



COMPLIANCE COMMITTEE

CC/ERT/ASR/2012/35 26 June 2012

Annual status report of the annual inventory of Sweden

Note by the secretariat

The annual status report of the annual inventory of Sweden was published on 21 June 2012. 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 decision 4/CMP.4), the report is considered received by the secretariat on the same date. This report, FCCC/ASR/2012/SWE, 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.

ADVANCE VERSION



FCCC/ASR/2012/SWE



Distr.: General 21 June 2012

English only

Annual status report of the annual inventory of Sweden

1. This status report was prepared by the expert review team as part of the initial check of the annual inventory submitted in accordance with decision 15/CMP.1. It reflects the content of the inventory submission of 2012 as originally submitted by the Party.

2. In this report, the following abbreviations are used:

AAU: assigned amount unit CER: certified emission reduction

CRF: common reporting format ERU: emission reduction unit

GHG: greenhouse gas

KP-LULUCF: Article 3, paragraphs 3 and 4, activities under the Kyoto Protocol

ICER: long-term certified emission

reduction

LULUCF: land use, land-use change and

forestry

NIR: national inventory report

RMU: removal unit

SBDT: sectoral background data tables

SEF: standard electronic format SOPU: solvent and other product use

tCER: temporary certified emission

reduction

Notation keys C: confidential

IE: included elsewhere

NA: not applicable NE: not estimated

NO: not occurring

Greenhouse gases

CO₂: carbon dioxide CH₄: methane

N₂O: nitrous oxide

HFCs: hydrofluorocarbons

PFCs: perfluorocarbons

SF₆: sulphur hexafluoride

NO_X: nitrogen oxides

CO: carbon monoxide

NMVOCs: non-methane volatile organic

compounds

SO₂: sulphur dioxide



| | | | GREENHO | OUSE GAS | SINVENT | ORY SUBMISS | SION | | | | |
|--|--|-----------------|-----------------|-------------------|------------|------------------------------------|-----------------|-----------|-----------|----------------|----------|
| | | Date of r | eceipt | Date of resubmiss | ion | Comments | | | | | |
| | NIR | 26 Mar | ch 2012 | | | | | | | | |
| | CRF tables ^a | 26 Mar | ch 2012 | | | | | | | | |
| | Additional information ^b | 26 Mar | ch 2012 | | | Party submit additional in | | | vith the | NIR the follo | wing |
| ис | | | | | | SFW V5.3 T | est Re | port 1.1 | .pdf; | | |
| General information | | | | | | SFW V5.2 T | est Re | port_1. | 0.pdf; | | |
| infoi | | | | | | SFW V5.1 T | est Re | port_v1 | .0.pdf; | | |
| neral | | | | | | ETR 5.3 Rel | ease N | lotes 1.2 | 2.pdf; | | |
| G_e | | | | | | ETR 5.2 Rel | ease N | lotes_1. | 0.pdf; a | and | |
| | | | | | | ETR 5.1 Rel | ease N | lotes_1. | 2.pdf. | | |
| | CRF provided for years | 1990–2 | 010 | | | | | | | | |
| | Base year or period ^c | 1990 | Base ye | ar for HF | Cs, PFC | s and SF ₆ ^d | 1995 | | | | |
| | Gases covered | CO ₂ | CH ₄ | N ₂ O | HFCs | PFCs | SF ₆ | NO_X | CO | NMVOCs | SO_2 |
| | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ |
| Description The organization of the NIR, follows the structure outlined in the updated UNFCCO reporting guidelines ^e on annual inventories following incorporation of the provision decision 14/CP.11, elaborated with the annotated outline of the NIR. | | | | | | | | | | | |
| | Language of NIR | English | 1 | | | | | | | | |
| | Missing source category cent for categories includ to the Kyoto Protocol | | | No miss | sing sourc | e category la | rger th | nan 7 pe | er cent l | nas been ident | tified. |

 $^{^{}a}\,$ CRF tables are contained in document FCCC/SBSTA/2006/9, annex II.

^b Additional information can be any information submitted by a 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 a 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 1990 or 1995 as the base year for the fluorinated gases in accordance with Article 3, paragraph 8, of the Kyoto Protocol.

^e "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines for annual inventories" (FCCC/SBSTA/2006/9).

^f A Party has not reported an estimate for an Annex A category that accounted for 7 per cent or more of the Party's aggregate emissions (decision 15/CMP.1, para. 3(b)).

| | SUBMISSION OF S | UPPLEMENTARY | INFORMATION UNI | DER ARTICLE 7.1 | |
|---------------|---|-----------------|----------------------|---------------------------|-----------|
| | | Date of receipt | Date of resubmission | Comments | |
| ation | KP-LULUCF information ^a | 26 March 2012 | | NIR, page 361, chapter 11 | |
| information | KP-LULUCF CRF ^b | 26 March 2012 | | CRF provided for years: | 2008–2010 |
| supplementary | Information on Kyoto units (ERUs, CERs, RMUs and AAUs) ^c | 26 March 2012 | | NIR, page 376, chapter 12 | 2 |
| | SEF ^d with Kyoto units | 26 March 2012 | | | |
| Reporting of | Change in national system ^e | 26 March 2012 | | NIR, page 382, chapter 13 | 3 |
| Repor | Change in national registry ^e | 26 March 2012 | | NIR, page 383, chapter 14 | ļ |
| | Minimization of adverse impacts ^e | 26 March 2012 | | NIR, page 388, chapter 15 | 5 |

^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 the annex to decision 15/CMP.1, paragraphs 5–9.

^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, and, if any, elected activities under Article 3, paragraph 4, using the agreed CRF tables adopted under decision 6/CMP.3. 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 the annex to decision 15/CMP.1, section I.E.

^d SEF for reporting Kyoto Protocol units, as adopted under decision 14/CMP.1 and required by the annex to decision 15/CMP.1, paragraph 11.

^e The requirements for Parties to report on changes in national systems in accordance with Article 5, paragraph 1, changes in national registries, and the minimization of adverse impacts in accordance with Article 3, paragraph 14, are set out in sections I.F, I.G and I.H, respectively, of the annex to decision 15/CMP.1.

| | | Provision | of info | rmation for t | he latest | | PART | | ar in tl | he commo | on reno | orting format: 2010 | | | |
|--------|---------------------------|-----------|----------|----------------|-----------|-----------|----------|----------|----------|----------|----------|------------------------|----------|-------|----------|
| | | Energy | | Industrial pro | | SOPU | | Agricult | | LULUC | | KP-LULUCF ^a | | Waste | |
| | Sectoral report | 1 | √ | 2(I) | √ | 3 | ✓ | 4 | ✓ | 5 | ✓ | 5(KP) | ✓ | 6 | ✓ |
| | tables | | | 2(II) | ✓ | | 1 | | ı | | I | | | | |
| | Sectoral | 1.A(a) | ✓ | 2(I).A-G | ✓ | 3.A-D | ✓ | 4.A | ✓ | 5.A | ✓ | 5(KP-I)A.1.1 | ✓ | 6.A | ✓ |
| | background data tables | 1.A(b) | ✓ | 2(II).C | ✓ | | 1 | 4.B(a) | √ | 5.B | ✓ | 5(KP-I)A.1.2 | √ | 6.B | √ |
| | | 1.A(c) | ✓ | 2(II).E | ✓ | | | 4.B(b) | √ | 5.C | ✓ | 5(KP-I)A.1.3 | √ | 6.C | √ |
| | | 1.A(d) | ✓ | 2(II).F | ✓ | | | 4.C | √ | 5.D | ✓ | 5(KP-I)A.2 | √ | | |
| | | 1.B.1 | ✓ | | | _ | | 4.D | √ | 5.E | ✓ | 5(KP-I)A.2.1. | √ | | |
| | | 1.B.2 | √ | | | | | 4.E | √ | 5.F | ✓ | 5(KP-I)B.1. | ✓ | | |
| | | 1.C | √ | | | | | 4.F | √ | 5 (I) | ✓ | 5(KP-I)B.2. | ✓ | | |
| les | | Bunkers | separate | ely 🗸 | | | | | • | 5 (II) | ✓ | 5(KP-I)B.3. | ✓ | | |
| Tables | | | | | _ | | | | | 5 (III) | ✓ | 5(KP-I)B.4. | ✓ | | |
| | | | | | | | | | | 5 (IV) | ✓ | 5(KP-II)1 | ✓ | | |
| | | | | | | | | | | 5 (V) | ✓ | 5(KP-II)2 | ✓ | | |
| | | | | | | | | | | | • | 5(KP-II)3 | ✓ | | |
| | | | | | | | | | | | | 5(KP-II)4 | ✓ | | |
| | | | | | | | | | | | | 5(KP-II)5 | ✓ | | |
| | | | | | | | | | | | | Accounting table | ✓ | | |
| | Summary tables | Summar | y 1.A | √ | Summa | ry 1.B | | ✓ | | | Sum | mary 2 | • | , | / |
| | Other tables | Summar | ry 3 | ✓ | Table 7 | (Key cate | gorie | s) 🗸 | | | Tabl | e 9(a) (Completeness) |) | , | / |
| | | Table 10 | (Trend | s) 🗸 | | | | | | | Tabl | e 9(b) (Completeness |) | | |
| | 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.3.

| | | | | | PAI | RTI | | | | | | |
|---------------------|--|------------------|-----------------|-------------|--|---------------|--------------|-----------|----------------------|-----------|--------|------------|
| | Provision of i | nformation for t | he lates | st reported | linventory | year in the c | ommon rep | orting fo | rmat: 2010 (| continue | d) | |
| als | Provided for gases | CO₂ ✓ | CH ₄ | √ | N_2O | ~ | HFCs 🗸 | | PFCs 🗸 | | SF_6 | / |
| Totals | Provided for years | 1990–2010 | 1990– | 2010 | 1990– | -2010 | 1990–2010 | | 1990–2010 | | 1990- | -2010 |
| | | Reference appro | oach | Sectoral a | pproach | Difference m | ore than 2 p | oer cent | If difference | e is more | than . | 2 per cent |
| CO_2 | Comparison of CO ₂ from fuel combustion | √ | | √ | | | | | Explanation provided | 1 | | |
| ري و | | | | • | HFCs | | PFCs | | 1 | SF_6 | • | |
| Cs, SF ₆ | Disaggregation by sp | pecies | | | ✓ | | ✓ | | | | | |
| HFCs, PFCs, | Reporting of actual a | • | | | Actual | Potential | Actual | Potent | ial | Actual | | Potential |
| HF | estimates in the categ and SF ₆ | ory consumption | of hal | ocarbons | √ | ✓ | ✓ | ✓ | | ✓ | | √ |
| otation keys | Used in | Summary table . | 1.A | ✓ | Sectoral report tables Sectoral background data tables | | | | | | | / |
| Notation keys | Comments | | | | | | | | | | | |

| | | | | | | | | | | n | •• | . 6 . | | | | PART II | |
|----------------------|---------------|-----------------|-------------|---------------------------|----------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|---|---|
| | | | | Years | | | | | | Prov | ISIOII | 1 01 C | OHHI | 10II F | epor | ting format tables for y | ears reported |
| | | | | Base year ^a | 1990 | 1995 | 2000 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Information gaps relating to reporting ^b | Comments |
| | Sect | oral report: ta | ble 1 | | ✓ | √ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| | | Table 1.A(a) | | | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | V | ✓ | | |
| | | Table 1.A(b) | | | ✓ | √ | ✓ | √ | √ | √ | √ | √ | √ | ✓ | ✓ | | |
| Energy | | Table 1.A(c) | | | ✓ | √ | ✓ | √ | √ | √ | √ | √ | √ | ✓ | ✓ | | |
| Ene | SBDT | Table 1.A(d) | | | ✓ | √ | ✓ | √ | ✓ | √ | √ | √ | √ | ✓ | ✓ | | |
| | | Table 1.B.1 | | | ✓ | √ | ✓ | √ | ✓ | √ | √ | √ | √ | ✓ | ✓ | | |
| | | Table 1.B.2 | | | ✓ | √ | ✓ | √ | ✓ | √ | √ | ✓ | √ | ✓ | √ | ✓ | |
| | | Table 1.C | | | √ | ✓ | ✓ | √ | √ | √ | ✓ | ✓ | √ | √ | ✓ | | |
| | Sect | | Table 2(I) | | √ | ✓ | ✓ | √ | √ | √ | ✓ | ✓ | √ | √ | ✓ | | |
| | repo | 118. | Table 2(II) | | √ | √ | ✓ | √ | √ | √ | √ | √ | \ | √ | ✓ | | |
| cesses | | Table 2(I).A- | -G | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | √ | | |
| ial pro | Table 2(II).C | | 1 | | √ | √ | ✓ | √ | √ | √ | √ | √ | \ | √ | ✓ | | |
| Industrial processes | SBDT | Table 2(II).E | | | √ | √ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | | No numerical data are reported in this table. For the years 1990–2007 the notation key NO is used. For the years 2008–2010 the notation keys NO, NA are used. |
| | | Table 2(II).F | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |

| | | | | | | | | | | | | | | | PART II | |
|-------------|------|----------------------|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| | | | | | | | | P | rovis | sion (| of cor | nmo | n rep | orti | ng format tables for ye | ears reported (continued) |
| | | | Years | | | | | | | | | | | | | |
| | | | Base year ^a | 1990 | 2661 | 2000 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 5005 | 2010 | Information gaps relating to reporting b | Comments |
| asn | Sect | oral report: Table 3 | | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Solvent | SOPU | Table 3.A–D | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| | Sect | oral report: Table 4 | | √ | ✓ | V | ✓ | ✓ | √ | √ | √ | √ | ✓ | ✓ | | |
| | | Table 4.A | | √ | √ | V | √ | ✓ | | |
| | | Table 4.B(a) | | √ | ~ | V | ~ | √ | √ | √ | √ | √ | ~ | √ | | |
| lture | | Table 4.B(b) | | √ | √ | V | √ | √ | √ | √ | √ | ✓ | √ | ✓ | | |
| Agriculture | 1 ** | Table 4.C | | √ | √ | V | √ | √ | √ | √ | √ | ✓ | √ | ✓ | | No numerical data are reported in this table, the notation key NO is used. |
| | | Table 4.D | | √ | √ | ~ | ✓ | ✓ | √ | √ | √ | √ | √ | √ | | |
| | | Table 4.E | | √ | √ | ~ | ✓ | √ | | No numerical data are reported in this table, the notation key NO is used. |
| | | Table 4.F | | √ | ✓ | V | ~ | √ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | | No numerical data are reported in this table, the notation keys NO, NE are used. |

| | | | | | | | | P | Provis | sion (| of co | mmo | n rep | ortii | PART II ng format tables for ye | ars reported (continued) |
|--------|-------|----------------------|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|
| | | | Years | | | | | | | | | | | | | |
| | | | Base year ^a | 0661 | 1995 | 2000 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Information gaps relating to reporting ^b | Comments |
| | Secto | oral report: Table 5 | | √ | ✓ | ✓ | ✓ | √ | ✓ | √ | √ | ✓ | ✓ | √ | | |
| | | Table 5.A | | V | ✓ | ✓ | ✓ | V | ✓ | V | V | ✓ | ✓ | ✓ | | |
| | | Table 5.B | | V | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | V | | |
| | | Table 5.C | | ✓ | √ | √ | √ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | √ | | |
| | | Table 5.D | | ✓ | ✓ | √ | √ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | √ | | |
| JCF | | Table 5.E | | ✓ | ✓ | ✓ | √ | ✓ | √ | ✓ | ✓ | √ | √ | ✓ | | |
| LULUCF | SBDT | Table 5.F | | ✓ | √ | √ | ✓ | ✓ | √ | V | ✓ | ✓ | ✓ | ✓ | | |
| | | Table 5 (I) | | ✓ | √ | √ | ✓ | ✓ | √ | V | ✓ | ✓ | ✓ | ✓ | | |
| | | Table 5 (II) | | V | √ | √ | ✓ | √ | ✓ | V | ✓ | √ | √ | √ | | No numerical data are reported in this table, the notation keys NA, NE are used. |
| | | Table 5 (III) | | V | √ | ✓ | ✓ | √ | ✓ | V | ✓ | √ | √ | ~ | | |
| | | Table 5 (IV) | | V | √ | ✓ | ✓ | ~ | ✓ | V | √ | √ | √ | ~ | | |
| | | Table 5 (V) | | ✓ | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |

| | | | | | | | Pr | ovisi | on of | f con | ımon | rep | ortin | | PART II mat tables for years r | reported (continued) |
|-----------|------|---------------------------|---------------------------|------|------|------|------|-------|-------|-------|------|----------|----------|----------|---|--|
| | | | Years | | | | | | | | | | | | | |
| | | | Base year ^a | 0661 | 1995 | 2000 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 5009 | 2010 | Information gaps relating to reporting ^b | Comments |
| | Sect | oral report: Table 5 (KP) | | | | | | | | | | ✓ | ✓ | ✓ | | |
| | | Table 5 (KP-I) A.1.1 | | | | | | | | | | √ | V | ✓ | | |
| | | Table 5 (KP-I)A.1.2 | | | | | | | | | | ✓ | √ | √ | | No numerical data are reported in this table, the notation key NO is used. |
| | | Table 5 (KP-I) A.1.3 | | | | | | | | | | ✓ | V | ✓ | | No numerical data are reported in this table, the notation key NA is used. |
| | | Table 5 (KP-I) A.2 | | | | | | | | | | ✓ | √ | √ | | |
| | | Table 5 (KP-I) A.2.1 | | | | | | | | | | ✓ | V | ✓ | | No numerical data are reported in this table, the notation key NO is used. |
| | | Table 5 (KP-I) B.1 | | | | | | | | | | ✓ | V | ✓ | | |
| KP-LULUCF | TC | Table 5 (KP-I) B.2 | | | | | | | | | | ✓ | V | ✓ | | |
| T-T | SBDT | Table 5 (KP-I) B.3 | | | | | | | | | | ✓ | V | ✓ | | No numerical data are reported in these tables, the notation key NA is used. |
| , k | | Table 5 (KP-I) B.4 | | | | | | | | | | √ | V | ✓ | | |
| | | Table 5 (KP-II) 1 | | | | | | | | | | ✓ | V | ✓ | | |
| | | Table 5 (KP-II) 2 | | | | | | | | | | ✓ | ✓ | √ | | No numerical data are reported in this table, the notation key NA is used. |
| | | Table 5 (KP-II) 3 | | | | | | | | | | ✓ | V | ✓ | | |
| | | Table 5 (KP-II) 4 | | | | | | | | | | √ | V | ✓ | | No numerical data are reported in this table, the notation keys NO, NA are used. |
| | | Table 5 (KP-II) 5 | | | | | | | | | | ✓ | ✓ | ✓ | | |
| | Acc | ounting table | | | | | | | | | | ✓ | V | ✓ | | |

| | | | | | |] | Prov | ision | of co | omm | on re | eport | | | ART II nat tables for years reported (continued) |
|--------------------------|------|--|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| | | | Years | | | | | | | | | | | | |
| | | | Base year ^a | 0661 | 1995 | 2000 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Information gaps relating to reporting Comments |
| | Sect | oral report: Table 6 | | ✓ | ✓ | V | ✓ | | ✓ | √ | ✓ | ✓ | ✓ | ✓ | |
| ste | | Table 6.A | | √ | ✓ | √ | ✓ | ✓ | ✓ | √ | √ | √ | ✓ | ✓ | |
| Waste | SBDT | Table 6.B | | √ | ✓ | √ | ✓ | ✓ | ✓ | √ | √ | √ | ✓ | ✓ | |
| | | Table 6.C | | √ | ✓ | √ | √ | ✓ | ✓ | V | √ | √ | ✓ | ✓ | |
| | | Summary 1.A | | √ | ✓ | √ | ✓ | ✓ | ✓ | √ | √ | √ | ✓ | ✓ | |
| | | Summary 1.B | | √ | ✓ | √ | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | √ | |
| | | Summary 2 (CO ₂ equivalent emissions) | | ✓ | ✓ | ✓ | ✓ | ✓ | √ | √ | ✓ | ✓ | √ | ✓ | |
| tables | | Summary 3 (Methods/emission factors) | | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | √ | ✓ | |
| other | IC | Table 7 (Key categories) | | √ | | | | | | | | | | ✓ | |
| Summary and other tables | | Table 8(a) (Recalculation – recalculated data) | | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | √ | | |
| Sun | | Table 8(b) (Recalculation – explanatory information) | | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ | √ | | |
| | | Table 9(a) (Completeness) | | √ | ✓ | ✓ | ✓ | V | √ | √ | √ | √ | ✓ | √ | |
| | | Table 9(b) (Completeness) | | | | | | | | | | | | | |
| | | Table 10 (Trends) | | √ | √ | V | V | √ | √ | √ | √ | √ | √ | ✓ | |

^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 a 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.

^b This column indicates that reporting gaps (blank cells) have been identified in a given table of the CRF. This was owing to limited use, or lack, of notation keys (NO, NE, NA, IE, C).

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| PART III | | | | | | | | | | | | | |
|--------------------------------------|------------------|--|-------------------------------|-------------|-----------------|----------|--|--|--|--|--|--|--|
| | | Provision of info | ormation relating to recalc | ulations | | | | | | | | | |
| Table 8(a) (Recalculated data) | ✓ | Comments | | | | | | | | | | | |
| Recalculation reported for years | 1990–2009 | | | | | | | | | | | | |
| Recalculated sectors/gases | Energy | Industrial processes | Solvent and other product use | Agriculture | LULUCF | Waste | | | | | | | |
| CO ₂ | √ | ✓ | ✓ | | ✓ | | | | | | | | |
| CH ₄ | √ | ✓ | | ✓ | ✓ | | | | | | | | |
| N_2O | √ | | ✓ | ✓ | √ | ✓ | | | | | | | |
| HFCs | | √ | | | | | | | | | | | |
| PFCs | | ✓ | | | | | | | | | | | |
| SF ₆ | | ✓ | | | | | | | | | | | |
| Table 8(b) (Explanatory information) | ✓ | ✓ | ✓ | ✓ | √ | √ | | | | | | | |
| Percentage difference in aggregate | e greenhouse gas | Base year estimate: ^a | with LULUCF: | 13.24 % | without LULUCF: | 0.30 % | | | | | | | |
| emission | | Latest recalculated year: ^b | with LULUCF: | 29.80 % | without LULUCF: | -0.66 % | | | | | | | |

^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 a 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.

^b The latest recalculated year is the submission year minus 3.

| PART IV | | | | | | | |
|---|---|--|----------|-------------|--|--|--|
| Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4 | | | | | | | |
| | | | Provided | Observation | | | |
| | Emissions by sources and removals by sinks are clearly distinguished from emissions from categories included in Annex A to the Kyoto Protocol | | √ | | | | |
| 6 | Information on how inventory methodologies have been applied taking into account IPCC good practice guidance for LULUCF ^a and decision 16/CMP.1 | | ✓ | | | | |
| -9 shc | Information on geographical location of the boundaries of areas that encompass: | | | | | | |
| ragrap | | Units of land subject to activities under Article 3.3 | ✓ | | | | |
| annex, pa | _ | Units of land subject to activities under Article 3.3, which would otherwise be included in land subject to elected activities under Article 3.4 | √ | | | | |
| MP.1, | | Land subject to elected activities under Article 3.4 | ✓ | | | | |
| sion 15/C | Information on the spatial assessment unit for determining the area of accounting for afforestation, reforestation and deforestation | | √ | | | | |
| Reporting requirements under decision 15/CMP.1, annex, paragraphs 5–9 | Information on GHG emissions/removals resulting from activities under Article 3.3 and 3.4, for all geographical locations reported in the current and previous years since the beginning of the commitment period or the onset of the activity, whichever comes later | | ✓ | | | | |
| | Information on carbon pools (above-ground/below-ground biomass, litter, dead wood and soil organic carbon) that are not accounted for | | √ | | | | |
| eporting r | Information on anthropogenic GHGs from LULUCF activities under Article 3.3 and 3.4 factoring out removals from: | | | | | | |
| R | | 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 | ✓ | | | | |

^a The Intergovernmental Panel on Climate Change Good Practice Guidance for Land Use, Land-Use Change and Forestry.

| PART IV | | | | | | | | |
|---|---|--|----------|---|--|--|--|--|
| Provision of information relating to KP-LULUCF activities under Article 3, paragraphs 3 and 4 (continued) | | | | | | | | |
| | | | Provided | Observation | | | | |
| | Specific information to be reported for Article 3.3 activities: | | | | | | | |
| Reporting requirements under decision 15/CMP.1, annex, paragraphs 5-9 | | Activities under Article 3.3 that began on or after 1 January 1990 and before 31 December of the last year of the commitment period, and are directly human induced | / | | | | | |
| | | How harvesting or forest disturbance that is followed by the re-establishment of forest is distinguished from deforestation | ~ | | | | | |
| | | Emissions/removals from lands harvested during the first commitment period following afforestation and reforestation on these units of land since 1990 | / | | | | | |
| | Specific information to be reported for Article 3.4 activities: | | | | | | | |
| | | Activities under Article 3.4 that occurred since 1 January 1990 and are human induced | ✓ | | | | | |
| | | Cropland management, grazing land management, revegetation: emissions/removals reported for each year of the commitment period and for the base year for each of the elected activities on the geographical locations reported | | Sweden elected only forest management under Article 3, paragraph 4. | | | | |
| | | Emissions/removals from Article 3.4 activities that are not accounted for under activities under Article 3.3 | | Information required in paragraph 9(c) of the annex to 15/CMP.1 is not included in the submission. In its response to the draft status report, Sweden stated that "This information is included in the submission. It can be found in NIR-2 and in NIR at page 364, 11.1.3 and on page 367." | | | | |
| | | Forest management: information on the extent to which GHG removals by sinks offsets the debit incurred under Article 3.3 | / | | | | | |