



COMPLIANCE COMMITTEE

CC/ERT/ASR/2018/17 19 August 2018

Status report of the annual inventory of Poland

Note by the secretariat

The status report of the annual inventory of Poland was published on 4 June 2018. For purposes of rule 10, paragraph 2, of the Rules of procedure of the Compliance Committee (annex to decision 4/CMP.2, as amended by decisions 4/CMP.4 and 8/CMP.9), the report is considered received by the secretariat on the same date. This report, FCCC/ASR/2018/POL, 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 and paragraph 49 of the annex to decision 22/CMP.1.



 $FCCC_{/ASR/2018/POL}$



Distr.: General 4 June 2018

English only

Status report on the annual inventory of Poland

- 1. This status report was prepared by the secretariat pursuant to the annex to decision 22/CMP.1 in conjunction with decision 4/CMP.11, as part of the initial check of Poland's 2018 annual inventory, submitted in accordance with decisions 24/CP.19 and 15/CMP.1 in conjunction with decisions 3/CMP.11 and 2/CMP.8. It reflects the content of the 2018 annual inventory as submitted by the Party (dates of submission are provided in the tables on pages 2 and 3).
- 2. In this report, the following acronyms are used:

CRF: common reporting format

GHG: greenhouse gas

HWP: harvested wood products

IPPU: industrial processes and product use KP-LULUCF: land use, land-use change and forestry activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol

LULUCF: land use, land-use change and

forestry

NIR: national inventory report

SBDT: sectoral background data tables

SEF: standard electronic format

Gases

CO₂: carbon dioxide CH₄: methane N₂O: nitrous oxide HFCs: hydrofluorocarbons PFCs: perfluorocarbons

MIX: unspecified mix of HFCs and PFCs

SF₆: sulfur hexafluoride NF₃: nitrogen trifluoride NOx: nitrogen oxides CO: carbon monoxide

NMVOCs: non-methane volatile organic

compounds SO₂: sulfur dioxide

Kyoto Protocol units

AAU: assigned amount unit CER: certified emission reduction ERU: emission reduction unit ICER: long-term certified emission

reduction

RMU: removal unit

tCER: temporary certified emission

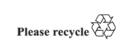
reduction

Notation keys

C: confidential IE: included elsewhere NA: not applicable NE: not estimated NO: not occurring

GE.18-08792(E)







| | | | GRI | EENH | OUSE GAS | INVEN | TORY S | SUBMISS | SION | | | | | |
|---------------------|---|----------|-----------------|------------------|--|-----------------|---------|-----------------|-----------------|----------|--------------------------------|----------|----------|--------|
| | | Date of | receipt | | Date of resu | ıbmission | ı | Commer | nts | | | | | |
| | NIR | 10 Ap | ril 2018 | | 25 May 2 | 018 | | | | | | | | |
| | CRF tables ^a | 10 Ap | ril 2018 | | 25 May 2 | 018 | | | | | | | | |
| rmation | Additional information ^b | | | | | | | | | | | | | |
| General information | CRF tables provided for years | 1988– | 2016 | | | | | | | | | | | |
| e _S | Base year or period ^c | 1988 | | | Base year PFCs and | | Cs, | 1995 | | | Base ye for NF ₃ | | 2000 | |
| | Gases covered | CO_2 | CH ₄ | N ₂ O | HFCs | PFCs | MIX | SF ₆ | NF ₃ | NO_X | CO | NM | IVOCs | SO_2 |
| | | √ | √ | √ | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | √ | | ✓ |
| NIR | Description | the pre | eparation, P | n of n art I: | the NIR pational co UNFCCO 24/CP.19) | mmuni report | cations | s by Par | ties inc | cluded i | n Annex | k I to | the | |
| | Language | Englis | h | | | | | | | | | | | |
| able | Source categories accomore of Party's aggregation of Sources included in Arabotocol | gate em | issions | from | No miss identifie | | rce cat | egory a | ccounti | ing for | 7% or m | nore : | has been | ١ |

- ^a CRF tables are contained in annex II to decision 24/CP.19.
- ^b Additional information can be any information submitted by the Party in conjunction with the NIR or CRF tables.
- ^c Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decisions 9/CP.2 and 11/CP.4
 - ^d A Party may select 1995 as the base year for HFCs, PFCs and SF₆ in accordance with Article 3, paragraph 8, of the Kyoto Protocol.
 - ^e A Party may select 1995 or 2000 as the base year for NF₃ in accordance with Article 3, paragraph 8 bis of the Doha Amendment.
 - f In accordance with decision 15/CMP.1, paragraph 3(b), in conjunction with decision 3/CMP.11.

| SUBMISSION OF SUPPLEMENTARY INFO | RMATION UNDE | CR ARTICLE 7, PARA | AGRAPH 1, OF THE KYOTO PROTOCOL |
|--|-----------------|----------------------|--|
| | Date of receipt | Date of resubmission | Comments |
| KP-LULUCF information ^a | 10 April 2018 | 25 May 2018 | NIR chapter 11 |
| KP-LULUCF CRF tables ^b | 10 April 2018 | 25 May 2018 | KP-LULUCF CRF tables provided for years 1988–2016 |
| Information on Kyoto Protocol units (ERUs, CERs, RMUs and AAUs) ^c | 10 April 2018 | 25 May 2018 | NIR chapter 12 |
| SEF tables ^d with Kyoto Protocol units | 10 April 2018 | | Reported year: 2017 SEF table for the first commitment period (reporting year 2017) submitted on 10 April 2018 SEF table for the second commitmed period (reporting year 2017) submitted on 10 April 2018 |
| Changes in national system ^e | 10 April 2018 | 25 May 2018 | NIR chapter 13 |
| Changes in national registry ^e | 10 April 2018 | 25 May 2018 | NIR chapter 14 |
| Minimization of adverse impacts ^e | 10 April 2018 | 25 May 2018 | NIR chapter 15 |

^a Parties are required to include in their annual submission information on anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, and, if any, elected activities under Article 3, paragraph 4, in accordance with decision 2/CMP.8, annex II, paragraphs 1–5.

^b Parties are required to report anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, forest management and, if any, elected activities under Article 3, paragraph 4. Parties may also elect to report these tables for the base year or 1990.

^c Parties are required to include in their annual submission information on ERUs, CERs, tCERs, ICERs, AAUs and RMUs, in accordance with decision 15/CMP.1, annex, chapter I.E, in conjunction with annex II to decision 3/CMP.11,.

^d As required by annex II to decision 3/CMP.11.

^e The requirements for Parties to report on changes in the national system in accordance with Article 5, paragraph 1, of the Kyoto Protocol, changes in the national registry, and the minimization of adverse impacts in accordance with Article 3, paragraph 14, of the Kyoto Protocol, are set out in decision 15/CMP.1, annex, chapters I.F, I.G and I.H respectively, in conjunction with annex II to decision 3/CMP.11.

| | | Provi | sion of inform | eation fo | r the letes | PAR' | | new waar i | in the CRF tables: 2 | 016 | | |
|------------------------|--------|----------|----------------|-----------|-------------|----------|--------|------------|-------------------------|----------|-------|----------|
| Т | Energy | | IPPU | iation to | Agricult | | LULUC | | KP-LULUCF ^a | 010 | Waste | |
| Sectoral report tables | 1 | ✓ | 2(I) | ✓ | 3 | √ | 4 | √ | NIR-1 | ✓ | 5 | ✓ |
| tables | | | 2(II) | ✓ | | | | | | | | |
| SBDT | 1.A(a) | ✓ | 2(I).A-H | √ | 3.A | ✓ | 4.1 | √ | NIR-2 | √ | 5.A | ✓ |
| | 1.A(b) | ✓ | 2(II).B-H | √ | 3.B(a) | √ | 4.A | ✓ | NIR-3 | √ | 5.B | ✓ |
| | 1.A(c) | ✓ | | | 3.B(b) | ✓ | 4.B | √ | 4(KP) Recalculations | ✓ | 5.C | ✓ |
| | 1.A(d) | √ | | | 3.C | ✓ | 4.C | √ | 4(KP) | √ | 5.D | ✓ |
| | 1.B.1 | ✓ | | | 3.D | ✓ | 4.D | √ | 4(KP-I)A.1 | √ | | 1 |
| | 1.B.2 | ✓ | | | 3.E | √ | 4.E | √ | 4(KP-I)A.1.1 | √ | | |
| | 1.C | ✓ | | | 3.F | ✓ | 4.F | ✓ | 4(KP-I)A.2 | √ | | |
| | 1.D | ✓ | | | 3.G-I | ✓ | 4(I) | ✓ | 4(KP-I)A.2.1 | √ | | |
| | | | | | | | 4(II) | ~ | 4(KP-I)B.1 | ~ | | |
| Tables | | | | | | | 4(III) | ✓ | 4(KP-I)B.1.1 | √ | | |
| | | | | | | | 4(IV) | √ | 4(KP-I)B.1.2 | | | |
| | | | | | | | 4(V) | ✓ | 4(KP-I)B.1.3 | √ | | |
| | | | | | | | | | 4(KP-I)B.2 | √ | | |
| | | | | | | | | | 4(KP-I)B.3 | √ | | |
| | | | | | | | | | 4(KP-I)B.4 | √ | | |
| | | | | | | | | | 4(KP-I)B.5 | √ | | |
| | | | | | | | | | 4(KP-I)C | √ | | |
| | | | | | | | | | 4(KP-II)1 | √ | | |
| | | | | | | | | | 4(KP-II)2 | √ | - | |

| | | | | | | | P | ART | 'I | | | | | | | | | |
|------------------------|--|--------------------|-------------------------------------|----------|---------|---------------------|--------------|--------|--------------|--------------|--------|-----------|-------|--------------------|----------|---------------------|----------|-------------------|
| | | Provi | sion of info | rmati | on for | the late | est reported | l inve | ento | ory year in | the CF | RF ta | bles: | 2016 (| contin | ued) | | |
| | | | | | | | | | | | | 4(I | KP-II |)3 | ✓ | | | |
| | | | | | | | | | | | | 4(I | KP-II |)4 | ✓ | | | |
| | | | | | | | | | | | | Ac tab | coun | ting | ✓ | | | |
| | Summary tables | Summa 1.A | ry table | ✓ | | Summar | y table 2 | | ~ | / | | Su | mma | ry table | 3 | | ~ | , |
| | Other tables | | (Indirect ns of N ₂ O | √ | | Table 7 (| (Overview f | or | ~ | / | | | | (Recale | | n — | | |
| | | Table 9 (Comple | eteness) | √ | | Table 10 trends) | (Emission | | ~ | / | | | | | | | | |
| | Comments | Key cat | egories are | reporte | ed in t | he NIR a | and are cons | istent | t wi | th those in | CRF Ta | able ' | 7. | | | | | |
| Totals | Provided for | gases · | CO₂ ✓ | c | CH₄ ✔ | / | N_2O | F | HFC | Cs ✓ | PFCs | √ | Λ | MIX ✔ | , | SF_6 \checkmark | | NF ₃ ✓ |
| T | Provided for | years | 1988–201 | 16 | 1988– | 2016 | 1988–2010 | 6 | 198 | 8–2016 | 1988- | -201 | 6 | 1988–2 | 2016 | 1988–20 | 16 | 1988–2016 |
| <i>CO</i> ² | Comparison CO ₂ emissio from fuel | | Reference ✓ | appro | oach | Sectora ✓ | il approach | | ffer in 2 | ence more | | | | ce is m ble 1.A | | an 2% exp | lana | tion provided |
| s and Cs | combustion | | HFCs | | | | PFCs | | | | | | | | | | | |
| HFCs and PFCs | Disaggregat species | tion by | ✓ | | | | ✓ | | | | \neg | | | | | | | |
| | Used in | | Summary | table . | 1.A | ~ | | Secto | oral | l report tal | bles | / | | | SBDT | | | √ |
| Notation keys | Comments | | | | | | | | | | | | | | | | | |

^a Parties are required to report anthropogenic GHG emissions by sources and removals by sinks from LULUCF activities under Article 3, paragraph 3, of the Kyoto Protocol, and, if any, elected activities under Article 3, paragraph 4, using the agreed CRF tables adopted under decision 6/CMP.9.

| | | | | | | | | | | | | | | Prov | isior | ı of C | | ART table | | years reported |
|--------|--------------|----------------|------------|---------------------------|----------|----------|----------|----------|----------|----------|------|----------|----------|----------|----------|----------|----------|--------------|----------|--|
| | | | | | | | | | | | Year | s | | | | | | | | |
| | | | | Base year ^a | 1990 | 2661 | 2000 | 2005 | 2006 | 2002 | 2008 | 5009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | Comments |
| | Sect | oral report: T | able 1 | ✓ | | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | | Table 1.A(a) | ı | ✓ | √ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | |
| | | Table 1.A(b) | | | | | | | | | | | | | | | ✓ | | | |
| | | Table 1.A(c) | | | | | | | | | | | | | | ✓ | ✓ | √ | | |
| Energy | Table 1.A(d) | | | | | | | | | | | | | | ✓ | √ | ✓ | √ | | |
| En | SBDT | Table 1.B.1 | | √ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | |
| | | Table 1.B.2 | | ✓ | √ | ✓ | √ | ✓ | √ | √ | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | √ | ✓ | |
| | | Table 1.C | | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | No numerical data are reported in this table for the years 1988–2016. For these years the notation key NO is used. |
| | | Table 1.D | | √ | V | ✓ | ✓ | ~ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | ✓ | √ | |
| | Sect | oral report: | Table 2(I) | ✓ | √ | √ | √ | √ | V | √ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| U | | | | | | | | | | | | | | | √ | √ | ✓ | √ | | |
| IPPU | L | Table 2(I).A | _H | ✓ | √ | ✓ | √ | ✓ | ~ | ~ | ✓ | ✓ | ✓ | V | ✓ | √ | ✓ | √ | ✓ | |
| | SBDT | Table 2(II).F | 3–Н | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

| | | | | | | | | | | | | Pı | rovis | ion o | of CF | RF ta | | | RT or ye | II ears reported (continued) |
|-------------|-------|---------------------|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|-------------|--|
| | | | | | | | | | | Year | s | | | | | | | | | |
| | | | Base year ^a | 0661 | 1995 | 2000 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 7100 | 4107 | 2015 | 2016 | Comments |
| | Secto | ral report: Table 3 | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | √ | √ | ✓ | | ✓ | |
| | | Table 3.A | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | √ | √ | ~ | , | √ | |
| | | Table 3.B(a) | √ | √ | √ | √ | ✓ | √ | √ | √ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ~ | <i>,</i> | √ | |
| | | Table 3.B(b) | ~ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | √ | ✓ | √ | √ | ~ | ′ , | ✓ | |
| Agriculture | | Table 3.C | √ | √ | √ | √ | ✓ | √ | √ | √ | √ | √ | ~ | √ | ✓ | ✓ | ~ | · , | | No numerical data are reported in this table for the years 1988–2016. For these years the notation key NO is used. |
| Agı | SBDT | Table 3.D | √ | ✓ | ✓ | ✓ | √ | √ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | √ | √ | ~ | <u>, </u> | ✓ | |
| | | Table 3.E | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ | <i>,</i> | | No numerical data are reported in this table for the years 1988–2016. For these years the notation key NO is used. |
| | | Table 3.F | √ | √ | √ | ✓ | √ | √ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | V | ~ | <u> </u> | √ | |
| | | Table 3.G-I | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ~ | <i>'</i> , | ✓ | |

| | | | | | | | | | | | | D. | | • | e cm | TF 4-1 | | | ΤI | |
|--------|-------|----------------------|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|---|
| | | | 1 | | | | | | | | | Pi | rovis | ion o | и Ск | r tai | oies | ior | yea | ars reported (continued) |
| | | | | | | | | | | Years | S | | | | | | | | | |
| | | | Base year ^a | 0661 | 2661 | 2000 | 2005 | 2006 | 2007 | 2008 | 6002 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 31 | 910 | Comments |
| | Secto | oral report: Table 4 | √ | √ ✓ | <i>√</i> | √ | √ ✓ | √ | √ ✓ | | , 7 | |
| | | Table 4.1 | √ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | √ | √ | ✓ | ✓ | √ | √ | , | |
| | | Table 4.A | ✓ | √ | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | ✓ | √ | √ | ✓ | √ | ✓ | √ | | |
| | | Table 4.B | √ | √ | √ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | √ | ✓ | ✓ | ~ | _ | |
| | | Table 4.C | ✓ | √ | √ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ~ | | |
| | | Table 4.D | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ | √ | ✓ | V | ✓ | √ | | |
| | | Table 4.E | √ | √ | √ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | ~ | V | ✓ | ~ | | |
| LULUCF | | Table 4.F | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | ✓ | √ | | |
| TOI | SBDT | Table 4.G | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ | ✓ | √ | | |
| | | Table 4(I) | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | √ | | No numerical data are reported in this table for the years 1988–2016. For these years the notation keys IE, NA and NO are used. |
| | | Table 4(II) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | V | ✓ | ✓ | ✓ | ľ | No numerical data are reported in this table for the years 1988–2016. For these years the notation key NA is used. |
| | | Table 4(III) | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ~ | | |
| | | Table 4(IV) | ✓ | √ | √ | √ | √ | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | √ | √ | ✓ | √ | Г | No numerical data are reported in this table for the years 1988–2016. For these years the notation key IE is used. |
| | | Table 4(V) | √ | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ~ | , | |

| | | | | | | | | PART II Provision of CRF tables for years reported (continued) |
|-----------|-----------------|----------------------------|---------------------------|----------|----------|----------|----------|---|
| | | | | Ye | ars | | | |
| | | | Base year ^a | 2013 | 2014 | 2015 | 2016 | Comments |
| | | Table NIR-1 | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | port | Table NIR-2 | ✓ | √ | ✓ | ✓ | √ | |
| | Sectoral report | Table NIR-3 | √ | ✓ | ✓ | ✓ | ✓ | |
| | Secto | Table 4(KP) Recalculations | ✓ | √ | ✓ | ✓ | | |
| | | Table 4(KP) | ✓ | √ | ✓ | ✓ | ✓ | |
| | | Table 4(KP-I)A.1 | ✓ | √ | ✓ | ✓ | √ | No numerical data are reported in this table for the years 1988. For this year the notation key NA and NO is used. |
| | | Table 4(KP-I)A.1.1 | ✓ | √ | ✓ | ✓ | √ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation key NA is used. |
| | | Table 4(KP-I)A.2 | ✓ | √ | ✓ | ✓ | √ | No numerical data are reported in this table for the years 1988. For this year the notation key NO is used. |
| | | Table 4(KP-I)A.2.1 | ✓ | √ | ✓ | ✓ | √ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation key NO is used. |
| LUCF | | Table 4(KP-I)B.1 | √ | ✓ | ✓ | ✓ | ✓ | |
| KP-LULUCF | | Table 4(KP-I)B.1.1 | √ | ✓ | ✓ | ✓ | ✓ | No numerical data are reported in this table for the years 1988. For this year the notation key NA is used. |
| | | Table 4(KP-I)B.1.2 | | | | | | |
| | SBDT | Table 4(KP-I)B.1.3 | √ | ✓ | ✓ | ✓ | ✓ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation key NA is used. |
| | | Table 4(KP-I)B.2 | ✓ | √ | √ | V | ✓ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation key NA is used. |
| | | Table 4(KP-I)B.3 | √ | ✓ | ✓ | ✓ | ✓ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation key NA is used. |
| | | Table 4(KP-I)B.4 | ✓ | √ | √ | ✓ | ✓ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation key NA is used. |
| | | Table 4(KP-I)B.5 | ✓ | √ | √ | √ | ✓ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation key NA is used. |
| | | Table 4(KP-I)C | ✓ | ✓ | √ | ✓ | ✓ | |
| | | Table 4(KP-II)1 | ✓ | ✓ | √ | ✓ | ✓ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation keys NA and NO are used. |
| | | Table 4(KP-II)2 | ✓ | ✓ | ✓ | ✓ | ✓ | No numerical data are reported in this table for the years 1988, 2013–2016. For these years the notation keys NA and NO are used. |

| | | | | | | | PART II Provision of CRF tables for years reported (continued) |
|------------------|---------------------------|------|------|----------|----------|--------|---|
| | | Ye | ars | | | | |
| | Base year ^a | 2013 | 2014 | 2015 | 2016 | C 9102 | omments |
| Table 4(KP-II)3 | √ | ✓ | ✓ | √ | ✓ | N | o numerical data are reported in this table for the years 1988. For this year the notation key NA and NO is used. |
| Table 4(KP-II)4 | ✓ | ✓ | ✓ | V | √ | N | o numerical data are reported in this table for the years 1988. For this year the notation key NA and NO is used. |
| Accounting table | ✓ | ✓ | ✓ | ✓ | ✓ | , | |

| | | | | | | | | | | | Pr | ovisi | on of | r CR | F tab | | RT l | | rs reported (continued) |
|-------|------|----------------------|---------------------------|----------|----------|------|----------|----------|----------|----------|------|----------|----------|----------|-------|----------|----------|------|-------------------------|
| | | | | | | | | | | Year | ·s | | | | | | | | |
| | | | Base year ^a | 0661 | 2661 | 2000 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 9 Comments |
| | Sect | oral report: Table 5 | √ | | | | | | | | | | | | | | | | , |
| | | Table 5.A | √ | | | | | | | | | | | | | | | | |
| Waste | JC | Table 5.B | ~ | ✓ | √ | ✓ | ✓ | ✓ | √ | √ | ✓ | ✓ | √ | √ | ✓ | ✓ | ✓ | ✓ | |
| | SBDT | Table 5.C | V | V | √ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | √ | V | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | | Table 5.D | ~ | ✓ | ✓ | ✓ | √ | V | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | √ | √ | ✓ | |

| | | | | | | | Pre | ovisi | on o | f CR | F ta | | ART | | s rep | orte | ed (continued) |
|---|---------------------------|----------|----------|----------|----------|----------|----------|-------|----------|----------|----------|------|----------|----------|----------|----------|----------------|
| | | | | | | | 1 | Year. | S | | | | | | | | |
| | Base year ^a | 1990 | 1995 | 2000 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2002 | Comments |
| Summary table 1.A (Report for national GHG inventorie | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Summary table 2 (CO ₂ equivalent emissions) | √ | √ | √ | √ | ✓ | ~ | ~ | ✓ | √ | √ | ✓ | ✓ | √ | ✓ | √ | √ | |
| Summary table 3 (Methods and emission factors used) | √ | √ | √ | √ | ✓ | ~ | V | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | √ | √ | |
| Table 6 (Indirect emissions of N ₂ O and CO ₂) Table 7 | √ | √ | √ | √ | ✓ | ~ | V | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | √ | √ | |
| Table 7 (Overview for key categories) Table 8 | √ | √ | √ | ✓ | √ | ✓ | √ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | √ | ✓ | ✓ | |
| Table 8 (Recalculation – recalculated data) | √ | √ | ✓ | √ | √ | √ | √ | ✓ | √ | √ | ✓ | ✓ | √ | V | √ | | |
| Table 9 (Completeness) | √ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | √ | |
| Table 10 (Emission trends) | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | √ | |

^a Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or period of years other than 1990 in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

| | | | PA | RT III | | | |
|---|--|----------|-------------------------|----------------------------------|-------------------------------|----------|-----------|
| | | Pre | ovision of informatio | n relating to recalculations | | | |
| Table 8 (Recalculation – recalculated data) | Com | ments E | Explanatory information | on relating to recalculations is | provided in chapter 10 of the | e NIR. | |
| Recalculation reported for years | 1988-2015 | | | | | | |
| Recalculated sectors/gases | Energy | IPPU | | Agriculture | LULUCF | Waste | KP-LULUCF |
| CO_2 | ✓ | √ | | ✓ | ✓ | ✓ | ✓ |
| CH₄ | √ | √ | | ✓ | ✓ | √ | ✓ |
| N ₂ O | ✓ | | | √ | √ | ✓ | √ |
| HFCs | | ✓ | | | | | |
| PFCs | | | | | | | |
| Unspecified mix of HFCs and PFCs | | | | | | | |
| SF ₆ | | | | | | | |
| NF ₃ | | | | | | | |
| Percentage difference in aggregate GHG | Base–year estimate: ^a | Includi | ing LULUCF: | 0.06% | Excluding LULUCF: | -0.09% | |
| emissions | Latest recalculated year: ^b | Includi | ing LULUCF: | 0.26% | Excluding LULUCF: | -0.17% | |

^a Parties included in Annex I to the Convention undergoing the process of transition to a market economy are allowed to use a base year or period of years other than 1990 in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

^b The latest recalculated year is the submission year minus three years.

| | PART IV | | | | | | | | |
|---------------------------------------|--|---|----------|---|--|--|--|--|--|
| | Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued) | | | | | | | | |
| | | | Provided | Observation | | | | | |
| | Emissions by sources and removals by sinks are clearly distinguished from emissions from categories included in Annex A to the Kyoto Protocol | | | | | | | | |
| | Information on how inventory methodologies have been applied taking into account the 2006 IPCC Guidelines for National Greenhouse Gas Inventories and any relevant supplementary guidance recognizing the principles laid out in decision 16/CMP.1. | | | | | | | | |
| 2 | Information on the geographical location of the boundaries of areas that encompass: | | | | | | | | |
| -I sh | | Units of land subject to activities under Article 3, paragraph 3 | ✓ | | | | | | |
| annex II, paragraphs 1–5 | | Units of land subject to activities under Article 3, paragraph 3, which would otherwise be included in land subject to forest management or elected activities under Article 3, paragraph 4 | √ | | | | | | |
| nex II, | | Land subject to forest management or elected activities under Article 3, paragraph 4 | ✓ | | | | | | |
| | | | ✓ | | | | | | |
| ision 2/CMP.8, | | | | | | | | | |
| under dec | Information on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic carbon) that are not accounted for. | | √ | | | | | | |
| Reporting requirements under decision | When a Party applies the provisions for natural disturbances, information demonstrating that these emissions in any single year exceed the background level(s), including a margin, where needed. For this purpose, the Party shall include information showing: | | | | | | | | |
| rting requ | | That all lands subject to exclusion due to natural disturbances are identified | √ | The Party does not apply the provisions for natural disturbances. | | | | | |
| Repo | | How annual emissions resulting from natural disturbances and the subsequent removals are estimated and excluded from the accounting | ✓ | The Party does not apply the provisions for natural disturbances. | | | | | |
| | | That no land-use change has occurred on lands for which the provisions in decision 2/CMP.7, annex, paragraph 33, are applied | √ | The Party does not apply the provisions for natural disturbances. | | | | | |
| | | That events and circumstances were beyond the control of the Party | ✓ | The Party does not apply the provisions for natural disturbances. | | | | | |

| PART IV | | | | |
|--|----------|--|--|--|
| Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued) | | | | |
| | Provided | Observation | | |
| The efforts taken to rehabilitate the land for which the provisions contained in decision 2/CMP.7, annex, paragraph 33, are applied | ✓ | The Party does not apply the provisions for natura disturbances. | | |
| That emissions associated with salvage logging were not excluded from the accounting | ✓ | The Party does not apply the provisions for natura disturbances. | | |
| If not accounted for by instantaneous oxidation, information on GHG emissions/removals resulting from changes in the HWP pool accounted for in accordance with decision 2/CMP.7, including: | | | | |
| Activity data for the HWP categories used for estimating the pool removed from domestic forests, for domestic consumption and for export | √ | | | |
| Half-lives used in estimating emissions/removals for the HWP categories used | ✓ | | | |
| Whether emissions from HWP originating from forests prior to the start of the second commitment period have been included in the accounting, if the forest management reference level is based on a projection | √ | | | |
| How emissions from the HWP pool accounted for in the first commitment period on the basis of instantaneous oxidation have been excluded from the accounting for the second commitment period | √ | | | |
| How HWP resulting from deforestation has been accounted on the basis of instantaneous oxidation | ✓ | | | |
| How CO2 emissions from HWP in solid waste disposal sites and from wood harvested for energy purposes have been accounted on the basis of instantaneous oxidation | √ | | | |
| How emissions/removals from changes in the HWP pool accounted for do not include imported HWP | | Information required in paragraph 2(g)(vii) of annex II to decision 2/CMP.8 could not be identified in the submission. | | |
| Information on anthropogenic GHG emissions from LULUCF activities under Article 3, paragraph 3, and Article 3, paragraph 4, factoring out removals from: | | | | |
| Elevated CO ₂ concentrations above pre-industrial levels | ✓ | | | |
| Indirect nitrogen deposition | ✓ | | | |
| The dynamic effects of age structure resulting from activities prior to 1 January 1990 | ✓ | | | |
| Specific information to be reported for activities under Article 3, paragraph. 3: | | | | |

| PART IV | | | | | | |
|----------------|--|----------|---|--|--|--|
| | Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued) | | | | | |
| | | Provided | Observation | | | |
| | vities that began on or after 1 January 1990 and before 31 December of the last year of the commitment period, and directly human-induced | | Information required in paragraph 4(a) of annex II to decision 2/CMP.8 could not be identified in the submission. | | | |
| How | v harvesting or forest disturbance that is followed by the re-establishment of forest is distinguished from deforestation | ✓ | | | | |
| Specific infor | rmation to be reported for activities under Article 3, paragraph 4: | | | | | |
| Acti | vities that have occurred since 1 January 1990 and are human induced | ✓ | | | | |
| repo | pland management, grazing land management, revegetation, wetland drainage and rewetting: emissions/removals orted for each year of the commitment period and for the base year for each of the elected activities on the graphical locations reported | ✓ | The Party does not elect cropland management, grazing land management, revegetation, wetland drainage or rewetting. | | | |
| | ssions/removals from activities under Article 3, paragraph 4, are not accounted for under activities under Article 3, graph 3 | | Information required in paragraph 5(c) of annex II to decision 2/CMP.8 not not be identified in the submission. | | | |
| Info | rmation on how emissions arising from the conversion of natural forests to planted forests are accounted for | ✓ | | | | |
| Met | Methodological consistency between the reference level and reporting for forest management | | | | | |
| Tech | Technical corrections made pursuant to decision 2/CMP.7, annex, paragraph 14 | | | | | |
| | Forest management: if emissions/removals from the harvest and conversion of forest plantations to non-forest land were included, information on how requirements set out in decision 2/CMP.7, annex, paragraphs 37–39 were met, including: | | | | | |
| | The identification of all lands and associated carbon pools subject to decision 2/CMP.7, annex, paragraph 37, including the georeferenced location and year of conversion | | Information required in paragraph 5(g)(i) of annex II to decision 2/CMP.8 could not be identified in the NIR submission. | | | |
| | A demonstration that the forest plantation was first established through direct human-induced planting and/or seeding of non-forest land before 1 January 1990, and, if the forest plantation was re-established, that this last occurred on forest land through direct human-induced planting and/or seeding after 1 January 1960 | | Information required in paragraph 5(g)(ii) of anne. II to decision 2/CMP.8 could not be identified in the NIR submission. | | | |
| | A demonstration that a new forest of at least equivalent area to the harvested forest plantation is established through direct human-induced planting and/or seeding of non-forested land that did not contain forest on 31 December 1989 | | Information required in paragraph 5(g)(iii) of annu II to decision 2/CMP.8 could not be identified in the NIR submission. | | | |

| PART IV | | | | | | | |
|--|--|----------|---|--|--|--|--|
| Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4, of the Kyoto Protocol (continued) | | | | | | | |
| | | Provided | Observation | | | | |
| | A demonstration that this newly established forest will reach at least the equivalent carbon stock that was contained in the harvested forest plantation at the time of harvest, within the normal harvesting cycle of the harvested forest plantation, and, if not, a debit would be generated under Article 3, paragraph 4 | | Information required in paragraph 5(g)(iv) of annex II to decision 2/CMP.8 could not be identified in the NIR submission. | | | | |