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**Item 11 (c) of the provisional agenda**  
**Review of implementation of commitments and of other provisions of the Kyoto Protocol**  
**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**

**Note by the secretariat**

**Addendum**

**Compilation and accounting information by Party**

*Summary*

This document contains detailed information on the key initial accounting parameters under the Kyoto Protocol recorded in the compilation and accounting database after completion of the initial review pursuant to decision 22/CMP.1 and the resolution of any questions of implementation. It also contains provisional information as reported by Parties on anthropogenic greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol reported voluntarily for 2007, and transactions and holdings of Kyoto Protocol units for the first year of the commitment period (2008). This provisional information will be finalized after completion of the annual review and the resolution of any question of implementation.

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## I. Introduction

1. Document FCCC/KP/CMP/2009/15 provides an overview of the information on initial accounting parameters for the first commitment period of the Kyoto Protocol recorded in the compilation and accounting database for Parties to the Convention that are also Parties to the Kyoto Protocol with commitments inscribed in Annex B to the Kyoto Protocol (Annex B Parties). It also provides an overview of provisional annual information as reported by Parties on: (1) total greenhouse gas (GHG) emissions from the sources listed in Annex A to the Kyoto Protocol reported voluntarily for 2007; and (2) transactions and holdings of Kyoto Protocol units for the first year of the commitment period (2008). The annual review of information reported by Annex B Parties in 2009 pursuant to decision 22/CMP.1 has been initiated and was in progress at the time of preparation of this document. The annual information will be finalized and recorded in the compilation and accounting database after completion of the annual review and resolution of any question of implementation.
2. This document contains detailed information on these accounting parameters for individual Annex B Parties as follows:<sup>1</sup>
  - (a) Key initial accounting parameters for Annex B Parties that were established based on the information provided in the initial reports;
  - (b) The annual accounting parameters for 2009 and emissions data for 2007.

## II. Australia

3. Australia met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 11 July 2009.
4. Tables 1–4 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 1. Key initial accounting parameters under the Kyoto Protocol for Australia**

Parameter	Value	Unit
Total base year greenhouse gas 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
Initial value of commitment period reserve	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 additions to Australia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	29 575 791	t CO <sub>2</sub> eq

<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.

<sup>1</sup> Full annual submissions of GHG inventories and accounting information by Parties are available on the UNFCCC website at <[http://unfccc.int/national\\_reports/annex\\_i\\_ghg\\_inventories/national\\_inventories\\_submissions/items/4771.php](http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/4771.php)>.

**Table 2. Australia's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	541 178 732	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 3. Australia's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	-	-	-	-	-	-
Entity holding	-	-	-	-	-	-
Article 3.3/3.4 net source cancellation	-	-	-	-	-	-
Non-compliance cancellation	-	-	-	-	-	-
Other cancellation	-	-	-	-	-	-
Retirement	-	-	-	-	-	-
tCER replacement for expiry	-	-	-	-	-	-
ICER replacement for expiry	-	-	-	-	-	-
ICER replacement for reversal in storage	-	-	-	-	-	-
ICER replacement for non-submission of certification report	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-

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

Note: Australia did not submit the standard electronic format tables in 2009, hence values for the total quantities of different Kyoto Protocol units by account type at the end of 2008 are not available.

**Table 4. Australia's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions	-	-	-	-	-	-
External transactions	-	-	-	-	-	-
<b>Total transactions</b>	-	-	-	-	-	-
<b>Subtractions</b>						
Internal transactions	-	-	-	-	-	-
External transactions	-	-	-	-	-	-
<b>Total transactions</b>	-	-	-	-	-	-

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

Note: Australia did not submit the standard electronic format tables in 2009, hence values for the total transactions of different Kyoto Protocol units by transaction type in 2008 are not available.

### III. Austria

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

6. Tables 5–8 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 5. Key initial accounting parameters under the Kyoto Protocol for Austria**

Parameter	Value	Unit
Total base year greenhouse gas 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	87	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	343 866 009	t CO <sub>2</sub> eq
Commitment period reserve after 2008 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 additions to Austria's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 438 660	t CO <sub>2</sub> eq

<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.

**Table 6. Austria's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	87 958 348	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 7. Austria's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	314 197 710	NO	NO	NO	NO	NO
Entity holding	20 628 626	NO	NO	3 234 495	NO	NO
Article 3.3/3.4 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>334 826 336</b>	<b>NO</b>	<b>NO</b>	<b>3 234 495</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 8. Austria's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions		NO	NO			
External transactions	13 716 307	NO	NO	4 029 096	NO	NO
<b>Total transactions</b>	<b>13 716 307</b>	<b>NO</b>	<b>NO</b>	<b>4 029 096</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	22 755 980	NO	NO	794 601	NO	NO
<b>Total transactions</b>	<b>22 755 980</b>	<b>NO</b>	<b>NO</b>	<b>794 601</b>	<b>NO</b>	<b>NO</b>

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

## IV. Belgium

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

8. Tables 9–12 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 9. Key initial accounting parameters under the Kyoto Protocol for Belgium**

Parameter	Value	Unit
Total base year greenhouse gas 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	92.5	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	673 995 528	t CO <sub>2</sub> eq
Commitment period reserve after 2008 annual review	606 595 975	t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Belgium's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	550 000	t CO <sub>2</sub> eq
Limitation on the total additions to Belgium's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 739 955	t CO <sub>2</sub> eq

<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.

**Table 10. Belgium's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	131 300 794	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 11. Belgium's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	621 413 760	NO	NO	NO	NO	NO
Entity holding	38 178 720	NO	NO	1 184 339	NO	NO
Article 3.3/3.4 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>659 592 480</b>	<b>NO</b>	<b>NO</b>	<b>1 184 339</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. Belgium's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	5 542 343	NO	NO	1 355 572	NO	NO
<b>Total transactions</b>	<b>5 542 343</b>	<b>NO</b>	<b>NO</b>	<b>1 355 572</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	19 945 391	NO	NO	171 233	NO	NO
<b>Total transactions</b>	<b>19 945 391</b>	<b>NO</b>	<b>NO</b>	<b>171 233</b>	<b>NO</b>	<b>NO</b>

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

## V. Bulgaria

9. Bulgaria met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 25 November 2008.

10. Tables 13–16 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 13. Key initial accounting parameters under the Kyoto Protocol for Bulgaria**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	359 260 403	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 additions to Bulgaria's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 100 458	t CO <sub>2</sub> eq

<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.

**Table 14. Bulgaria's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	75 792 791	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 15. Bulgaria's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	610 045 827	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3.3/3.4 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>610 045 827</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 16. Bulgaria's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
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>
	<b>Subtractions</b>					
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.

## VI. Canada

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

12. Tables 17–20 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 17. Key initial accounting parameters under the Kyoto Protocol for Canada**

Parameter	Value	Unit
Total base year greenhouse gas emissions <sup>a</sup>	593 998 462	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	2 791 792 771	t CO <sub>2</sub> eq
Commitment period reserve after 2008 annual review	2 512 613 494	t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Canada's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	220 000 000	t CO <sub>2</sub> eq
Limitation on the total additions to Canada's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	27 917 928	t CO <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.

**Table 18. Canada's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	747 041 309	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 19. Canada's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	-	-	-	-	-	-
Entity holding	-	-	-	-	-	-
Article 3.3/3.4 net source cancellation	-	-	-	-	-	-
Non-compliance cancellation	-	-	-	-	-	-
Other cancellation	-	-	-	-	-	-
Retirement	-	-	-	-	-	-
tCER replacement for expiry	-	-	-	-	-	-
ICER replacement for expiry	-	-	-	-	-	-
ICER replacement for reversal in storage	-	-	-	-	-	-
ICER replacement for non-submission of certification report	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-

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

Note: Canada did not submit the standard electronic format tables in 2009, hence values for the total quantities of different Kyoto Protocol units by account type at the end of 2008 are not available.

**Table 20. Canada's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions	-	-	-	-	-	-
External transactions	-	-	-	-	-	-
<b>Total transactions</b>	-	-	-	-	-	-
<b>Subtractions</b>						
Internal transactions	-	-	-	-	-	-
External transactions	-	-	-	-	-	-
<b>Total transactions</b>	-	-	-	-	-	-

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

Note: Canada did not submit the standard electronic format tables in 2009, hence values for the total transactions of different Kyoto Protocol units by transaction type in 2008 are not available.

## VII. Czech Republic

13. 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.

14. Tables 21–24 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 21. Key initial accounting parameters under the Kyoto Protocol for the Czech Republic**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	741 019 720	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 additions to the Czech Republic's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	8 935 418	t CO <sub>2</sub> eq

<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.

**Table 22. The Czech Republic's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	150 823 320	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 23. The Czech Republic's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	807 595 046	NO	NO	NO	NO	NO
Entity holding	56 992 508	NO	NO	4 329 134	NO	NO
Article 3.3/3.4 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>864 587 554</b>	<b>NO</b>	<b>NO</b>	<b>4 329 134</b>	<b>NO</b>	<b>NO</b>

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

**Table 24. The Czech Republic's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	6 423 610	NO	NO	5 052 040	NO	NO
<b>Total transactions</b>	<b>6 423 610</b>	<b>NO</b>	<b>NO</b>	<b>5 052 040</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	35 377 857	NO	NO	722 906	NO	NO
<b>Total transactions</b>	<b>35 377 857</b>	<b>NO</b>	<b>NO</b>	<b>722 906</b>	<b>NO</b>	<b>NO</b>

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

## VIII. Denmark

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

16. Tables 25–28 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 25. Key initial accounting parameters under the Kyoto Protocol for Denmark**

Parameter	Value	Unit
Total base year greenhouse gas 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	79	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	276 838 955	t CO <sub>2</sub> eq
Commitment period reserve after 2008 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 additions to Denmark's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 768 390	t CO <sub>2</sub> eq

<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.

**Table 26. Denmark's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	67 320 693	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 27. Denmark's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	253 327 684	NO	NO	148 482	NO	NO
Entity holding	40 892 515	NO	NO	3 318 774	NO	NO
Article 3.3/3.4 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>294 220 199</b>	<b>NO</b>	<b>NO</b>	<b>3 467 256</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. Denmark's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	191 772 275	NO	NO	27 439 229	NO	NO
<b>Total transactions</b>	<b>191 772 275</b>	<b>NO</b>	<b>NO</b>	<b>27 439 229</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	174 391 031	NO	NO	23 971 973	NO	NO
<b>Total transactions</b>	<b>174 391 031</b>	<b>NO</b>	<b>NO</b>	<b>23 971 973</b>	<b>NO</b>	<b>NO</b>

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

## IX. Estonia

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

18. Tables 29–32 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 29. Key initial accounting parameters under the Kyoto Protocol for Estonia**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	94 380 896	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 additions to Estonia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	1 960 626	t CO <sub>2</sub> eq

<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.

**Table 30. Estonia's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	22 018 677	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 31. Estonia's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	184 384 380	NO	NO	NO	NO	NO
Entity holding	12 826 257	NO	NO	NO	NO	NO
Article 3.3/3.4 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>197 210 637</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 32. Estonia's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	1 238 538	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>1 238 538</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	90 538	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>90 538</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

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

## X. European Community

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

20. Tables 33–36 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 33. Key initial accounting parameters under the Kyoto Protocol for the European Community**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	17 659 243 358	t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the European Community's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	NA	t CO <sub>2</sub> eq
Limitation on the total additions to the European Community's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	NA	t CO <sub>2</sub> eq

Abbreviation: NA = not applicable.

<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.

**Table 34. The European Community's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	4 051 963 901	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 35. The European Community's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>European Community registry</b>						
Party holding	NO	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3.3/3.4 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>
<b>Aggregated value of 15 member States of the European Community</b>						
Party holding	18 147 376 437	NO	NO	8 692 470	NO	NO
Entity holding	1 521 358 730	NO	NO	130 272 542	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2717	NO	NO	489 061	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>19 668 737 884</b>	<b>NO</b>	<b>NO</b>	<b>139 454 073</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 36. The European Community's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>European Community registry</b>						
<b>Additions</b>						
Internal transactions		NO	NO			
External transactions	18 057 525	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>18 057 525</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	18 057 525	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>18 057 525</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>Aggregated values of 15 member States of the European Community</b>						
<b>Additions</b>						
Internal transactions		NO	NO			
External transactions	90 399 722	NO	NO	221 673 854	NO	NO
<b>Total transactions</b>	<b>90 399 722</b>	<b>NO</b>	<b>NO</b>	<b>221 673 854</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	2 717	NO	NO	489 061	NO	NO
External transactions	48 732 661	NO	NO	82 687 283	NO	NO
<b>Total transactions</b>	<b>48 735 378</b>	<b>NO</b>	<b>NO</b>	<b>83 176 344</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.

## XI. Finland

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

22. Tables 37–40 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 37. Key initial accounting parameters under the Kyoto Protocol for Finland**

Parameter	Value	Unit
Total base year greenhouse gas 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	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	355 017 545	t CO <sub>2</sub> eq
Commitment period reserve after 2008 annual review	319 515 791	t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from Finland's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	2 933 333	t CO <sub>2</sub> eq
Limitation on the total 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

<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.

**Table 38. Finland's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	78 345 344	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 39. Finland's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	318 858 851	NO	NO	51 768	NO	NO
Entity holding	33 914 666	NO	NO	1 789 331	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	27	NO	NO	2	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>352 773 544</b>	<b>NO</b>	<b>NO</b>	<b>1 841 101</b>	<b>NO</b>	<b>NO</b>

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

**Table 40. Finland's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions		NO	NO			
External transactions	8 452 348	NO	NO	2 452 985	NO	NO
<b>Total transactions</b>	<b>8 452 348</b>	<b>NO</b>	<b>NO</b>	<b>2 452 985</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	27	NO	NO	2	NO	NO
External transactions	10 696 349	NO	NO	611 884	NO	NO
<b>Total transactions</b>	<b>10 696 376</b>	<b>NO</b>	<b>NO</b>	<b>611 886</b>	<b>NO</b>	<b>NO</b>

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

## XII. France

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

24. Tables 41–44 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 41. Key initial accounting parameters under the Kyoto Protocol for France**

Parameter	Value	Unit
Total base year greenhouse gas 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	100	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 819 626 640	t CO <sub>2</sub> eq
Commitment period reserve after 2008 annual review	2 537 663 976	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 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

<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.

**Table 42. France's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	531 104 625	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 43. France's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	2 686 250 584	NO	NO	NO	NO	NO
Entity holding	135 106 817	NO	NO	12 160 430	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	2 000	NO	NO	15 040	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>2 821 359 401</b>	<b>NO</b>	<b>NO</b>	<b>12 175 470</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 44. France's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	182 209 881	NO	NO	36 455 001	NO	NO
<b>Total transactions</b>	<b>182 209 881</b>	<b>NO</b>	<b>NO</b>	<b>36 455 001</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	2 000	NO	NO	15 040	NO	NO
External transactions	180 477 120	NO	NO	24 279 531	NO	NO
<b>Total transactions</b>	<b>180 479 120</b>	<b>NO</b>	<b>NO</b>	<b>24 294 571</b>	<b>NO</b>	<b>NO</b>

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

### XIII. Germany

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

26. Tables 45–48 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 45. Key initial accounting parameters under the Kyoto Protocol for Germany**

Parameter	Value	Unit
Total base year greenhouse gas 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	79	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	4 868 096 694	t CO <sub>2</sub> eq
Commitment period reserve after 2008 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 additions to Germany's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	48 680 967	t CO <sub>2</sub> eq

<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.

**Table 46. Germany's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	956 113 074	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 47. Germany's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	4 430 221 473	NO	NO	NO	NO	NO
Entity holding	445 334 075	NO	NO	40 041 182	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	215	NO	NO	100 425	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>4 875 555 763</b>	<b>NO</b>	<b>NO</b>	<b>40 141 607</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. Germany's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	111 031 173	NO	NO	48 712 902	NO	NO
<b>Total transactions</b>	<b>111 031 173</b>	<b>NO</b>	<b>NO</b>	<b>48 712 902</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	215	NO	NO	100 425	NO	NO
External transactions	103 572 104	NO	NO	8 571 295	NO	NO
<b>Total transactions</b>	<b>103 572 319</b>	<b>NO</b>	<b>NO</b>	<b>8 671 720</b>	<b>NO</b>	<b>NO</b>

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

## XIV. Greece

27. Greece met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 14 November 2008.

28. Tables 49–52 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 49. Key initial accounting parameters under the Kyoto Protocol for Greece**

Parameter	Value	Unit
Total base year greenhouse gas 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	125	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	668 669 806	t CO <sub>2</sub> eq
Commitment period reserve after 2008 annual review	601 802 826	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 additions to Greece's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	6 686 698	t CO <sub>2</sub> eq

<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.

**Table 50. Greece's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	131 853 834	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 51. Greece's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	604 986 301	NO	NO	NO	NO	NO
Entity holding	63 662 745	NO	NO	53 000	NO	NO
Article 3.3/3.4 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>668 649 046</b>	<b>NO</b>	<b>NO</b>	<b>53 000</b>	<b>NO</b>	<b>NO</b>

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

**Table 52. Greece's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	42 000	NO	NO	53 945	NO	NO
<b>Total transactions</b>	<b>42 000</b>	<b>NO</b>	<b>NO</b>	<b>53 945</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	62 760	NO	NO	945	NO	NO
<b>Total transactions</b>	<b>62 760</b>	<b>NO</b>	<b>NO</b>	<b>945</b>	<b>NO</b>	<b>NO</b>

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

## XV. Hungary

29. Hungary met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 1 January 2008.

30. Tables 53–56 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 53. Key initial accounting parameters under the Kyoto Protocol for Hungary**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	393 124 799	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 additions to Hungary's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	5 423 666	t CO <sub>2</sub> eq

<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.

**Table 54. Hungary's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	75 943 517	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 55. Hungary's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	533 716 600	NO	NO	NO	NO	NO
Entity holding	746 000	NO	NO	610 118	NO	NO
Article 3.3/3.4 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>534 462 600</b>	<b>NO</b>	<b>NO</b>	<b>610 118</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 56. Hungary's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	746 000	NO	NO	640 118	NO	NO
<b>Total transactions</b>	<b>746 000</b>	<b>NO</b>	<b>NO</b>	<b>640 118</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	8 650 000	NO	NO	30 000	NO	NO
<b>Total transactions</b>	<b>8 650 000</b>	<b>NO</b>	<b>NO</b>	<b>30 000</b>	<b>NO</b>	<b>NO</b>

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

## XVI. Iceland

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

32. Tables 57–60 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 57. Key initial accounting parameters under the Kyoto Protocol for Iceland**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 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 additions to Iceland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	185 238	t CO <sub>2</sub> eq

<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.

**Table 58. Iceland's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	4 482 202	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 59. Iceland's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	-	-	-	-	-	-
Entity holding	-	-	-	-	-	-
Article 3.3/3.4 net source cancellation	-	-	-	-	-	-
Non-compliance cancellation	-	-	-	-	-	-
Other cancellation	-	-	-	-	-	-
Retirement	-	-	-	-	-	-
tCER replacement for expiry	-	-	-	-	-	-
ICER replacement for expiry	-	-	-	-	-	-
ICER replacement for reversal in storage	-	-	-	-	-	-
ICER replacement for non-submission of certification report	-	-	-	-	-	-
<b>Total</b>	-	-	-	-	-	-

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

Note: Iceland did not submit the standard electronic format tables in 2009, hence values for the total quantities of different Kyoto Protocol units by account type at the end of 2008 are not available.

**Table 60. Iceland's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions	-	-	-	-	-	-
External transactions	-	-	-	-	-	-
<b>Total transactions</b>	-	-	-	-	-	-
<b>Subtractions</b>						
Internal transactions	-	-	-	-	-	-
External transactions	-	-	-	-	-	-
<b>Total transactions</b>	-	-	-	-	-	-

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

Note: Iceland did not submit the standard electronic format tables in 2009, hence values for the total transactions of different Kyoto Protocol units by transaction type in 2008 are not available.

## XVII. Ireland

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

34. Tables 61–64 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 61. Key initial accounting parameters under the Kyoto Protocol for Ireland**

Parameter	Value	Unit
Total base year greenhouse gas 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	113	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	314 184 272	t CO <sub>2</sub> eq
Commitment period reserve after 2008 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 additions to Ireland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 141 843	t CO <sub>2</sub> eq

<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.

**Table 62. Ireland's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	69 205 155	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 63. Ireland's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	294 214 188	NO	NO	NO	NO	NO
Entity holding	20 753 605	NO	NO	3 670 980	NO	NO
Article 3.3/3.4 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>314 967 793</b>	<b>NO</b>	<b>NO</b>	<b>3 670 980</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 64. Ireland's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	2 029 090	NO	NO	3 778 980	NO	NO
<b>Total transactions</b>	<b>2 029 090</b>	<b>NO</b>	<b>NO</b>	<b>3 778 980</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	1 245 569	NO	NO	108 000	NO	NO
<b>Total transactions</b>	<b>1 245 569</b>	<b>NO</b>	<b>NO</b>	<b>108 000</b>	<b>NO</b>	<b>NO</b>

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

## XVIII. Italy

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

36. Tables 65–68 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 65. Key initial accounting parameters under the Kyoto Protocol for Italy**

Parameter	Value	Unit
Total base year greenhouse gas 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	93.5	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	2 416 277 898	t CO <sub>2</sub> eq
Commitment period reserve after 2008 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 additions to Italy's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	24 162 779	t CO <sub>2</sub> eq

<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.

**Table 66. Italy's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	552 771 350	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 67. Italy's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	2 232 035 444	NO	NO	NO	NO	NO
Entity holding	200 730 708	NO	NO	9 302 402	NO	NO
Article 3.3/3.4 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>2 432 766 152</b>	<b>NO</b>	<b>NO</b>	<b>9 302 402</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. Italy's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	20 292 957	NO	NO	19 276 322	NO	NO
<b>Total transactions</b>	<b>20 292 957</b>	<b>NO</b>	<b>NO</b>	<b>19 276 322</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	3 804 703	NO	NO	9 973 920	NO	NO
<b>Total transactions</b>	<b>3 804 703</b>	<b>NO</b>	<b>NO</b>	<b>9 973 920</b>	<b>NO</b>	<b>NO</b>

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

## XIX. Japan

37. Japan met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 1 January 2008.

38. Tables 69–72 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 69. Key initial accounting parameters under the Kyoto Protocol for Japan**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 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 additions to Japan's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	59 282 577	t CO <sub>2</sub> eq

<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.

**Table 70. Japan's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	1 374 255 515	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 71. Japan's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	5 928 257 666	NO	NO	NO	NO	NO
Entity holding	16 610 517	NO	NO	41 921 040	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	2 859	NO	NO
Retirement	NO	NO	NO	348 668	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>5 944 868 183</b>	<b>NO</b>	<b>NO</b>	<b>42 272 567</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. Japan's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	16 610 517	NO	NO	40 145 071	NO	NO
<b>Total transactions</b>	<b>16 610 517</b>	<b>NO</b>	<b>NO</b>	<b>40 145 071</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	2 859	NO	NO
External transactions	NO	NO	NO	10 685 906	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>10 688 765</b>	<b>NO</b>	<b>NO</b>

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

## XX. Latvia

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

40. Tables 73–76 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 73. Key initial accounting parameters under the Kyoto Protocol for Latvia**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	58 107 231	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 additions to Latvia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	1 191 821	t CO <sub>2</sub> eq

<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.

**Table 74. Latvia's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	12 082 666	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 75. Latvia's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	116 612 408	NO	NO	NO	NO	NO
Entity holding	2 752 354	NO	NO	110 000	NO	NO
Article 3.3/3.4 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>119 364 762</b>	<b>NO</b>	<b>NO</b>	<b>110 000</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 76. Latvia's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	Additions					
Internal transactions		NO	NO			
External transactions	295 088	NO	NO	110 000	NO	NO
<b>Total transactions</b>	<b>295 088</b>	<b>NO</b>	<b>NO</b>	<b>110 000</b>	<b>NO</b>	<b>NO</b>
Transaction type	Subtractions					
	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	112 456	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>112 456</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.

## XXI. Liechtenstein

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

42. Tables 77–80 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 77. Key initial accounting parameters under the Kyoto Protocol for Liechtenstein**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 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 additions to Liechtenstein's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	10 556	t CO <sub>2</sub> eq

<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.

**Table 78. Liechtenstein's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	243 478	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 79. Liechtenstein's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	1 034 521	NO	NO	NO	NO	NO
Entity holding	21 102	NO	NO	NO	NO	NO
Article 3.3/3.4 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>1 055 623</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 80. Liechtenstein's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
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>
	<b>Subtractions</b>					
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.

## XXII. Lithuania

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

44. Tables 81–84 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 81. Key initial accounting parameters under the Kyoto Protocol for Lithuania**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	116 108 865	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 additions to Lithuania's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 273 062	t CO <sub>2</sub> eq

<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.

**Table 82. Lithuania's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	24 738 389	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 83. Lithuania's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	220 172 157	NO	NO	NO	NO	NO
Entity holding	4 775 729	NO	NO	233 751	NO	NO
Article 3.3/3.4 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>224 947 886</b>	<b>NO</b>	<b>NO</b>	<b>233 751</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 84. Lithuania's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions		NO	NO			
External transactions	NO	NO	NO	271 751	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>271 751</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	2 358 291	NO	NO	38 000	NO	NO
<b>Total transactions</b>	<b>2 358 291</b>	<b>NO</b>	<b>NO</b>	<b>38 000</b>	<b>NO</b>	<b>NO</b>

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

## XXIII. Luxembourg

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

46. Tables 85–88 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 85. Key initial accounting parameters under the Kyoto Protocol for Luxembourg**

Parameter	Value	Unit
Total base year greenhouse gas 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	72	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	47 402 996	t CO <sub>2</sub> eq
Commitment period reserve after 2008 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 additions to Luxembourg's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	474 030	t CO <sub>2</sub> eq

<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.

**Table 86. Luxembourg's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	12 913 521	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 87. Luxembourg's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	44 914 767	NO	NO	56 456	NO	NO
Entity holding	2 239 681	NO	NO	114 890	NO	NO
Article 3.3/3.4 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>47 154 448</b>	<b>NO</b>	<b>NO</b>	<b>171 346</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 88. Luxembourg's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	NO	NO	NO	171 346	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>171 346</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	248 548	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>248 548</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.

## XXIV. Monaco

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

48. Tables 89–92 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 89. Key initial accounting parameters under the Kyoto Protocol for Monaco**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 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 additions to Monaco's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	4 952	t CO <sub>2</sub> eq

<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.

**Table 90. Monaco's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	97 779	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 91. Monaco's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	-	-	-	-	-	-
Entity holding	-	-	-	-	-	-
Article 3.3/3.4 net source cancellation	-	-	-	-	-	-
Non-compliance cancellation	-	-	-	-	-	-
Other cancellation	-	-	-	-	-	-
Retirement	-	-	-	-	-	-
tCER replacement for expiry	-	-	-	-	-	-
ICER replacement for expiry	-	-	-	-	-	-
ICER replacement for reversal in storage	-	-	-	-	-	-
ICER replacement for non-submission of certification report	-	-	-	-	-	-
Total	-	-	-	-	-	-

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

Note: Monaco did not submit the standard electronic format tables in 2009, hence values for the total quantities of different Kyoto Protocol units by account type at the end of 2008 are not available.

**Table 92. Monaco's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions	-	-	-	-	-	-
External transactions	-	-	-	-	-	-
<b>Total transactions</b>	-	-	-	-	-	-
<b>Subtractions</b>						
Internal transactions	-	-	-	-	-	-
External transactions	-	-	-	-	-	-
<b>Total transactions</b>	-	-	-	-	-	-

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

Note: Monaco did not submit the standard electronic format tables in 2009, hence values for the total transactions of different Kyoto Protocol units by transaction type in 2008 are not available.

## XXV. Netherlands

49. 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.

50. Tables 93–96 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 93. Key initial accounting parameters under the Kyoto Protocol for the Netherlands**

Parameter	Value	Unit
Total base year greenhouse gas 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	94	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 001 262 141	t CO <sub>2</sub> eq
Commitment period reserve after 2008 annual review	901 135 927	t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the Netherlands' 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 additions to the Netherlands' assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	10 012 621	t CO <sub>2</sub> eq

<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.

**Table 94. The Netherlands' emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	207 503 758	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 95. The Netherlands' total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	924 505 409	NO	NO	7 230 375	NO	NO
Entity holding	80 858 465	NO	NO	9 280 513	NO	NO
Article 3.3/3.4 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>1 005 363 874</b>	<b>NO</b>	<b>NO</b>	<b>16 510 888</b>	<b>NO</b>	<b>NO</b>

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

**Table 96. The Netherlands' total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	87 571 284	NO	NO	39 222 701	NO	NO
<b>Total transactions</b>	<b>87 571 284</b>	<b>NO</b>	<b>NO</b>	<b>39 222 701</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions		NO	NO	NO	NO	NO
External transactions	83 469 551	NO	NO	22 711 813	NO	NO
<b>Total transactions</b>	<b>83 469 551</b>	<b>NO</b>	<b>NO</b>	<b>22 711 813</b>	<b>NO</b>	<b>NO</b>

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

## XXVI. New Zealand

51. New Zealand met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 1 January 2008.

52. Tables 97–100 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 97. Key initial accounting parameters under the Kyoto Protocol for New Zealand**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 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 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

<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.

**Table 98. New Zealand's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	75 550 186	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 99. New Zealand's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	309 420 003	NO	NO	NO	NO	NO
Entity holding	24 730	120 000	NO	9 308	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	800	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>309 444 733</b>	<b>120 000</b>	<b>NO</b>	<b>10 108</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 100. New Zealand's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions		120 000	NO			
External transactions	NO	NO	NO	25 108	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>120 000</b>	<b>NO</b>	<b>25 108</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	120 000	NO	NO	800	NO	NO
External transactions	NO	NO	NO	15 000	NO	NO
<b>Total transactions</b>	<b>120 000</b>	<b>NO</b>	<b>NO</b>	<b>15 800</b>	<b>NO</b>	<b>NO</b>

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

## XXVII. Norway

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

54. Tables 101–104 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 101. Key initial accounting parameters under the Kyoto Protocol for Norway**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 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 additions to Norway's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 505 768	t CO <sub>2</sub> eq

<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.

**Table 102. Norway's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	55 050 117	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 103. Norway's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	250 576 797	NO	NO	51 768	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3.3/3.4 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>250 576 797</b>	<b>NO</b>	<b>NO</b>	<b>51 768</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. Norway's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	NO	NO	NO	51 768	NO	NO
<b>Total transactions</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>51 768</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
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.

## XXVIII. Poland

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

56. Tables 105–108 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 105. Key initial accounting parameters under the Kyoto Protocol for Poland**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	2 003 412 251	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 additions to Poland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	26 481 810	t CO <sub>2</sub> eq

<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.

**Table 106. Poland's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	398 881 406	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 107. Poland's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	2 648 181 038	NO	NO	NO	NO	NO
Entity holding	746 021	NO	NO	2 077 253	NO	NO
Article 3.3/3.4 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>2 648 927 059</b>	<b>NO</b>	<b>NO</b>	<b>2 077 253</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 108. Poland's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	Additions					
Internal transactions		NO	NO			
External transactions	3 952 462	NO	NO	2 161 253	NO	NO
<b>Total transactions</b>	<b>3 952 462</b>	<b>NO</b>	<b>NO</b>	<b>2 161 253</b>	<b>NO</b>	<b>NO</b>
Transaction type	Subtractions					
	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	3 206 441	NO	NO	84 000	NO	NO
<b>Total transactions</b>	<b>3 206 441</b>	<b>NO</b>	<b>NO</b>	<b>84 000</b>	<b>NO</b>	<b>NO</b>

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

## XXIX. Portugal

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

58. Tables 109–112 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 109. Key initial accounting parameters under the Kyoto Protocol for Portugal**

Parameter	Value	Unit
Total base year greenhouse gas 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	127	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	381 937 527	t CO <sub>2</sub> eq
Commitment period reserve after 2008 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 additions to Portugal's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 819 375	t CO <sub>2</sub> eq

<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.

**Table 110. Portugal's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	81 840 921	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 111. Portugal's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	351 723 379	NO	NO	NO	NO	NO
Entity holding	25 799 792	NO	NO	1 245 397	NO	NO
Article 3.3/3.4 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>377 523 171</b>	<b>NO</b>	<b>NO</b>	<b>1 245 397</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 112. Portugal's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	3 503 501	NO	NO	1 533 397	NO	NO
<b>Total transactions</b>	<b>3 503 501</b>	<b>NO</b>	<b>NO</b>	<b>1 533 397</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	7 917 857	NO	NO	288 000	NO	NO
<b>Total transactions</b>	<b>7 917 857</b>	<b>NO</b>	<b>NO</b>	<b>288 000</b>	<b>NO</b>	<b>NO</b>

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

### XXX. Romania

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

60. Tables 113–116 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 113. Key initial accounting parameters under the Kyoto Protocol for Romania**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	783 400 099	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 additions to Romania's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	12 798 351	t CO <sub>2</sub> eq

<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.

**Table 114. Romania's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	152 290 066	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 115. Romania's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	1 210 126 381	NO	NO	NO	NO	NO
Entity holding	65 035 033	NO	NO	16 600	NO	NO
Article 3.3/3.4 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>1 275 161 414</b>	<b>NO</b>	<b>NO</b>	<b>16 600</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 116. Romania's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions		NO	NO			
External transactions	407	NO	NO	16 600	NO	NO
<b>Total transactions</b>	<b>407</b>	<b>NO</b>	<b>NO</b>	<b>16 600</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	4 674 092	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>4 674 092</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.

## XXXI. Russian Federation

61. The Russian Federation met all the eligibility criteria and became eligible to participate in all the flexibility mechanisms under the Kyoto Protocol on 20 June 2008.

62. Tables 117–120 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 117. Key initial accounting parameters under the Kyoto Protocol for the Russian Federation**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	10 951 193 450	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 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

<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.

**Table 118. The Russian Federation's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	2 192 818 109	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 119. The Russian Federation's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	16 617 095 319	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3.3/3.4 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>16 617 095 319</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 120. The Russian Federation's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
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>
<b>Subtractions</b>						
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.

## XXXII. Slovakia

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

64. Tables 121–124 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 121. Key initial accounting parameters under the Kyoto Protocol for Slovakia**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	242 974 886	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 additions to Slovakia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 314 335	t CO <sub>2</sub> eq

<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.

**Table 122. Slovakia's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	46 950 669	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 123. Slovakia's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	284 144 497	NO	NO	NO	NO	NO
Entity holding	26 056 001	NO	NO	1 060 172	NO	NO
Article 3.3/3.4 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>310 200 498</b>	<b>NO</b>	<b>NO</b>	<b>1 060 172</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. Slovakia's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	Additions					
Internal transactions		NO	NO			
External transactions	2 212 812	NO	NO	1 073 173	NO	NO
<b>Total transactions</b>	<b>2 212 812</b>	<b>NO</b>	<b>NO</b>	<b>1 073 173</b>	<b>NO</b>	<b>NO</b>
Transaction type	Subtractions					
	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	23 445 830	NO	NO	13 001	NO	NO
<b>Total transactions</b>	<b>23 445 830</b>	<b>NO</b>	<b>NO</b>	<b>13 001</b>	<b>NO</b>	<b>NO</b>

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

### XXXIII. Slovenia

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

66. Tables 125–128 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 125. Key initial accounting parameters under the Kyoto Protocol for Slovenia**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 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 additions to Slovenia's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	936 286	t CO <sub>2</sub> eq

<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.

**Table 126. Slovenia's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	20 722 184	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 127. Slovenia's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	85 498 165	NO	NO	NO	NO	NO
Entity holding	7 930 263	NO	NO	387 734	NO	NO
Article 3.3/3.4 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>93 428 428</b>	<b>NO</b>	<b>NO</b>	<b>387 734</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 128. Slovenia's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	5 000	NO	NO	390 468	NO	NO
<b>Total transactions</b>	<b>5 000</b>	<b>NO</b>	<b>NO</b>	<b>390 468</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	205 165	NO	NO	2 734	NO	NO
<b>Total transactions</b>	<b>205 165</b>	<b>NO</b>	<b>NO</b>	<b>2 734</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.

## XXXIV. Spain

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

68. Tables 129–132 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 129. Key initial accounting parameters under the Kyoto Protocol for Spain**

Parameter	Value	Unit
Total base year greenhouse gas 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	115	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	1 666 195 929	t CO <sub>2</sub> eq
Commitment period reserve after 2008 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 additions to Spain's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	16 661 959	t CO <sub>2</sub> eq

<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.

**Table 130. Spain's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	442 321 556	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 131. Spain's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	1 521 385 490	NO	NO	1 205 389	NO	NO
Entity holding	134 980 481	NO	NO	18 937 930	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	164	NO	NO	NO	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>1 656 366 135</b>	<b>NO</b>	<b>NO</b>	<b>20 143 319</b>	<b>NO</b>	<b>NO</b>

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

**Table 132. Spain's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	22 964 972	NO	NO	30 348 255	NO	NO
<b>Total transactions</b>	<b>22 964 972</b>	<b>NO</b>	<b>NO</b>	<b>30 348 255</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	164	NO	NO	NO	NO	NO
External transactions	32 794 766	NO	NO	10 204 936	NO	NO
<b>Total transactions</b>	<b>32 794 930</b>	<b>NO</b>	<b>NO</b>	<b>10 204 936</b>	<b>NO</b>	<b>NO</b>

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

## XXXV. Sweden

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

70. Tables 133–136 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 133. Key initial accounting parameters under the Kyoto Protocol for Sweden**

Parameter	Value	Unit
Total base year greenhouse gas 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	104	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	375 188 561	t CO <sub>2</sub> eq
Commitment period reserve after 2008 annual review	337 669 705	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 additions to Sweden's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	3 751 886	t CO <sub>2</sub> eq

<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.

**Table 134. Sweden's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	65 412 113	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 135. Sweden's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	354 632 957	NO	NO	NO	NO	NO
Entity holding	19 597 548	NO	NO	1 181 299	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	231	NO	NO	27 768	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>374 230 736</b>	<b>NO</b>	<b>NO</b>	<b>1 209 067</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. Sweden's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
Internal transactions		NO	NO			
External transactions	3 709 576	NO	NO	2 802 469	NO	NO
<b>Total transactions</b>	<b>3 709 576</b>	<b>NO</b>	<b>NO</b>	<b>2 802 469</b>	<b>NO</b>	<b>NO</b>
	<b>Subtractions</b>					
Internal transactions	231	NO	NO	27 768	NO	NO
External transactions	4 667 401	NO	NO	1 593 402	NO	NO
<b>Total transactions</b>	<b>4 667 632</b>	<b>NO</b>	<b>NO</b>	<b>1 621 170</b>	<b>NO</b>	<b>NO</b>

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

## XXXVI. Switzerland

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

72. Tables 137–140 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 137. Key initial accounting parameters under the Kyoto Protocol for Switzerland**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 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 additions to Switzerland's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	2 428 384	t CO <sub>2</sub> eq

<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.

**Table 138. Switzerland's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	51 264 642	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

Abbreviation: NA = not applicable.

**Table 139. Switzerland's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	239 914 821	NO	NO	NO	NO	NO
Entity holding	23 782 823	NO	NO	18 033 992	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	NO	NO	NO	117 639	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
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>263 697 644</b>	<b>NO</b>	<b>NO</b>	<b>18 151 631</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 140. Switzerland's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions		NO	NO			
External transactions	42 859 242	NO	NO	114 864 819	NO	NO
<b>Total transactions</b>	<b>42 859 242</b>	<b>NO</b>	<b>NO</b>	<b>114 864 819</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	NO	NO	NO	117 639	NO	NO
External transactions	22 000 000	NO	NO	97 015 668	NO	NO
<b>Total transactions</b>	<b>22 000 000</b>	<b>NO</b>	<b>NO</b>	<b>97 133 307</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.

## XXXVII. Ukraine

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

74. Tables 141–144 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 141. Key initial accounting parameters under the Kyoto Protocol for Ukraine**

Parameter	Value	Unit
Total base year greenhouse gas 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 2008 annual review	2 215 917 415	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 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

<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.

**Table 142. Ukraine's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	436 005 275	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 143. Ukraine's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	4 581 864 904	NO	NO	NO	NO	NO
Entity holding	NO	NO	NO	NO	NO	NO
Article 3.3/3.4 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>4 581 864 904</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 144. Ukraine's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
	<b>Additions</b>					
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>
	<b>Subtractions</b>					
Internal transactions	NO	NO	NO	NO	NO	NO
External transactions	22 319 759	NO	NO	NO	NO	NO
<b>Total transactions</b>	<b>22 319 759</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.

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

75. 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.

76. Tables 145–148 provide detailed information on initial and annual accounting parameters under the Kyoto Protocol, emissions/removals of GHGs, holdings of Kyoto Protocol units by account type at the end of 2008, and transactions of Kyoto Protocol units during the period from 1 January to 31 December 2008.

**Table 145. Key initial accounting parameters under the Kyoto Protocol for the United Kingdom**

Parameter	Value	Unit
Total base year greenhouse gas 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	87.5	per cent
Assigned amount pursuant to Article 3, paragraphs 7 and 8, of the Kyoto Protocol for the first commitment period	3 412 080 630	t CO <sub>2</sub> eq
Commitment period reserve after 2008 annual review	3 070 872 567	t CO <sub>2</sub> eq
Limitation on the additions to and subtractions from the United Kingdom's assigned amount resulting from forest management under Article 3, paragraph 4, of the Kyoto Protocol	6 783 333	t CO <sub>2</sub> eq
Limitation on the total additions to the United Kingdom's assigned amount resulting from eligible land use, land-use change and forestry project activities under Article 12 of the Kyoto Protocol	34 120 806	t CO <sub>2</sub> eq

<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.

**Table 146. The United Kingdom's emissions/removals of greenhouse gases in 2007**

Parameter	Value	Unit
Total greenhouse gas emissions from sources listed in Annex A to the Kyoto Protocol	640 273 265	t CO <sub>2</sub> eq
Final net greenhouse gas emissions or removals for Article 3.3 activities (afforestation and reforestation, and deforestation) for the current year of the commitment period	NA	
Final net greenhouse gas emissions or removals for Article 3.4 activities for the current year of the commitment period	NA	

*Abbreviation:* NA = not applicable.

**Table 147. The United Kingdom's total quantities of Kyoto Protocol units by account type at the end of 2008**

Account type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
Party holding	3 194 708 440	NO	NO	NO	NO	NO
Entity holding	258 680 286	NO	NO	24 757 580	NO	NO
Article 3.3/3.4 net source cancellation	NO	NO	NO	NO		
Non-compliance cancellation	NO	NO	NO	NO		
Other cancellation	80	NO	NO	345 826	NO	NO
Retirement	NO	NO	NO	NO	NO	NO
tCER replacement for expiry	NO	NO	NO	NO	NO	
ICER replacement for expiry	NO	NO	NO	NO		
ICER replacement for reversal in storage	NO	NO	NO	NO		NO
ICER replacement for non-submission of certification report	NO	NO	NO	NO		NO
<b>Total</b>	<b>3 453 388 806</b>	<b>NO</b>	<b>NO</b>	<b>25 103 406</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 148. The United Kingdom's total transactions of Kyoto Protocol units in 2008**

Transaction type	AAUs	ERUs	RMUs	CERs	ICERs	tCERs
<b>Additions</b>						
Internal transactions		NO	NO			
External transactions	195 468 637	NO	NO	128 774 640	NO	NO
<b>Total transactions</b>	<b>195 468 637</b>	<b>NO</b>	<b>NO</b>	<b>128 774 640</b>	<b>NO</b>	<b>NO</b>
<b>Subtractions</b>						
Internal transactions	80	NO	NO	345 826	NO	NO
External transactions	154 160 461	NO	NO	103 671 234	NO	NO
<b>Total transactions</b>	<b>154 160 541</b>	<b>NO</b>	<b>NO</b>	<b>104 017 060</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.

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