 2013 (final values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	NO	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<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, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

Table 124  
**Monaco's total quantities of Kyoto Protocol units by account type at the end of 2014 (provisional values)**

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



<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>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.

Table 125

**Monaco's total transactions of Kyoto Protocol units in 2014 (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.

91. As at 9 November 2015, the cut-off date for information for this report, Monaco had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol.

92. Tables 126 and 127 provide detailed information on Monaco's internal and external transactions of CER units in 2014, in the second commitment period. Monaco had not submitted holdings and transactions of Kyoto Protocol units for 2013, in the second commitment period, as at 9 November 2015, the cut-off date for information for this report.

Table 126

**Monaco's total quantities of certified emission reduction units at the end of 2014 (provisional values)**

<i>Account type</i>	<i>End of 2014 (provisional values)</i>
<b>Total</b>	<b>NO</b>

*Abbreviation:* NO = not occurring.

Table 127

**Monaco's total transactions of certified emission reduction units in 2014 (provisional values)**

<i>Transaction type</i>	<i>2014</i>
<i>Additions</i>	
Internal transactions	
External transactions	NO
<b>Total transactions</b>	<b>NO</b>
<i>Subtractions</i>	
Internal transactions	NO
External transactions	NO
<b>Total transactions</b>	<b>NO</b>

*Abbreviation:* NO = not occurring.

**XXV. Netherlands**

93. 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. As at 9 November 2015, the Netherlands continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

94. Tables 128–132 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 for the first commitment period.

Table 128

**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 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	1 001 262 141	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	10 651 725	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  
**The Netherlands's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	191 668 698
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	409 853
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 130  
**The Netherlands's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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 131  
**The Netherlands's total quantities of Kyoto Protocol units by account type at the end of 2014 (provisional values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	172 035 039	8 551 398	NO	31 965 623	26 573	NO
Entity holding	45 628	13 912 326	NO	650 519	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	10 901	NO	705 957	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	776 133 816	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>948 225 913</b>	<b>33 502 029</b>	<b>NO</b>	<b>50 895 518</b>	<b>26 573</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

**The Netherlands's total transactions of Kyoto Protocol units in 2014 (provisional values)**

<i>Transaction type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
<i>Additions</i>						
Internal transactions		NO	NO			
External transactions	19 821	15 451 406	NO	4 280 050	26 573	NO
<b>Total transactions</b>	<b>19 821</b>	<b>15 451 406</b>	<b>NO</b>	<b>4 280 050</b>	<b>26 573</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	1	NO	315 600	NO	NO
External transactions	NO	17 387 245	NO	12 556 245	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>17 387 246</b>	<b>NO</b>	<b>12 871 845</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.

95. For the Netherlands, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 195,807,028 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

96. As at 9 November 2015, the cut-off date for information for this report, the Netherlands had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXVI. New Zealand

97. New Zealand met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol in relation to the first commitment period on 31 December 2007. New Zealand does not have a quantified emission limitation or reduction commitment for the second commitment period. It submitted its information on holdings and transactions of Kyoto Protocol units for the second commitment period.

98. Tables 133–137 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 for the first commitment period.

Table 133

**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 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 134

**New Zealand’s emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	76 047 981
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	–14 968 612
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 135

**New Zealand’s total quantities of Kyoto Protocol units by account type at the end of 2013 (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	302 802 271	45 535 954	8 012 771	7 601 797	NO	NO
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		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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>9 050 000</b>	<b>10 864 195</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 136  
**New Zealand's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	302 803 330	77 390 474	8 671 868	9 656 714	NO	NO
Entity holding	2 939 178	23 468 049	378 132	8 427 326	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	35 008	NO	NO	38 189	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>100 858 523</b>	<b>9 050 000</b>	<b>18 122 229</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  
**New Zealand's total transactions of Kyoto Protocol units in 2014 (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	23 447 465	NO	13 984 503	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>23 447 465</b>	<b>NO</b>	<b>13 984 503</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	8 358	NO	NO	14 218	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	NO	2 450 039	NO	6 726 469	NO	NO
<b>Total transactions</b>	<b>8 358</b>	<b>2 450 039</b>	<b>NO</b>	<b>6 740 687</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.

99. For New Zealand, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 80,961,641 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

100. As at 9 November 2015, the cut-off date for information for this report, New Zealand did not provide its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol.

101. Tables 138–139 provide detailed information on New Zealand's internal and external transactions of CER units for the second commitment period.

Table 138

**New Zealand's total quantities of certified emission reduction units at the end of 2013 (provisional values) and 2014 (provisional values)**

<i>Account type</i>	<i>End of 2013 (provisional values)</i>	<i>End of 2014 (provisional values)</i>
<b>Total</b>	<b>NO</b>	<b>NO</b>

*Abbreviation:* NO = not occurring.

Table 139

**New Zealand's total transactions of certified emission reduction units in 2013 (provisional values) and 2014 (provisional values)**

<i>Transaction type</i>	<i>2013</i>	<i>2014</i>
<i>Additions</i>		
Internal transactions		
External transactions	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>		
Internal transactions	NO	NO
External transactions	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>

*Abbreviation:* NO = not occurring.

## XXVII. Norway

102. Norway met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008. As at 9 November 2015, Norway continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

103. Tables 140–144 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 for the first commitment period.

Table 140

**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 limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	101	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	250 576 797	t CO <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	2 480 958	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 141

**Norway’s emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	52 757 239
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 012 375
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	–30 187 295

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

Table 142

**Norway’s total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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



<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
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 143

**Norway's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	744 743	NO	17 915 872	17 712	NO
Entity holding	89 996	110 497	NO	639 001	17 712	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	477 311	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>3 065 093</b>	<b>NO</b>	<b>25 843 538</b>	<b>35 424</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 144

**Norway's total transactions of Kyoto Protocol units in 2014 (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	67 982	NO	1 562 442	35 424	NO
<b>Total transactions</b>	<b>NO</b>	<b>67 982</b>	<b>NO</b>	<b>1 562 442</b>	<b>35 424</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	108 747	NO	NO
External transactions	NO	157 558	NO	782 435	NO	NO

<b>Total transactions</b>	<b>NO</b>	<b>157 558</b>	<b>NO</b>	<b>891 182</b>	<b>NO</b>	<b>NO</b>
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*Abbreviations:* AAUs = assigned amount units, CERs = certified emission reductions, ERUs = emission reduction units, ICERs = long-term certified emission reductions, NO = not occurring, RMUs = removal units, tCERs = temporary certified emission reductions.

104. As at 9 November 2015, the cut-off date for information for this report, Norway had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol.

105. Tables 145 and 146 provide detailed information on Norway's internal and external transactions of CER units in 2014, in the second commitment period. Norway had not submitted holdings and transactions of Kyoto Protocol units for 2013, in the second commitment period, as at 9 November 2015, the cut-off date for information for this report.

Table 145

**Norway's total quantities of certified emission reduction units at the end of 2014 (provisional values)**

<i>Account type</i>	<i>End of 2014 (provisional values)</i>
<b>Total</b>	<b>987 881</b>

Table 146

**Norway's total transactions of certified emission reduction units in 2014 (provisional values)**

<i>Transaction type</i>	<i>2014</i>
<i>Additions</i>	
Internal transactions	
External transactions	1 154 070
<b>Total transactions</b>	<b>1 154 070</b>
<i>Subtractions</i>	
Internal transactions	NO
External transactions	167 074
<b>Total transactions</b>	<b>167 074</b>

*Abbreviation:* NO = not occurring.

## XXVIII. Poland

106. Poland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 29 April 2008. As at 9 November 2015, Poland continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

107. Tables 147–151 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 for the first commitment period.

Table 147  
**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 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	1 996 339 848	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	28 172 139	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 148  
**Poland's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	399 267 970
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-2 488 094
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-36 413 307

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

Table 149  
**Poland's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	1 835 474 000	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		

<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>2 399 563 355</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 150

**Poland's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	1 835 417 543	28 646 450	NO	36 064 005	NO	NO
Entity holding	NO	4 832 129	NO	25 711	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>2 399 506 898</b>	<b>35 540 041</b>	<b>NO</b>	<b>64 930 538</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.

Table 151

**Poland's total transactions of Kyoto Protocol units in 2014 (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		56 457	NO			
External transactions	NO	33 888	NO	21 660	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>90 345</b>	<b>NO</b>	<b>21 660</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	56 457	NO	NO	NO	NO	NO
External transactions	NO	1 151 081	NO	1	NO	NO
<b>Total transactions</b>	<b>56 457</b>	<b>1 151 081</b>	<b>NO</b>	<b>1</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.

108. For Poland, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 394,891,524 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

109. As at 9 November 2015, the cut-off date for information for this report, Poland had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXIX. Portugal

110. Portugal met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 28 April 2008. As at 9 November 2015, Portugal continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

111. Tables 152–156 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 for the first commitment period.

Table 152

### 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 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	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	3 007 382	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 153  
**Portugal's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	68 853 774
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-2 448 713
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-7 483 556

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

Table 154  
**Portugal's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	222 828 261	NO	NO	NO	NO	NO
Entity holding	4 400 000	44 271	NO	5 578 686	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	64 695	NO	NO
Retirement	117 895 696	4 567 634	NO	10 119 578	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
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</b>	<b>15 762 959</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.

Table 155  
**Portugal's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	223 196 257	NO	NO	1 329	NO	NO
Entity holding	4 400 000	44 503	NO	3 977 747	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	162 462	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	117 895 696	4 567 634	NO	10 119 578	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
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>345 491 953</b>	<b>4 612 137</b>	<b>NO</b>	<b>14 261 116</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

**Portugal's total transactions of Kyoto Protocol units in 2014 (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	367 996	232	NO	613 919	NO	NO
<b>Total transactions</b>	<b>367 996</b>	<b>232</b>	<b>NO</b>	<b>613 919</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	97 767	NO	NO
External transactions	NO	NO	NO	2 115 762	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>2 213 529</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.

112. For Portugal, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 65,071,457 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

113. As at 9 November 2015, the cut-off date for information for this report, Portugal had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

**XXX. Romania**

114. 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. As at 9 November 2015, Romania continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

115. Tables 157–161 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 for the first commitment period.

Table 157

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions <sup>a</sup>	278 225 022	t CO <sub>2</sub> eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 279 835 099	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	593 945 216	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	13 911 251	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 158

**Romania’s emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	118 789 043
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 079 337
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-20 978 246

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

Table 159

**Romania’s total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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		



<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	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 160

**Romania's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	1 251	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>16 320 261</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 161

**Romania's total transactions of Kyoto Protocol units in 2014 (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	59 931	NO	NO	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>59 931</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.

116. As at 9 November 2015, the cut-off date for information for this report, Romania had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

### XXXI. Russian Federation

117. The Russian Federation met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol in relation to the first commitment period on 20 June 2008. The Russian Federation does not have a quantified emission limitation or reduction commitment for the second commitment period.

118. Tables 162–166 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 for the first commitment period.

Table 162

#### 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 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	11 485 758 990	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 163  
**The Russian Federation's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	2 297 151 798
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	9 210 436
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-524 413 366

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

Table 164  
**The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2013 (final values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	16 276 694 776	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 165  
**The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2014 (provisional values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	16 276 694 776	NO	417 405 954	NO	NO	NO
Entity holding	52 655 346	11 548 063	174 687	NO	NO	NO
Article 3, paragraphs 3 and 4, net source cancellation	26 607 307	NO	60 269 528	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	NO	NO	NO

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>16 355 957 429</b>	<b>11 548 063</b>	<b>477 850 169</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 166

**The Russian Federation's total transactions of Kyoto Protocol units in 2014 (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		2 788 604	11 947 042			
External transactions	NO	105 443	NO	NO	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>2 894 047</b>	<b>11 947 042</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	47 811 904	NO	NO	NO
External transactions	NO	105 443	NO	NO	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>105 443</b>	<b>47 811 904</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.

119. As at 9 November 2015, the Russian Federation has submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol. Table 167 provides detailed information on the Russian Federation's GHG emissions and removals.

Table 167

**The Russian Federation's emissions/removals of greenhouse gases in 2013 (provisional values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2013 (provisional values based on the 2015 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	2 799 434 177
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	14 509 769

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2013 (provisional values based on the 2015 submissions)</i>
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	- 413 370 626

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

120. As at 9 November 2015, the cut-off date for information for this report, the Russian Federation did not provide its annual information on holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXXII. Slovakia

121. Slovakia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 4 February 2008. As at 9 November 2015, Slovakia continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

122. Tables 168–172 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 for the first commitment period.

Table 168

### 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 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	215 591 676	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	3 602 538	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

### Slovakia's emissions/removals of greenhouse gases in 2012 (final values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	43 118 335

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-381 797
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	NA

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

Table 170  
**Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	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 171  
**Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	143 006 634	2	NO	3 534	NO	NO
Entity holding	124 081	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	2 379	NO	NO	1	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

<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>244 880 919</b>	<b>292 785</b>	<b>NO</b>	<b>9 743 581</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 172

**Slovakia's total transactions of Kyoto Protocol units in 2014 (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	NO	893	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>1</b>	<b>NO</b>	<b>893</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	1	NO	NO
External transactions	7 000 000	2 649	NO	NO	NO	NO
<b>Total transactions</b>	<b>7 000 000</b>	<b>2 649</b>	<b>NO</b>	<b>1</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.

123. For Slovakia, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 43,679,162 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

124. As at 9 November 2015, the cut-off date for information for this report, Slovakia had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

**XXXIII. Slovenia**

125. Slovenia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 22 April 2008. As at 9 November 2015, Slovenia continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

126. Tables 173–177 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 for the first commitment period.

Table 173  
**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 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	1 017 702	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  
**Slovenia's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	18 910 982
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	221 761
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-6 250 224

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

Table 175  
**Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	56 552 560	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		



<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>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 176

**Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	1	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>4 683 999</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 177

**Slovenia's total transactions of Kyoto Protocol units in 2014 (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	NO	NO	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>1</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	209	NO	NO	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>209</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.

127. For Slovenia, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 18,165,819 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

128. As at 9 November 2015, the cut-off date for information for this report, Slovenia had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXXIV. Spain

129. Spain met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 19 April 2008. As at 9 November 2015, Spain continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

130. Tables 178–182 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 for the first commitment period.

Table 178

**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 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	1 666 195 929	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	14 488 660	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 179  
Spain's emissions/removals of greenhouse gases in 2012 (final values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	340 808 593
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-7 907 621
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-25 111 768

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

Table 180  
Spain's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	1 152 497 781	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		
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 181  
Spain's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	1 159 497 781	14 975 156	NO	38 265 228	3 190 217	NO
Entity holding	NO	490 466	NO	3 113 623	161 242	NO
Article 3, paragraphs 3 and 4, net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	722	910	NO	5 738	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	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>1 645 000 342</b>	<b>25 918 815</b>	<b>NO</b>	<b>100 046 030</b>	<b>3 351 459</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

**Spain's total transactions of Kyoto Protocol units in 2014 (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	7 000 000	203 693	NO	1 869 679	235 316	NO
<b>Total transactions</b>	<b>7 000 000</b>	<b>203 693</b>	<b>NO</b>	<b>1 869 679</b>	<b>235 316</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	60	NO	429	NO	NO
External transactions	NO	325 281	NO	3 557 923	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>325 341</b>	<b>NO</b>	<b>3 558 352</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.

131. For Spain, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 322,002,758 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

132. As at 9 November 2015, the cut-off date for information for this report, Spain had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXXV. Sweden

133. Sweden met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 19 April 2008. As at 9 November 2015, Sweden continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

134. Tables 183–187 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 for the first commitment period.

Table 183

**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 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	375 188 561	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	288 052 241	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	3 607 582	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 184

**Sweden's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	57 610 448
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	2 529 515
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-39 558 432

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

Table 185

**Sweden's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	273 196 005	3 318 764	NO	9 661 471	30 492	NO
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

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<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 186

**Sweden's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	273 196 005	3 318 764	NO	12 218 540	58 834	NO
Entity holding	6	51 543	NO	295 565	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	667 327	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>350 247 833</b>	<b>3 389 935</b>	<b>NO</b>	<b>16 589 687</b>	<b>58 834</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

**Sweden's total transactions of Kyoto Protocol units in 2014 (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	60 350	NO	3 599 788	28 342	NO
<b>Total transactions</b>	<b>NO</b>	<b>60 350</b>	<b>NO</b>	<b>3 599 788</b>	<b>28 342</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	54 700	NO	NO
External transactions	8 294	85 926	NO	1 994 970	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>8 294</b>	<b>85 926</b>	<b>NO</b>	<b>2 049 670</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.

135. For Sweden, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 55,774,132 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

136. As at 9 November 2015, the cut-off date for information for this report, Sweden had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXXVI. Switzerland

137. Switzerland met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 10 March 2008. As at 9 November 2015, Switzerland continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

138. Tables 188–192 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 for the first commitment period.

Table 188

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

<i>Parameter</i>	<i>Value</i>	<i>Unit</i>
Total base year emissions <sup>a</sup>	52 790 957	t CO <sub>2</sub> eq
Quantified limitation and reduction commitment as inscribed in Annex B to the Kyoto Protocol or in accordance with Article 4 of the Kyoto Protocol	92	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	242 838 402	t CO <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	2 639 548	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 189  
Switzerland's emissions/removals of greenhouse gases in 2012 (final values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	51 478 559
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	204 733
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-2 236 379

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

Table 190  
Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2013 (final values)

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	239 651 621	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</b>	<b>44 352 490</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 191  
Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	242 650 590	558 645	8 652 013	17 286 778	NO	NO
Entity holding	10 836 240	26 962 275	NO	17 598 412	106 695	NO
Article 3, paragraphs 3 and 4, net source cancellation	172 587	NO	628 867	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	128 586	116 253	NO	1 760 680	8 098	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>253 788 003</b>	<b>27 637 173</b>	<b>9 280 880</b>	<b>36 645 870</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 192

**Switzerland's total transactions of Kyoto Protocol units in 2014 (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	6 576 685			
External transactions	5 978 794	45 769 490	NO	31 727 724	NO	NO
<b>Total transactions</b>	<b>5 978 794</b>	<b>45 769 490</b>	<b>6 576 685</b>	<b>31 727 724</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	19 618	7 526	139 278	706 684	NO	NO
External transactions	958 869	68 137 939	NO	39 434 344	NO	NO
<b>Total transactions</b>	<b>978 487</b>	<b>68 145 465</b>	<b>139 278</b>	<b>40 141 028</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.

139. As at 9 November 2015, the cut-off date for information for this report, Switzerland had not submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol.

140. Tables 193 and 194 provide detailed information on Switzerland's internal and external transactions of CER units for the second commitment period.

Table 193

**Switzerland's total quantities of certified emission reduction units at the end of 2013 (provisional values) and 2014 (provisional values)**

<i>Account type</i>	<i>End of 2013 (provisional values)</i>	<i>End of 2014 (provisional values)</i>
<b>Total</b>	<b>231 622</b>	<b>3 710 907</b>

*Abbreviation:* NO = not occurring.

Table 194  
**Switzerland's total transactions of certified emission reduction units in 2013 (provisional values) and 2014 (provisional values)**

<i>Transaction type</i>	<i>2013</i>	<i>2014</i>
<i>Additions</i>		
Internal transactions		
External transactions	403 959	5 726 518
<b>Total transactions</b>	<b>403 959</b>	<b>5 726 518</b>
<i>Subtractions</i>		
Internal transactions	NO	31 122
External transactions	172 337	2 247 233
<b>Total transactions</b>	<b>172 337</b>	<b>2 278 355</b>

*Abbreviation:* NO = not occurring.

## XXXVII. Ukraine

141. 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. As at 9 November 2015, Ukraine continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

142. Tables 195–199 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 for the first commitment period.

Table 195  
**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 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	2 013 329 750	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 196

**Ukraine's emissions/removals of greenhouse gases in 2012 (final values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	402 665 950
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-764 012
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-59 987 292

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

Table 197

**Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2013 (final values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	4 027 882 220	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
<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 198

**Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2014 (provisional values)**

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Party holding	4 000 542 103	533 410	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		

<i>Account type</i>	<i>AAUs</i>	<i>ERUs</i>	<i>RMUs</i>	<i>CERs</i>	<i>tCERs</i>	<i>ICERs</i>
Other cancellation	NO	NO	NO	NO	NO	NO
Retirement	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>4 000 542 103</b>	<b>533 410</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 199

**Ukraine's total transactions of Kyoto Protocol units in 2014 (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		27 340 117	NO			
External transactions	NO	533 410	NO	NO	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>27 873 527</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	27 340 117	NO	NO	NO	NO	NO
External transactions	NO	27 340 117	NO	NO	NO	NO
<b>Total transactions</b>	<b>27 340 117</b>	<b>27 340 117</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.

143. As at 9 November 2015, Ukraine has submitted its annual information on anthropogenic GHG emissions in 2013 from sources listed in Annex A to the Kyoto Protocol; GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol. Table 200 provides detailed information on Ukraine's GHG emissions and removals.

Table 200

**Ukraine's emissions/removals of greenhouse gases in 2013 (provisional values)**

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2013 (provisional values based on the 2015 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	385 933 203
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	- 8 954 876
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	- 73 774 216

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

144. As at 9 November 2015, the cut-off date for information for this report, Ukraine had not submitted its annual information on holdings and transactions of Kyoto Protocol units for the second commitment period.

## XXXVIII. United Kingdom of Great Britain and Northern Ireland

145. 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. As at 9 November 2015, the United Kingdom of Great Britain and Northern Ireland continued to be eligible to transfer and acquire Kyoto Protocol units valid for the second commitment period.

146. Tables 201–205 provide detailed information on the United Kingdom of Great Britain and Northern 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 for the first commitment period.

Table 201

### Key initial accounting parameters under the Kyoto Protocol for the United Kingdom of Great Britain and Northern Ireland (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 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	3 412 080 630	t CO <sub>2</sub> eq
Commitment period reserve after the 2012 annual review	2 931 785 647	t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the United Kingdom of Great Britain and Northern Ireland'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 of Great Britain and Northern Ireland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	38 995 207	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 202

### The United Kingdom of Great Britain and Northern Ireland's emissions/removals of greenhouse gases in 2012 (final values)

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Emissions of greenhouse gases from sources listed in Annex A to the Kyoto Protocol	586 357 129
Net emissions or removals from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol (afforestation and reforestation, and deforestation)	-1 831 283

<i>Parameter</i>	<i>Emissions/removals of greenhouse gases (t CO<sub>2</sub> eq) in 2012 (final values based on the 2014 submissions)</i>
Net emissions or removals from LULUCF activities under Article 3, paragraph 4, of the Kyoto Protocol	-14 562 492

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

Table 203  
**The United Kingdom of Great Britain and Northern Ireland's total quantities of Kyoto Protocol units by account type at the end of 2013 (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	2 375 484 897	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 204  
**The United Kingdom of Great Britain and Northern Ireland's total quantities of Kyoto Protocol units by account type at the end of 2014 (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	2 377 012 562	NO	NO	25 723	NO	NO
Entity holding	2 201 691	16 920 041	NO	23 689 399	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	3 007 175	NO	NO
Retirement	922 284 658	22 105 493	NO	55 258 669	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
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>3 301 544 569</b>	<b>39 038 875</b>	<b>NO</b>	<b>81 980 966</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 205

**The United Kingdom of Great Britain and Northern Ireland's total transactions of Kyoto Protocol units in 2014 (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	1 547 486	15 992 493	NO	17 966 019	NO	NO
<b>Total transactions</b>	<b>1 547 486</b>	<b>15 992 493</b>	<b>NO</b>	<b>17 966 019</b>	<b>NO</b>	<b>NO</b>
<i>Subtractions</i>						
Internal transactions	NO	NO	NO	1 064 080	NO	NO
External transactions	5 998 615	42 078 448	NO	28 927 600	NO	NO
<b>Total transactions</b>	<b>5 998 615</b>	<b>42 078 448</b>	<b>NO</b>	<b>29 991 680</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.

147. For the United Kingdom of Great Britain and Northern Ireland, the emissions and removals of GHGs in 2013 from sources listed in Annex A to the Kyoto Protocol amount to 575,695,981 t CO<sub>2</sub> eq (provisional values based on the 2015 submissions).

148. As at 9 November 2015, the cut-off date for information for this report, the United Kingdom of Great Britain and Northern Ireland had not submitted its annual information on GHG emissions and removals in 2013 from land use, land-use change and forestry activities under Article 3, paragraph 3, of the Kyoto Protocol and under Article 3, paragraph 4, of the Kyoto Protocol; and holdings and transactions of Kyoto Protocol units for the second commitment period.