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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 Slovenia**

**Note by the expert review team**


### *Summary*

According to decision 2/CMP.8, each Party with a quantified emission limitation or 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.

GE.17-13871(E)



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

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 Slovenia 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. Nalin Srivastava and Mr. Jongikhaya Witi (UNFCCC secretariat). Table 1 provides information on the composition of the expert review team (ERT) that conducted the review of Slovenia.

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

Table 1

### Composition of the expert review team that conducted the review of Slovenia

<i>Area of expertise</i>	<i>Name</i>	<i>Party</i>
Generalist	Mr. Manfred Ritter	Austria
	Ms. Melissa Weitz	United States of America
Energy	Ms. Kristien Aernouts	Belgium
	Mr. Constantin Harjeu	Romania
	Ms. Lungile Glodine Manzini	South Africa
	Mr. Vishwa Bandhu Pant	India
	Mr. Steve Smyth	Canada
IPPU	Mr. Thapelo Clifford Mohale Letete	South Africa
	Ms. Ingrid Person Rocha e Pinho	Brazil
Agriculture	Mr. Jorge Lam Alvarez	Peru
	Mr. Kingsley Kwako Amoako	Ghana
	Ms. Yue Li	China
LULUCF	Ms. Sekai Ngarize	Zimbabwe
	Mr. Walter Oyhantcabal	Uruguay
	Mr. Atsushi Sato	Japan
Waste	Ms. Fatma Betül Demirok	Turkey
	Mr. Excellent Hachileka	Zambia
	Mr. Hans Oonk	Netherlands

<sup>1</sup> At the time of publication of this report, Slovenia had not yet submitted its 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>2</sup> Decision 22/CMP.1 and its annex and any revisions contained in decision 4/CMP.11 and its annex I.

<i>Area of expertise</i>	<i>Name</i>	<i>Party</i>
Lead reviewers	Mr. Vishwa Bandhu Pant Ms. Melissa Weitz	

*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 Slovenia in its report to facilitate the calculation of the assigned amount. Key data and elections by the Party are included in table 4.

Table 2

### Expert review team’s assessment of the reporting of mandatory elements by Slovenia in its report to facilitate the calculation of the assigned amount

<i>Item</i>	<i>Comment</i>	
<i>General Party information</i>		
Date of submission		Original submission: 15 June 2016
Are there any missing categories or issues related to completeness <sup>a</sup> in the reporting of GHG emissions by sources and removals by sinks for the base year or period?	No	
Was the GHG inventory recalculated in accordance with decision 4/CMP.7 for all years from 1986 to the most recent year available?	Yes	
Did the Party report the base year for NF <sub>3</sub> ?	Yes	See annex I, table 4
<i>Information related to agreement by the Party under Article 4 of the Kyoto Protocol to implement commitments jointly</i>		
Has complete information been reported in accordance with decision 3/CMP.11, paragraph 11, by the Party in fulfilment of its agreement under Article 4 of the Kyoto Protocol in relation to the following:		
(a) Application of decision 1/CMP.8, paragraphs 23–26, related to carry-over and the previous period surplus reserve account	Yes	
(b) Calculation of base-year emissions	Yes	
(c) Calculation of the assigned amount	Yes	For further information, see ID#1 in table 3
(d) Calculation of the commitment period reserve	Yes	For further information, see ID#5 in table 3

<i>Item</i>		<i>Comment</i>
(e) Application and calculation pursuant to decision 2/CMP.7, annex, paragraph 13	Yes	
<i>Information related to the assigned amount and the commitment period reserve</i>		
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 eight?	No	For further information, see ID#2 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?	No	For further information, see ID#2 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
<i>Information related to activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol</i>		
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?	Yes	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?	Yes	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	Yes	For further information, see ID#3 and ID#4 in table 3

<i>Item</i>		<i>Comment</i>
to the start of the second commitment period have been calculated in the reference level?		
Has the Party reported the quantity amounting to 3.5% of the base-year GHG emissions, excluding LULUCF, in the original submission?	Yes	See annex I, table 4
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?	No	See annex I, table 4
<i>Information related to the national system and national registry</i>		
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 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 Slovenia 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

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

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; 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 Slovenia's reporting of mandatory elements in its report to facilitate the calculation of the assigned amount**

<i>ID#</i>	<i>Finding classification</i>	<i>Description of the finding</i>	<i>Classification of problem</i>
1.	Calculation of the assigned amount	<p>The assigned amount submitted by the Party 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</p> <p>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>a</sup> The joint assigned amount for the European Union, its member States and Iceland is calculated pursuant to the quantified emission limitation or 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 Slovenia is fixed based on Annex II to European Commission decision 2013/162/EU and as adjusted by Commission implementing decision 2013/634/EU<sup>b</sup></p> <p>The ERT concludes that the assigned amount reported by Slovenia is in accordance with the joint fulfilment agreement of the European Union, its member States and Iceland</p>	Not a problem
2.	Reporting pursuant to Article 3.7 ter of the Doha Amendment	<p>In line with the terms of the joint fulfilment agreement 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 Kyoto Protocol 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 eight. The report of the European 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</p>	Not a problem
3.	Accounting of activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol	<p>Slovenia mentioned in its report to facilitate the calculation of the assigned amount that technical correction of the forest management reference level will be implemented in future submissions following the completion of ongoing work to update estimations using new national forest inventory data. In addition, the report does not mention the use of a new model and does not give a concrete figure for the technical correction. In response to a question raised by the ERT, Slovenia explained that information is not yet</p>	Not a problem

<i>ID#</i>	<i>Finding classification</i>	<i>Description of the finding</i>	<i>Classification of problem</i>
		available on the impact of the technical correction based on the methodological changes introduced since the submission of the forest management reference level	
4.	Accounting of activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol	The submission did not include information on how emissions from harvested wood products originating from forests prior to the start of the second commitment period have been calculated in its reporting of the reference level. In response to a question raised by the ERT, Slovenia clarified that harvested wood products originating from forests prior to the start of the second commitment period have been included in its reporting of the reference level	Not a problem
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  The Party reported its commitment period reserve as 89 483 204 t CO <sub>2</sub> eq	Not a problem
6.	National registry	The ERT notes that the 2016 standard independent assessment report for Slovenia indicates that there is no information in the NIR as to whether the Party established a previous period surplus reserve account in its national registry. The ERT also notes that Slovenia's report to facilitate the calculation of the assigned amount indicates that a previous period surplus reserve account will be established	Not a problem
7.	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 Slovenia in its report to facilitate the calculation of the assigned amount	Not a problem

*Abbreviations:* ERT = expert review team, NIR = national inventory report.

<sup>a</sup> The report to facilitate the calculation of the assigned amount of the European Union is available at <[http://unfccc.int/national\\_reports/initial\\_reports\\_under\\_the\\_kyoto\\_protocol/second\\_commitment\\_period\\_2013-2020/items/9499.php](http://unfccc.int/national_reports/initial_reports_under_the_kyoto_protocol/second_commitment_period_2013-2020/items/9499.php)>.

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

## IV. Questions of implementation

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



## Annex I

### Key relevant data for Slovenia

1. Table 4 provides key data and parameters for, and elections by, Slovenia, 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 Slovenia

<i>Key information or parameter provided</i>	<i>Comment</i>
<i>General Party information</i>	
Did the Party have a QELRC in the first commitment period?	Yes
Slovenia's QELRC in the second commitment period	Slovenia will implement its reduction target under the second commitment period jointly with the European Union, its member States and Iceland as described in ID#1, 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	1986
Base year for HFCs, PFCs and SF <sub>6</sub>	1995
Base year for NF <sub>3</sub>	1995
Base-year emissions, as reported by the Party and agreed by the ERT	20 327 584 t CO <sub>2</sub> eq
<i>Information related to the calculation of the assigned amount and the commitment period reserve</i>	
Assigned amount, as reported by the Party and agreed by the ERT	99 425 782 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 eight, 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

<i>Key information or parameter provided</i>	<i>Comment</i>
Commitment period reserve, as reported by the Party and agreed by the ERT	89 483 204 t CO <sub>2</sub> eq
<i>Information related to activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol</i>	
LULUCF parameters	Minimum tree crown cover: 30% Minimum land area: 0.25 ha Minimum tree height: 2 m
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	-3.171 Mt CO <sub>2</sub> eq/year
Technical corrections to the FMRL as reported in the original submission	Not reported in the original submission
Technical corrections to the FMRL	Slovenia explained that technical correction is planned and will be reported in its future submissions, which will be subject to annual review under Article 8 of the Kyoto Protocol
3.5% of total base-year GHG emissions, excluding LULUCF, as reported by the Party and agreed by the ERT	711 465 t CO <sub>2</sub> eq
3.5% of total base-year GHG emissions, excluding LULUCF, multiplied by eight, as reported by the Party in the original submission and agreed by the ERT	5 691 720 t CO <sub>2</sub> eq
Will the Party exclude emissions from natural disturbances in accounting for:	
(a) Afforestation and reforestation	No
(b) Forest management	No

*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 or reduction commitment.

2. Tables 5–7 provide an overview of total greenhouse gas emissions and removals. 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 Slovenia, base year<sup>a</sup>–2014<sup>b</sup>**  
 (kt CO<sub>2</sub> eq)

Year	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 3.7 bis as contained in the Doha Amendment) <sup>d</sup>
	Total including LULUCF	Total excluding LULUCF	Total including LULUCF	Total excluding LULUCF	
Base year	15 769.67	20 394.44	15 769.67	20 394.44	NA
1990	14 392.64	18 616.45	14 392.64	18 616.45	
1995	13 879.66	18 761.02	13 879.66	18 761.02	
2000	11 141.98	19 126.23	11 141.98	19 126.23	
2010	12 395.67	19 618.76	12 395.67	19 618.76	
2011	12 542.56	19 626.46	12 542.56	19 626.46	
2012	12 069.53	19 035.42	12 069.53	19 035.42	
2013	11 418.93	18 313.78	11 418.93	18 313.78	
2014	9 675.91	16 582.31	9 675.91	16 582.31	

*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 1986 for CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O and 1995 for HFCs, PFCs, SF<sub>6</sub> and NF<sub>3</sub>.

<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.

Table 6  
**Greenhouse gas emissions by gas for Slovenia, excluding land use, land-use change and forestry, 1986–2014<sup>a</sup>**  
 (kt CO<sub>2</sub> eq)

	<i>CO<sub>2</sub><sup>b</sup></i>	<i>CH<sub>4</sub></i>	<i>N<sub>2</sub>O</i>	<i>HFCs</i>	<i>PFCs</i>	<i>Unspecified mix of HFCs and PFCs</i>	<i>SF<sub>6</sub></i>	<i>NF<sub>3</sub></i>
1986	16 662.77	2 556.13	932.58	NO	233.19	NO	9.77	NO
1990	15 088.31	2 471.36	839.36	NO	207.59	NO	9.83	NO
1995	15 277.74	2 378.69	928.48	35.83	128.14	NO	12.13	NO
2000	15 460.15	2 459.13	1 012.15	50.04	129.75	NO	15.01	NO
2010	16 363.43	2 187.90	775.92	263.91	9.64	NO	17.97	NO
2011	16 348.24	2 182.15	779.05	278.73	20.16	NO	18.14	NO
2012	15 800.19	2 127.71	781.00	291.48	18.11	NO	16.94	NO
2013	15 148.73	2 080.23	751.64	301.92	15.31	NO	15.95	NO
2014	13 489.98	1 978.92	758.84	323.82	15.22	NO	15.52	NO
<b>Per cent change 1986– 2014</b>	<b>–19.0</b>	<b>–22.6</b>	<b>–18.6</b>	<b>NA</b>	<b>–93.5</b>	<b>NA</b>	<b>58.9</b>	<b>NA</b>

*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> Slovenia did not report indirect carbon dioxide emissions in common reporting format table 6.

Table 7  
**Greenhouse gas emissions by sector for Slovenia, 1986–2014<sup>a, b</sup>**  
 (kt CO<sub>2</sub>eq)

	<i>Energy</i>	<i>IPPU</i>	<i>Agriculture</i>	<i>LULUCF</i>	<i>Waste</i>	<i>Other</i>
1986	16 383.23	1 405.34	2 013.52	–4 624.78	592.36	NO
1990	14 650.56	1 390.41	1 931.24	–4 223.81	644.24	NO
1995	15 146.00	1 086.48	1 850.46	–4 881.36	678.08	NO
2000	15 300.82	1 168.46	1 890.20	–7 984.25	766.74	NO
2010	16 330.95	1 018.48	1 715.30	–7 223.10	554.04	NO
2011	16 333.41	1 038.89	1 690.59	–7 083.90	563.58	NO
2012	15 776.51	1 042.56	1 669.53	–6 965.89	546.82	NO
2013	15 037.01	1 095.57	1 652.70	–6 894.85	528.50	NO
2014	13 254.13	1 135.31	1 698.98	–6 906.40	493.89	NO
<b>Per cent change 1986–2014</b>	<b>19.1</b>	<b>–19.2</b>	<b>–15.6</b>	<b>49.3</b>	<b>–16.6</b>	<b>NA</b>

*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> Slovenia 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>.

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

“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>.

“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 <http://unfccc.int/resource/docs/2013/cop19/eng/10a03.pdf#page=4>.

“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 <http://unfccc.int/resource/docs/2014/cop20/eng/10a03.pdf#page=6>.

“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 <http://unfccc.int/resource/docs/2015/cmp11/eng/08a01.pdf#page=5>.

“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 <http://unfccc.int/resource/docs/2015/cmp11/eng/08a01.pdf#page=30>.

Intergovernmental Panel on Climate Change. 2006. *2006 IPCC Guidelines for National Greenhouse Gas Inventories*. Available at [www.ipcc-nggip.iges.or.jp/public/2006gl/index.html](http://www.ipcc-nggip.iges.or.jp/public/2006gl/index.html).

Intergovernmental Panel on Climate Change. 2014. *2013 Revised Supplementary Methods and Good Practice Guidance Arising from the Kyoto Protocol*. Available at [www.ipcc-nggip.iges.or.jp/public/kpsg](http://www.ipcc-nggip.iges.or.jp/public/kpsg).

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

Responses to questions during the review were received from Ms. Tajda Mekinda Majaron (Ministry of the Environment and Spatial Planning), including additional material

on the methodology and assumptions used. The following documents<sup>1</sup> were also provided by Slovenia:

Tajda Mekinda Majaron. 2016. *Improvement plan 2016*. Unpublished Internal Excel Document

Tajda Mekinda Majaron. 2016. Slovenian Greenhouse Gas Inventory, *Manual of Procedures – Based on the Methodology Described in the 2006 Guidelines for National Greenhouse Gas Inventories, September 2016*. Unpublished Internal PDF Document

Tajda Mekinda Majaron. 2014. *Slovenian Greenhouse Gas Inventory, QA/QC Manual - Version 2.2*. Unpublished Internal PDF Document

Rudi Drigo, Živan Veselič. 2006. *WISDOM – Slovenia*. FAO 2006

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<sup>1</sup> Reproduced as received from the Party.

## Annex III

### Acronyms and abbreviations

CH <sub>4</sub>	methane
CMP	Conference of the Parties serving as the meeting of the Parties to the Kyoto Protocol
CO <sub>2</sub>	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
kt	kilotonne
LULUCF	land use, land-use change and forestry
NA	not applicable
NF <sub>3</sub>	nitrogen trifluoride
NIR	national inventory report
NO	not occurring
N <sub>2</sub> O	nitrous oxide
PFC	perfluorocarbon
QA/QC	quality assurance/quality control
QELRC	quantified emission limitation or reduction commitment
SF <sub>6</sub>	sulphur hexafluoride
UNFCCC	United Nations Framework Convention on Climate Change

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