

**COMPLIANCE COMMITTEE** 



CC/ERT/IRR/2017/15 1 June 2017

# Report on the review of the report to facilitate the calculation of the assigned amount for the second commitment period of the Kyoto Protocol of Austria

#### Note by the secretariat

The report on the review of the report to facilitate the calculation of the assigned amount for the second commitment period of the Kyoto Protocol of Austria was published on 31 May 2017. For purposes of rule 10, paragraph 2, of the rules of procedure of the Compliance Committee (annex to decision 4/CMP.2), the report is considered received by the secretariat on the same date. This report, FCCC/IRR/2016/AUT, contained in the annex to this note, is being forwarded to the Compliance Committee in accordance with section VI, paragraph 3, of the annex to decision 27/CMP.1.



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# Report on the review of the report to facilitate the calculation of the assigned amount for the second commitment period of the Kyoto Protocol of Austria

Note by the expert review team

#### Summary

According to decision 2/CMP.8, each Party with a quantified emission limitation and reduction commitment inscribed in the third column of Annex B to the Kyoto Protocol, as contained in annex I to decision 1/CMP.8, shall submit to the secretariat a report to facilitate the calculation of the assigned amount for the second commitment period of the Kyoto Protocol. In accordance with decision 22/CMP.1, annex I, paragraph 11, in conjunction with decision 4/CMP.11, the report to facilitate the calculation of the assigned amount is subject to a review. This report presents the results of the technical review of the report to facilitate the calculation of the assigned amount for the second commitment period of the Kyoto Protocol, conducted by an expert review team in accordance with the "Guidelines for review under Article 8 of the Kyoto Protocol". The review took place from 26 September to 1 October 2016 in Bonn, Germany.





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#### FCCC/IRR/2016/AUT

# Contents

		Paragraphs	Page
I.	Introduction	1–2	3
II.	Summary of the reporting on mandatory elements in the report to facilitate the calculation of the assigned amount	3	4
III.	Technical assessment of the elements reviewed	4	6
IV.	Questions of implementation	5	8
Annexes			
I.	Key relevant data for Austria	•••••	9
II.	Documents and information used during the review		14
III.	Acronyms and abbreviations		16

# I. Introduction<sup>1</sup>

Table 1

1. The review of the report to facilitate the calculation of the assigned amount for the second commitment period of the Kyoto Protocol (hereinafter referred to as the report to facilitate the calculation of the assigned amount) of Austria was organized by the UNFCCC secretariat, in accordance with the "Guidelines for review under Article 8 of the Kyoto Protocol".<sup>2</sup> The review took place from 26 September to 1 October 2016 in Bonn, Germany, and was coordinated by Mr. Simon Wear and Mr. Vitor Gois Ferreira (UNFCCC secretariat). Table 1 provides information on the composition of the expert review team (ERT) that conducted the review of Austria.

2. A draft version of this report was communicated to the Government of Austria, which provided no comments.

Area of expertise	Name	Party
Generalist	Ms. Lea Kai Aboujaoude	Lebanon
	Mr. Lindsay Pratt	Canada
Energy	Mr. Sangay Dorji	Bhutan
	Ms. Inga Konstantinaviciute	Lithuania
	Ms. Laetitia Nicco	France
	Ms. Awassada Phongphiphat	Thailand
IPPU	Ms. Mausami Desai	United States of America
	Mr. David Kuntze	Germany
	Ms. Emilija Poposka	The former Yugoslav Republic of Macedonia
Agriculture	Ms. Agita Gancone	Latvia
	Ms. Sumaya Ahmed Zakieldeen	Sudan
LULUCF	Ms. María Fernanda Alcobé	Argentina
	Ms. Yasna Rojas Ponce	Chile
	Mr. Nijavalli Ravindranath	India
Waste	Ms. Kaat Jespers	Belgium
	Ms. Hlobsile P. Sikhosana-Shongwe	Swaziland
Lead reviewers	Ms. Lea Kai Aboujaoude	
	Mr. David Kuntze	

Composition of the expert review team that conducted the review of Austria

<sup>&</sup>lt;sup>1</sup> At the time of publication of this report, Austria had not yet submitted the instrument of ratification of the Doha Amendment, and the amendment had not yet entered into force. The implementation of the provisions of the Doha Amendment is therefore considered in this report in the context of decision 1/CMP.8, paragraph 6, pending the entry into force of the amendment.

<sup>&</sup>lt;sup>2</sup> Decision 22/CMP.1 and its annex and any revisions contained in decision 4/CMP.11 and its annex I.

*Abbreviations*: IPPU = industrial processes and product use, LULUCF = land use, land-use change and forestry.

# II. Summary of the reporting on mandatory elements in the report to facilitate the calculation of the assigned amount

3. Table 2 provides a summary of the ERT assessment of the reporting of mandatory elements by Austria in its report to facilitate the calculation of the assigned amount. Key data and elections by the Party are included in table 5.

Table 2

Expert review team's assessment of the reporting of mandatory elements by Austria in its report to facilitate the calculation of the assigned amount

Item			Comment	
Gene	eral Party information			
Date	of submission		Original submission: 15 June 2016	
Are there any missing categories or issues related to completeness <sup><i>a</i></sup> in the reporting of GHG emissions by sources and removals by sinks for the base year or period?			See FCCC/ARR/2016/AUT	
decis	the GHG inventory recalculated in accordance with ion 4/CMP.7 for all years from 1990 to the most recent available?	Yes		
Did t	he Party report the base year for NF <sub>3</sub> ?	Yes		
Infor	mation related to agreement by the Party under Article	4 of the K	yoto Protocol to implement	
comn	nitments jointly			
Has c decis of its	complete information been reported in accordance with ion 3/CMP.11, paragraph 11, by the Party in fulfilment agreement under Article 4 of the Kyoto Protocol in on to the following:			
Has c decis of its relati	complete information been reported in accordance with ion 3/CMP.11, paragraph 11, by the Party in fulfilment agreement under Article 4 of the Kyoto Protocol in	Yes	For further information, see ID#6 in table 3	
Has c decis of its relati (a)	complete information been reported in accordance with ion 3/CMP.11, paragraph 11, by the Party in fulfilment agreement under Article 4 of the Kyoto Protocol in on to the following: Application of decision 1/CMP.8, paragraphs 23–26, related to carry-over and the previous period surplus	Yes		
Has c decis of its relati (a) (b)	complete information been reported in accordance with ion 3/CMP.11, paragraph 11, by the Party in fulfilment agreement under Article 4 of the Kyoto Protocol in on to the following: Application of decision 1/CMP.8, paragraphs 23–26, related to carry-over and the previous period surplus reserve account			
Has c decis of its relati (a) (b) (c)	complete information been reported in accordance with ion 3/CMP.11, paragraph 11, by the Party in fulfilment agreement under Article 4 of the Kyoto Protocol in on to the following: Application of decision 1/CMP.8, paragraphs 23–26, related to carry-over and the previous period surplus reserve account Calculation of base year emissions	Yes	ID#6 in table 3 For further information,	

#### FCCC/IRR/2016/AUT

Item		Comment
Was the assigned amount in the original submission calculated in accordance with Article 3, paragraph 8 of the Kyoto Protocol, Article 3, paragraphs 7 bis and 8 bis, as contained in the Doha Amendment, and decision 13/CMP.1 in conjunction with decision 3/CMP.11?	Yes	For further information, see ID#1 in table 3
Has the Party reported in the original submission the difference between the assigned amount for the second commitment period and average annual emissions for the first three years of the first commitment period, multiplied by 8?	Yes	For further information, see ID#4 in table 3
Has the Party indicated in the original submission the approach <sup>b</sup> used to calculate average annual emissions for the first three years of the first commitment period?	Yes	For further information, see ID#4 in table 3
Did land-use change and forestry constitute a net source of GHG emissions in the base year, and therefore did the Party include emissions from deforestation in the calculation of the assigned amount?	No	
Was the commitment period reserve in the original submission calculated in accordance with the annex to decision 18/CP.7, the annex to decision 11/CMP.1, the annex to decision 13/CMP.1, paragraph 8 quinquies, and decision 1/CMP.8, paragraph 18?	Yes	For further information, see ID#5 in table 3
Information related to activities under Article 3, paragraphs	3 and 4, of	f the Kyoto Protocol
If the Party identified activities elected under Article 3, paragraph 4, of the Kyoto Protocol, are these elections in accordance with decision 2/CMP.7, annex, paragraphs 6–8?	NA	See annex I, table 4
Do the activities elected under Article 3, paragraph 4, of the Kyoto Protocol for the second commitment period include at least those activities elected for the first commitment period?	NA	See annex I, table 4
Is information reported on how the national system under Article 5, paragraph 1, of the Kyoto Protocol will identify land areas associated with all additional elected activities and how the Party ensures that land that was accounted for in the first commitment period continues to be accounted for in the second commitment period?	Yes	
Has the Party identified for each activity under Article 3, paragraphs 3 and 4, of the Kyoto Protocol whether it intends to account annually or for the entire commitment period?	Yes	See annex I, table 4
Did the Party provide information on the forest management reference level, including, if appropriate, information on technical corrections and information on how emissions from harvested wood products originating from forests prior to the start of the second commitment period have been calculated in the reference level?	Yes	See annex I, table 4
Has the Party reported the quantity amounting to 3.5% of the base year GHG emissions, excluding LULUCF, in the	Yes	See annex I, table 4

Item		Comment
original submission?		
Did the Party indicate whether it intends to apply the provisions to exclude emissions from natural disturbances for the accounting for afforestation and reforestation and/or forest management and provide the relevant information in accordance with decision 2/CMP.7, annex, paragraph 33?	Yes	See annex I, table 4
Information related to the national system and national regis	stry	
Was a description of the national system provided, in accordance with the guidelines for national systems under Article 5, paragraph 1, of the Kyoto Protocol?	NA	This information was already reported and reviewed as part of the initial review of the report to facilitate the calculation of the assigned amount for the first commitment period and did not need to be reported
Was a description of the national registry provided, in accordance with the requirements contained in the annex to decision 13/CMP.1, the annex to decision 5/CMP.1 and the technical standards for data exchange between registry systems adopted by the CMP?	NA	This information was already reported and reviewed as part of the initial review of the report to facilitate the calculation of the assigned amount for the first commitment period and did not need to be reported

*Abbreviations*: CMP = Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol, GHG = greenhouse gas, LULUCF = land use, land-use change and forestry, NA = not applicable.

<sup>*a*</sup> Issues related to missing categories and completeness are only for those categories for which methods are available in the Intergovernmental Panel on Climate Change (IPCC) 2006 IPCC Guidelines for National Greenhouse Gas Inventories.

<sup>b</sup> Parties may elect to calculate average annual emissions for the first three years of the first commitment period by including either the gases and sources listed in Annex A to the Kyoto Protocol, or the GHGs, sectors and source categories used to calculate the assigned amount for the second commitment period.

#### III. Technical assessment of the elements reviewed

4. In accordance with decision 22/CMP.1, and in conjunction with decisions 4/CMP.11 and 10/CMP.11, the review of the report to facilitate the calculation of the assigned amount for Austria has been undertaken together with the review of the inventory submission for the first year of the second commitment period.<sup>3</sup> Table 3 contains additional information, if any, to support the ERT assessment included in table 2 of the Party's capacity to account for its emissions and the assigned amount, specifically related to: the calculation of the assigned amount for the second commitment period and any adjustments applied; information related to Article 3, paragraph 7 ter, as contained in the Doha Amendment;

<sup>&</sup>lt;sup>3</sup> The annual review report on the 2016 inventory submission of Austria is available at <http://unfccc.int/resource/docs/2017/arr/aut.pdf> while the annual review report on the 2015 inventory submission of Austria is available at <http://unfccc.int/resource/docs/2016/arr/aut.pdf>.

information related to reporting of activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol; calculation of the commitment period reserve; and the national system and national registry.

#### Table 3

Additional findings of the expert review team, if any, related to Austria's reporting of mandatory elements in its report to facilitate the calculation of the assigned amount

ID#	Finding classification	Description of the finding	Classification of problem
1.	Calculation of the assigned amount	The assigned amount submitted by Austria in its report to facilitate the calculation of the assigned amount was calculated in accordance with Article 3, paragraphs 7 bis, 8 and 8 bis, of the Kyoto Protocol, the annex to decision 13/CMP.1 and annex I to decision 3/CMP.11	Not a problem
		The ERT notes that the European Union, its member States and Iceland stated that they will fulfil their reduction targets under the second commitment period jointly. <sup><i>a</i></sup> The joint assigned amount for the European Union, its member States and Iceland is calculated pursuant to the quantified emission limitation and reduction commitment listed in the third column of the table contained in Annex B to the Kyoto Protocol, while the assigned amount of each member State is determined in accordance with the terms of the joint fulfilment agreement. Specifically, the assigned amount for Austria is fixed based on annex II to European Commission decision 2013/162/EU and as adjusted by European Commission implementing decision 2013/634/EU <sup><i>b</i></sup>	
		The ERT concludes that the assigned amount reported by Austria is in accordance with the joint fulfilment agreement by the European Union, its member States and Iceland	
2.	Adjustments	The ERT has not identified the need to apply any adjustments to the estimate for the assigned amount for the second commitment period, as reported by Austria in its report to facilitate the calculation of the assigned amount	Not a problem
3.	Accounting of activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol	According to decision 6/CMP.9, paragraph 12, Austria shall include in its report the value that is 3.5% of the base year GHG emissions to facilitate the calculation of the assigned amount. The ERT notes that decision 2/CMP.7, annex, paragraph 13, indicates that the additions to the assigned amount of a Party shall not exceed 3.5% of the base year GHG emissions, excluding LULUCF, multiplied by the duration of the commitment period in years. Austria reported a value of 22 079 438 t $CO_2$ eq, estimated as the base year $\times 3.5\% \times 8$ years	Not a problem
4.	Reporting pursuant to Article 3, paragraph 7 ter, of the Doha Amendment	In line with the terms of the joint fulfilment of the European Union, its member States and Iceland under Article 3 of the Kyoto Protocol, and as described in the report to facilitate the calculation of the assigned amount of the European Union, Article 3, paragraph 7 ter, of the Doha Amendment is applied to the joint assigned amount of the European Union, its member States and Iceland for the second commitment period. In its report, the European Union includes the value for the difference between the joint assigned amount for the second commitment period and average annual emissions for the first three years of the first commitment period for the member States and Iceland, multiplied by 8. The report of the European	Not a problem

ID#	Finding classification	Description of the finding	Classification of problem
		Union also clarifies that the approach used to calculate average annual emissions for the first three years of the first commitment period is the gases and sources listed in Annex A to the Kyoto Protocol	
5.	Calculation of the commitment period reserve	The commitment period reserve was calculated in accordance with the annex to decision 18/CP.7, the annex to decision 11/CMP.1 and decision 1/CMP.8, paragraph 18	Not a problem
		The Party reported its commitment period reserve as 365 141 085 t $CO_2$ eq	
6.	National registry	The ERT notes that the 2016 standard independent assessment report for Austria indicates that there is no information in the national inventory report as to whether or not the Party established a previous period surplus reserve account in its national registry	Transparency

*Abbreviations*: ERT = expert review team, GHG = greenhouse gas, LULUCF = land use, land-use change and forestry.

<sup>*a*</sup> The report to facilitate the calculation of the assigned amount of the European Union is available at <<u>http://unfccc.int/national\_reports/initial\_reports\_under\_the\_kyoto\_protocol/second\_commitment\_period\_2013-2020/items/9499.php></u>.

<sup>b</sup> At the time of publication of this report the European Union had not submitted yet the instrument of ratification of the Doha Amendment, including information on the joint implementation of such amendment.

# IV. Questions of implementation

5. No questions of implementation were identified by the ERT during the review.

# Annex I

### Key relevant data for Austria

1. Table 4 provides key data and parameters for, and elections by, Austria, relevant for the implementation of the second commitment period of the Kyoto Protocol. The information included in table 4 is as given by the Party in its report to facilitate the calculation of the assigned amount, unless otherwise specified.

Table 4
Key relevant data for Austria <sup>a</sup>

Key information or parameter provided	Comment
General Party information	
Did the Party have a QELRC in the first commitment period?	Yes
Austria's QELRC in the second commitment period	Austria will implement its reduction target under the second commitment period jointly with the European Union, its member States and Iceland as described in ID1, table 3. The QELRC for the European Union, its member States and Iceland is 80% of the base year emissions
Has the Party reached an agreement under Article 4 of the Kyoto Protocol to fulfil its commitments jointly with other Parties?	Yes
Base year	1990
Base year for HFCs, PFCs and SF <sub>6</sub>	1990
Base year for NF <sub>3</sub>	2000
Base-year emissions, final, as reported by the Party and agreed by the ERT	78 855 136 t CO <sub>2</sub> eq

Information related to the calculation of the assigned amount and the commitment period reserve

Assigned amount, as reported by the Party and agreed by the ERT	405 712 317 t CO <sub>2</sub> eq
Approach used to calculate the average annual emissions for the first three years of the first commitment period	This difference is calculated on the basis of the joint assigned amount of the European Union, its member States and Iceland and is based on the gases and sources listed in Annex A to the Kyoto Protocol
Difference between the assigned amount for the second commitment period and average annual emissions for the first three years of the first commitment period, multiplied by 8, as reported by the Party and agreed by the ERT	This difference is calculated on the basis of the joint assigned amount of the European Union, its member States and Iceland and is based on the gases and sources listed in Annex A to the Kyoto Protocol

Key information or parameter provided	Comment		
Commitment period reserve, as reported by the Party and agreed by the ERT	365 141 085 t CO <sub>2</sub> eq		
Information related to activities under Article 3, parag	graphs 3 and 4, of the Kyoto Protocol		
LULUCF parameters	Minimum tree crown cover: 30%		
	Minimum land area: 0.05 hectare		
	Minimum tree height: 2 metres		
Elections under Article 3, paragraphs 3 and 4, of the Kyoto Protocol:			
(a) Afforestation/reforestation	Commitment period accounting		
(b) Deforestation	Commitment period accounting		
(c) Forest management	Commitment period accounting		
(d) Cropland management	Not elected		
(e) Grazing land management	Not elected		
(f) Revegetation	Not elected		
(g) Wetland drainage and rewetting	Not elected		
FMRL	-6.516 Mt CO <sub>2</sub> eq/year		
Technical corrections to the FMRL as reported in the original submission and agreed by the ERT	5.823 Mt CO <sub>2</sub> eq/year		
3.5% of total base year GHG emissions, excluding LULUCF and including indirect $CO_2$ emissions, as reported by the Party and agreed by the ERT	2 759.930 kt CO <sub>2</sub> eq		
3.5% of total base year GHG emissions, excluding LULUCF and including indirect CO <sub>2</sub> emissions, multiplied by 8, as reported by the Party in the original submission and agreed by the ERT	22 079.438 kt $CO_2$ eq (Not reported in the original submission)		
Will the Party exclude emissions from natural disturbances in accounting for:			
(a) Afforestation and reforestation	No		
(b) Forest management	Yes		

Abbreviations: ERT = expert review team, FMRL = forest management reference level, GHG = greenhouse gas, LULUCF = land use, land-use change and forestry, QELRC = quantified emission limitation and reduction commitment.

2. Tables 5–7 provide an overview of total greenhouse gas emissions and removals, as submitted by Austria. Where a Party has decided to voluntarily report indirect carbon dioxide emissions, this is noted in the relevant table.

#### Table 5

# Total greenhouse gas emissions for Austria, base year $^a-2014^b$ $(\mathrm{kt}\,\mathrm{CO}_2\,\mathrm{eq})$

	Total GHG emissions excluding indirect CO <sub>2</sub> emissions		Total GHG emissions including indirect CO <sub>2</sub> emissions <sup>c</sup>		Land-use change (Article 3.7bis of the Doha
	Total including LULUCF	Total excluding LULUCF	Total including LULUCF	Total excluding LULUCF	Amendment <sup>d</sup> )
Base year	66 002.37	78 855.14	66 002.37	78 855.14	NA
1990	65 991.86	78 844.63	65 991.86	78 844.63	
1995	65 702.62	79 813.03	65 702.62	79 813.03	
2000	63 511.66	80 429.34	63 511.66	80 429.34	
2010	78 421.03	84 946.02	78 421.03	84 946.02	
2011	75 693.07	82 626.64	75 693.07	82 626.64	
2012	73 545.79	79 897.12	73 545.79	79 897.12	
2013	74 841.10	80 042.54	74 841.10	80 042.54	
2014	70 774.19	76 332.62	70 774.19	76 332.62	

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

<sup>*a*</sup> Base year refers to the base year under the Kyoto Protocol, which is 1990 for all gases except  $NF_3$ , for which the base year is 2000.

<sup>b</sup> Emissions/removals reported in the sector other (sector 6) are not included in total GHG emissions.

<sup>c</sup> The Party has not reported indirect carbon dioxide emissions in common reporting format table 6.

<sup>d</sup> The value reported in this column refers to 1990.

#### 12 Table 6

Greenhouse gas emissions by gas for Austria, excluding land use, land-use change and forestry 1990–2014<sup>a</sup> (kt CO2 eq)

	$CO_2^{b}$	$CH_4$	$N_2O$	HFCs	PFCs	Unspecified mix of HFCs and PFCs	$SF_6$	$NF_3$
1990	62 297.17	10 598.57	4 293.06	2.44	1 182.79	NA, NO	470.61	NO, NA
1995	64 202.16	9 674.05	4 389.00	357.93	83.35	NA, NO	1 100.11	6.44
2000	66 274.74	8 466.37	4 301.70	713.63	87.87	NA, NO	574.53	10.51
2010	72 531.83	7 182.82	3 330.15	1 483.19	78.05	NA, NO	335.87	4.12
2011	70 327.17	6 976.42	3 402.29	1 535.80	73.51	NA, NO	307.35	4.10
2012	67 698.66	6 855.14	3 359.69	1 612.47	50.72	NA, NO	311.88	8.56
2013	67 957.12	6 757.49	3 361.48	1 602.60	49.23	NA, NO	304.87	9.75
2014	64 262.56	6 623.27	3 427.44	1 642.80	53.03	NA, NO	312.96	10.56
Per cent change Base year–2014	3.2	-37.5	-20.2	67 295.3	-95.5	NA	-33.5	NA

Abbreviations: NA = not applicable, NO = not occurring.
<sup>a</sup> Emissions/removals reported in the sector other (sector 6) are not included in total greenhouse gas emissions.
<sup>b</sup> Austria did not report indirect carbon dioxide emissions in common reporting format table 6.

	Energy	IPPU	Agriculture	LULUCF	Waste	Other
1990	52 917.25	13 663.05	8 104.08	-12 852.77	4 160.25	NO
1995	54 447.39	13 610.27	7 960.32	-14 110.42	3 795.06	NO
2000	55 312.55	14 642.16	7 423.69	-16 917.68	3 050.93	NO
2010	59 833.19	15 925.85	6 996.11	-6 524.99	2 190.87	NO
2011	57 433.59	16 084.24	7 036.34	-6 933.57	2 072.47	NO
2012	55 265.61	15 696.93	6 965.23	-6 351.33	1 969.35	NO
2013	55 248.16	15 980.83	6 958.64	-5 201.45	1 854.91	NO
2014	51 418.39	16 075.60	7 074.00	-5 558.43	1 764.63	NO
Per cent change Base year–2014	-2.8	17.7	-12.7	-56.8	-57.6	NA

Table 7
Greenhouse gas emissions by sector for Austria, 1990–2014 <sup><i>a</i>, <i>b</i></sup>
(kt CO <sub>2</sub> eq)

Abbreviations: IPPU = industrial processes and product use, LULUCF = land use, land-use change and forestry, NA = not applicable, NO = not occurring. <sup>a</sup> Emissions/removals reported in the sector other (sector 6) are not included in total greenhouse gas emissions. <sup>b</sup> Austria did not report indirect carbon dioxide emissions in common reporting format table 6.

### Annex II

#### Documents and information used during the review

#### A. Reference documents

"Guidelines for national systems for the estimation of anthropogenic greenhouse gas emissions by sources and removals by sinks under Article 5, paragraph 1, of the Kyoto Protocol". Annex to decision 19/CMP.1. Available at <http://unfccc.int/resource/docs/2005/cmp1/eng/08a03.pdf#page=14>.

"Guidelines for the preparation of the information required under Article 7 of the Kyoto Protocol". Annex to decision 15/CMP.1. Available at <a href="http://unfccc.int/resource/docs/2005/cmp1/eng/08a02.pdf">http://unfccc.int/resource/docs/2005/cmp1/eng/08a02.pdf</a>>.

"Guidelines for review under Article 8 of the Kyoto Protocol". Annex to decision 22/CMP.1. Available at

<http://unfccc.int/resource/docs/2005/cmp1/eng/08a03.pdf#page=51>.

"Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories". Annex I to decision 24/CP.19. Available at <a href="http://unfccc.int/resource/docs/2013/cop19/eng/10a03.pdf#page=4">http://unfccc.int/resource/docs/2013/cop19/eng/10a03.pdf#page=4</a>>.

"Guidelines for the technical review of information reported under the Convention related to greenhouse gas inventories, biennial reports and national communications by Parties included in Annex I to the Convention". Annex to decision 13/CP.20. Available at <a href="http://unfccc.int/resource/docs/2014/cop20/eng/10a03.pdf#page=6">http://unfccc.int/resource/docs/2014/cop20/eng/10a03.pdf#page=6</a>>.

"Implications of the implementation of decisions 2/CMP.7 to 4/CMP.7 and 1/CMP.8 on the previous decisions on methodological issues related to the Kyoto Protocol, including those relating to Articles 5, 7 and 8 of the Kyoto Protocol, part I: implications related to accounting and reporting and other related issues". Decision 3/CMP.11. Available at <a href="http://unfccc.int/resource/docs/2015/cmp11/eng/08a01.pdf#page=55">http://unfccc.int/resource/docs/2015/cmp11/eng/08a01.pdf#page=55</a>.

"Implications of the implementation of decisions 2/CMP.7 to 4/CMP.7 and 1/CMP.8 on the previous decisions on methodological issues related to the Kyoto Protocol, including those relating to Articles 5, 7 and 8 of the Kyoto Protocol, part II: implications related to review and adjustments and other related issues". Decision 4/CMP.11. Available at <a href="http://unfccc.int/resource/docs/2015/cmp11/eng/08a01.pdf#page=30">http://unfccc.int/resource/docs/2015/cmp11/eng/08a01.pdf#page=30</a>>.

Intergovernmental Panel on Climate Change. 2006. 2006 IPCC Guidelines for National Greenhouse Gas Inventories. Available at <a href="http://www.ipcc-nggip.iges.or.jp/public/2006gl/index.html">http://www.ipcc-nggip.iges.or.jp/public/2006gl/index.html</a>.

Intergovernmental Panel on Climate Change. 2014. 2013 Revised Supplementary Methods and Good Practice Guidance Arising from the Kyoto Protocol. Available at <a href="http://www.ipcc-nggip.iges.or.jp/public/kpsg">http://www.ipcc-nggip.iges.or.jp/public/kpsg</a>>.

Intergovernmental Panel on Climate Change. 2014. 2013 Supplement to the 2006 IPCC Guidelines for National Greenhouse Gas Inventories: Wetlands. Available at <a href="http://www.ipcc-nggip.iges.or.jp/public/wetlands/index.html">http://www.ipcc-nggip.iges.or.jp/public/wetlands/index.html</a>.

# **B.** Additional information provided by the Party

Responses to questions during the review were received from Ms. Pazdernik, (Environment Agency Austria), including additional material on the methodology and assumptions used.

# Annex III

# Acronyms and abbreviations

$CH_4$	methane			
CMP	Conference of the Parties serving as the meeting of the Parties to the			
	Kyoto Protocol			
$CO_2$	carbon dioxide			
CO <sub>2</sub> eq	carbon dioxide equivalent			
ERT	expert review team			
FMRL	forest management reference level			
GHG	greenhouse gas			
HFC	hydrofluorocarbon			
IPCC	Intergovernmental Panel on Climate Change			
IPPU	industrial processes and product use			
KP-LULUCF	LULUCF emissions and removals from activities under Article 3,			
	paragraphs 3 and 4, of the Kyoto Protocol			
kt	kilotonne			
LULUCF	land use, land-use change and forestry			
NA	not applicable			
$NF_3$	nitrogen trifluoride			
NIR	national inventory report			
NO	not occurring			
$N_2O$	nitrous oxide			
PFC	perfluorocarbon			
QA/QC	quality assurance/quality control			
QELRC	quantified emission limitation and reduction commitment			
$SF_6$	sulphur hexafluoride			
UNFCCC	United Nations Framework Convention on Climate Change			