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**ERS SC v3.3**

**Name of Party: Nicaragua**

**Electronic Reporting System of the Stockholm Convention ( Third reporting) Part A: General information**

**2. Official Contact Point(s).  
  
According to our records the designated Official Contact Points in your country are:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Organization: | Departament: | Job position: | Full name: | Tel: | Fax: | Address: | e-Mail: | Web Site: |
| Ministerio del Ambiente y los Recursos Naturales (MARENA) | Dirección General de Calidad Ambiental (DGCA) | Director de Seguridad Química | Helio C. Zamora Baca | +505 (263) 2830 /32 |  | Kilometro 13 Carretera Norte P.O. Box 5123 Managua Nicaragua | helioza@hotmail.com |  |

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**2.1 - Do you want to make a request to the Secretariat to update the above-mentioned records or to make a new designation for Official Contact Point ?**

☒ Yes

☐ No

**2.2 - Request to the Secretariat to update the Secretariat records for the Designated Official Contact Points to the Stockholm Convention or to make a new designation.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Organization: | Department: | Job Position: | Full Name: | Tel: | Fax: | Address: | e-Mail: | Web site: |
| Comisión Nacional de Registro y Control de Sustancias Tóxicas (CNRCST) | Dirección de Revisión, Evaluación y Registro | Evaluador Ecotoxicológico | Rodolfo Antonio Moreira Boedecker | +505 222 - 820 - 02 / 11 |  | Avenida Bolívar, Costado Sur de la Asamblea Nacional | Rmoreira@sepres.gob.ni |  |

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**2.3 Upload supporting documents.**

**3. National Focal Point(s).  
  
According to our records the designated National Focal Points in your country are:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Organization : | Department: | Job Position: | Full Name: | Tel: | Fax: | Address: | e-Mail: | Web site: |
| Ministerio de Ambiente y Recursos Naturales |  | Directora General de Calidad Ambiental | Hilda Espinoza Urbina | +505 22 33 44 55 | +505 22 33 44 55 | Km. 12.5 Carretera Panamericana Norte Frente a Corporación de Zonas Francas Managua Nicaragua | espinoza.urbina@gmail.com |  |

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**3.1 - Do you want to make a request to the Secretariat to update the above-mentioned records or to make a new designation for National Focal Points?**

☒ Yes

☐ No

**3.2 - Request to the Secretariat to update the Designated National Focal Point records for the Stockholm Convention or to make a new designation.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Organization: | Department: | Job Position: | Full Name: | Tel: | Fax: | Address: | e-Mail: | Web site: |
| Ministerio de Ambiente y Recursos Naturales |  | Directora General de Calidad Ambiental | Hilda Espinoza Urbina | +505 22 33 44 55 | +505 22 33 44 55 | Km. 12.5 Carretera Panamericana Norte Frente a Corporación de Zonas Francas Managua Nicaragua | espinoza.urbina@gmail.com |  |

Please use the following link to download the table in excel.

[Download Excel Table](http://ers.pops.int//ERS-Extended/ExcelFiles/Temp/ERS_SC_v3.3-NI-NFP_Info_Updated.xlsx)

**3.3 Upload supporting documents. Attach Form for notification of designation of contacts, completed by a duly authorized entity, and any supporting documents e.g. nomination letters. Kindly note that self-nominations will not be considered.**

**Part B: Information on the measures taken by the Party to implement the provisions of the Stockholm Convention and on the effectiveness of such measures in meeting the objectives of the Convention. Section I. Article 7: Implementation plans**

**1. Has your country developed a national implementation plan,in accordance with paragraph 1 (a) and (b) of Article 7 of the Convention?**

☒ Yes

☐ Currently being developed.

☐ No

☐ Other (Please specify)

**1.1 Has your country transmitted the national implementation plan?**

☒ Transmitted

☐ Pending approval for transmission.

☐ In the process of transmission.

**1.2 Please specify the date of transmission.**

**Date of transmission:**

29/04/2006

**2. Has your country received financial assistance from the Global Environment Facility (GEF) to develop the national implementation plan?**

☒ Yes

☐ No

☐ Other (Please specify)

**2.1 Please select the implementing agency from which you received the GEF’s financial assistance.**

☐ Food and Agriculture Organization (FAO).

☐ International Fund for Agricultural Development (IFAD).

☒ United Nations Development Programme (UNDP).

☐ United Nations Environment Programme (UNEP).

☐ United Nations Industrial Development Organization (UNIDO).

☐ World Bank.

☐ Regional Development Banks.

☐ Directly accessed from the Global Environment Facility (GEF).

☐ Other (Please specify)

**3. Has your country reviewed and updated your national implementation plan, in accordance with paragraph 1 (c) of Article 7 of the Convention and the guidance for the review and updating of national implementation plans set out in the annex to decision SC-1/12?**

☐ Yes

☒ Currently being reviewed and updated.

☐ No

☐ Other (Please specify)

**4. Has your country received financial assistance from the Global Environment Facility to review and update your national implementation plan?**

☒ Yes

☐ No

**4.1**

|  |  |
| --- | --- |
| Objective of the updating of your NIP | Implementing agency that you received the GEF’s financial assistance from |
| For updating the national implementation plan to address the 9 new POPs listed by decisions SC-4/10-SC-4/18. | |  |  | | --- | --- | | [] | Food and Agriculture Organization (FAO). | | [] | International Fund for Agricultural Development (IFAD). | | [x] | United Nations Development Programme (UNDP). | | [] | United Nations Environment Programme (UNEP). | | [] | United Nations Industrial Development Organization (UNIDO). | | [] | World Bank. | | [] | Regional Development Banks. | | [] | Directly accessed to the Global Environment Facility (GEF). | | [] | Other. (Please specify.) | |  | |
| For updating the national implementation plan to address endosulfan listed by decision SC-5/3. | |  |  | | --- | --- | | [] | Food and Agriculture Organization (FAO). | | [] | International Fund for Agricultural Development (IFAD). | | [x] | United Nations Development Programme (UNDP). | | [] | United Nations Environment Programme (UNEP). | | [] | United Nations Industrial Development Organization (UNIDO). | | [] | World Bank. | | [] | Regional Development Banks. | | [] | Directly accessed to the Global Environment Facility (GEF). | | [] | Other. (Please specify.) | |  | |
| For updating the national implementation plan to address any other changes. | |  |  | | --- | --- | | [] | Food and Agriculture Organization (FAO). | | [] | International Fund for Agricultural Development (IFAD). | | [x] | United Nations Development Programme (UNDP). | | [] | United Nations Environment Programme (UNEP). | | [] | United Nations Industrial Development Organization (UNIDO). | | [] | World Bank. | | [] | Regional Development Banks. | | [] | Directly accessed to the Global Environment Facility (GEF). | | [] | Other. (Please specify.) | |  | |

**Please provide comments, if any, on questions [1 ] to [4 ] of this section:**

1. Nicaragua submitted its national implementation plan to the Secretariat of the Convention of the Stockholm Convention on 29 April 2006.

2. Yes, through the project on "Initial support to enable Nicaragua to fulfil its obligations on persistent organic pollutants under the Stockholm Convention".

3. The national plan is being updated, and is due to be completed in October 2016.

In 2011, a project was developed that updated some of the information contained in the NIP.

"Updating the national inventory of POPs-containing pesticide wastes" as part of the project to improve the management and containment of the pesticide POP releases in Nicaragua (improved management of POPs) PROCESO DC-131-2009.

4. Yes, through the project on "Activities to support the revision and updating of the national implementation plan of the Stockholm Convention on persistent organic pollutants (POPs)".

**Section II. Article 3: Measures to reduce or eliminate releases from intentional production and use**

**5. Has your country prohibited and/or taken any legal and administrative measures necessary to eliminate releases from intentional production and use of chemicals listed in Annex A in accordance with paragraph 1 (a) of Article 3 of the Convention, or restrict the production and use of the chemicals listed in Annex B to the Convention, in accordance with paragraph 1 (b) of Article 3 of the Convention?  
Chemicals listed in Annex A to the Convention**

|  |  |  |  |
| --- | --- | --- | --- |
| Chemicals | Legal/administrative measure (Please select all that apply.) | Year | Remarks |
| Aldrin CAS No: 309-00-2 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | Before 2001 | | Before 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |  | |
| Alpha hexachlorocyclohexane CAS No: 319-84-6 | |  |  | | --- | --- | | [] | Restriction in accordance with Annex A. | | [] | Prohibition on production. | | [] | Prohibition on all uses. | | [] | Prohibition on import. | | [] | Prohibition on export. | | [] | Currently being developed. | | [x] | No legal/administrative measures taken. | | |  | | --- | |  | |  | |  | |  | |  | | |  | | --- | |  | |  | |  | |  | |  | |  | |  | |
| Beta hexachlorocyclohexane CAS No: 319-85-7 | |  |  | | --- | --- | | [] | Restriction in accordance with Annex A. | | [] | Prohibition on production. | | [] | Prohibition on all uses. | | [] | Prohibition on import. | | [] | Prohibition on export. | | [] | Currently being developed. | | [x] | No legal/administrative measures taken. | | |  | | --- | |  | |  | |  | |  | |  | | |  | | --- | |  | |  | |  | |  | |  | |  | |  | |
| Chlordane CAS No: 57-74-9 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |  | |
| Chlordecone CAS No: 143-50-0 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |  | |  | |
| Dieldrin CAS No: 60-57-1 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |
| Endrin CAS No: 72-20-8 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |
| Heptachlor CAS No: 76-44-8 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |  | |
| Hexabromobiphenyl CAS No: 36355-01-8 | |  |  | | --- | --- | | [] | Restriction in accordance with Annex A. | | [] | Prohibition on production. | | [] | Prohibition on all uses. | | [] | Prohibition on import. | | [] | Prohibition on export. | | [] | Currently being developed. | | [x] | No legal/administrative measures taken. | | |  | | --- | |  | |  | |  | |  | |  | | |  | | --- | |  | |  | |  | |  | |  | |  | |  | |
| Hexabromodiphenyl ether and heptabromodiphenyl ether | |  |  | | --- | --- | | [] | Restriction in accordance with Annex A. | | [] | Prohibition on production. | | [] | Prohibition on all uses. | | [] | Prohibition on import. | | [] | Prohibition on export. | | [] | Currently being developed. | | [x] | No legal/administrative measures taken. | | |  | | --- | |  | |  | |  | |  | |  | | |  | | --- | |  | |  | |  | |  | |  | |  | |  | |
| Hexachlorobenzene CAS No: 118-74-1 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |  | |
| Lindane CAS No: 58-89-9 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |  | |
| Mirex CAS No: 2385-85-5 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001.  Ministry Agreement No.23-2001. | |
| Pentachlorobenzene CAS No: 608-93-5 | |  |  | | --- | --- | | [] | Restriction in accordance with Annex A. | | [] | Prohibition on production. | | [] | Prohibition on all uses. | | [] | Prohibition on import. | | [] | Prohibition on export. | | [] | Currently being developed. | | [x] | No legal/administrative measures taken. | | |  | | --- | |  | |  | |  | |  | |  | | |  | | --- | |  | |  | |  | |  | |  | |  | |  | |
| Polychlorinated biphenyls (PCB) | |  |  | | --- | --- | | [] | Restriction in accordance with Annex A. | | [] | Prohibition on production. | | [] | Prohibition on all uses. | | [x] | Prohibition on import. | | [] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | |  | |  | |  | | 2007 | |  | | |  | | --- | |  | |  | |  | | Ministry Resolution No. 037-2007, prohibiting the import of: • Wastes containing PCBs • Equipment containing PCBs • Tools contaminated with PCBs | |  | |  | |
| Technical endosulfan (CAS No: 115-29-7) and its related isomers CAS No: 959-98-8 and CAS No: 33213-65-9) | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2014 | | 2014 | | 2014 | | 2014 | | 2014 | | |  | | --- | | Ministry Resolution 001-2014.  Ministry Resolution 001-2014.  Ministry Resolution 001-2014.  Ministry Resolution 001-2014.  Ministry Resolution 001-2014. | |  | |
| Tetrabromodiphenyl ether and pentabromodiphenyl ether | |  |  | | --- | --- | | [] | Restriction in accordance with Annex A. | | [] | Prohibition on production. | | [] | Prohibition on all uses. | | [] | Prohibition on import. | | [] | Prohibition on export. | | [] | Currently being developed. | | [x] | No legal/administrative measures taken. | | |  | | --- | |  | |  | |  | |  | |  | | |  | | --- | |  | |  | |  | |  | |  | |  | |  | |
| Toxaphene CAS No: 8001-35-2 | |  |  | | --- | --- | | [x] | Restriction in accordance with Annex A. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | | 2001 | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | | Ministry Agreement No.23-2001. | | Ministry Agreement No.23-2001. | | Ministry Agreement No.23-2001. | | Ministry Agreement No.23-2001. | | Ministry Agreement No.23-2001. | |  | |

**Chemicals listed in Annex B to the Convention**

|  |  |  |  |
| --- | --- | --- | --- |
| Chemicals | Legal/administrative measure (Please select all that apply.) | Year | Remarks |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) CAS No: 50-29-3 | |  |  | | --- | --- | | [] | Restriction in accordance with Annex B. | | [x] | Prohibition on production. | | [x] | Prohibition on all uses. | | [x] | Prohibition on import. | | [x] | Prohibition on export. | | [] | Currently being developed. | | [] | No legal/administrative measures taken. | | |  | | --- | |  | | 2001 | | 2001 | | 2001 | | 2001 | | |  | | --- | |  | | Ministry Agreement No.23-2001. | | Ministry Agreement No.23-2001. | | Ministry Agreement No.23-2001. | | Ministry Agreement No.23-2001. | |
| Perfluorooctane sulfonic acid (CAS No: 1763-23-1), its salts and perfluorooctane sulfonyl fluoride (CAS No: 307-35-7) | |  |  | | --- | --- | | [] | Restriction in accordance with Annex B. | | [] | Prohibition on production. | | [] | Prohibition on all uses. | | [] | Prohibition on import. | | [] | Prohibition on export. | | [] | Currently being developed. | | [x] | No legal/administrative measures taken. | | |  | | --- | |  | |  | |  | |  | |  | | |  | | --- | |  | |  | |  | |  | |  | |  | |  | |

**6. In accordance with paragraph 3 of Article 3 of the Convention, has your country taken measures to regulate new pesticides or new industrial chemicals (i.e. chemicals that have not yet been introduced in the market or registered in your country), with the aim of preventing the production and use of new chemicals that exhibit the characteristics of persistent organic pollutants, taking into consideration the criteria in paragraph 1 of Annex D?**

☐ Yes

☐ Currently being developed.

☒ No

**6.1 Please specify.**

☐ My country has no regulatory and assessment schemes for new pesticides or industrial chemicals.

☒ My country has regulatory and assessment schemes for new pesticides or new industrial chemicals, but it does not take into consideration the criteria in paragraph 1 of Annex D.

**7. In accordance with paragraph 4 of Article 3 of the Convention, has your country taken into consideration the criteria in paragraph 1 of Annex D when conducting assessments of pesticides or industrial chemicals currently in use?**

☐ Yes

☐ Currently being developed.

☒ No

**7.1 Please specify.**

☒ My country has no regulatory and assessment schemes for existing pesticides or industrial chemicals.

☐ My country has regulatory and assessment schemes for existing pesticides or industrial chemicals, but it does not take into consideration the criteria in paragraph 1 of Annex D

**Please provide comments, if any, on questions 5 to 7 of this section:**

**Section III. Article 4: Register of specific exemptions; Annex A and Annex B**

**8. Has your country notified the Secretariat to register for specific exemptions listed in Annex A or Annex B or for acceptable purposes listed in Annex B?**

☐ Yes

☒ No

☐ In preparation for notification.

**Section IV. Article 5: Measures to reduce or eliminate releases from unintentional production**

**9. Has your country developed, reviewed and updated an action plan designed to identify, characterize and address the release of the chemicals listed in Annex C, in accordance with paragraph (a) of Article 5 of the Convention?**

☒ Yes

☐ Currently being developed.

☐ No

☐ Other : (Please specify)

**9.1 Please select the year(s) in which the action plan was developed, reviewed and/or updated.**

**Development of the action plan:**

2006

**Review and updating of the action plan:**

2011|2014

**10. Has your country encountered difficulties in the implementation of the action plan?**

☒ Yes

☐ No

**10.1 Please select all that apply**

☐ Lack of institutional or policy framework.

☒ Lack of financial resources.

☐ Limited human resources.

☒ Insufficient technical capacity.

☐ Insufficient information.

☐ Other : (Please specify)

**11. Has your country been participating in any regional or sub-regional action plan?**

☒ Yes

☐ No

**11.1 Please specify in which regional or sub-regional action plan your country is participating.**

Comprehensive programme of action to phase out DDT and reduce the long-term effects of exposure to this substance in Mexico and Central America (PAEDDT).

Chemicals Information Exchange Network (CIEN) project (Mexico and Central America)

Preparation of regional inventories and national plans for the environmentally sound management of PCBs and PCBs in equipment in Central America (PO/BC/BD/4030-03-18).

**11.2 Please select the starting year.**

**Year:**

Before 2001

**12. Has your country developed source inventories and release estimates of the chemicals listed in Annex C to the Convention taking into consideration the source categories identified in Annex C, in accordance with paragraph (a) (i) of Article 5 of the Convention?**

☒ Yes

☐ Currently being developed

☐ No

**12.1 Has your country developed an inventory of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDD/PCDF)?**

☒ Yes

☐ No

**12.1.1 – Please provide the information sources used for the inventory of Polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF).**

|  |  |  |
| --- | --- | --- |
| Reference year | Information source | Other published sources |
| 2004 | UNEP-Toolkit 2005 | http://www.pops.int/documents/guidance |

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**12.1.2 – Please provide the inventory data for releases of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF) (gTEQ/year).**

|  |  |
| --- | --- |
| Source group | Inventory |
| Waste incineration | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] | 45.856 |  |  |  | 0.0226 | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Ferrous and non-ferrous metal production | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] | 0.0790 | 0.0016 |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Heat and power generation | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] | 76.603 |  |  |  | 20.072 | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Production of mineral products | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] | 32.659 |  |  |  | 0.6833 | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Transportation | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] | 28.053 |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Open burning processes | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] | 1723.378 |  | 310.020 |  | 3001.436 | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Production of chemicals and consumer goods | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Waste disposal | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Miscellaneous | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] | 0.0148 |  |  |  | 0.4892 | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |

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**Section IV. Article 5: Measures to reduce or eliminate releases from unintentional production**

**12.2 Has your country developed an inventory of polychlorinated biphenyls (PCB) (kg/year)?**

☒ Yes

☐ No

**12.2.1 Please provide the information sources used for the inventory of polychlorinated biphenyls (PCB)**

|  |  |  |
| --- | --- | --- |
| Reference year | Information source | Other published sources |
| 2004 | UNEP-Toolkit 2005 |  |

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**12.2.2 – Please provide the inventory data for releases of polychlorinated biphenyls (PCB) (kg/year)**

|  |  |
| --- | --- |
| Source group | Inventory |
| Waste incineration | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Ferrous and non-ferrous metal production | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Heat and power generation | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Production of mineral products | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Transportation | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Open burning processes | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Production of chemicals and consumer goods | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Waste disposal | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] |  |  |  |  |  | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |
| Miscellaneous | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Year | NR | Air | Water | Land | Product | Residue | | Before 2001 | [] |  |  |  |  |  | | 2014 | [] |  |  |  |  |  | | 2013 | [] |  |  |  |  |  | | 2012 | [] |  |  |  |  |  | | 2011 | [] |  |  |  |  |  | | 2010 | [] |  |  |  |  |  | | 2009 | [] |  |  |  |  |  | | 2008 | [] |  |  |  |  |  | | 2007 | [] |  |  |  |  |  | | 2006 | [] |  |  |  |  |  | | 2005 | [] |  |  |  |  |  | | 2004 | [] | 884.53 |  |  |  | 10441.92 | | 2003 | [] |  |  |  |  |  | | 2002 | [] |  |  |  |  |  | | 2001 | [] |  |  |  |  |  | |

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**Section IV. Article 5: Measures to reduce or eliminate releases from unintentional production**

**12.3 Has your country developed an inventory of pentachlorobenzene (kg/year)?**

☐ Yes

☒ No

**Section IV. Article 5: Measures to reduce or eliminate releases from unintentional production**

**12.4 Has your country developed an inventory of hexachlorobenzene (kg/year)?**

☐ Yes

☒ No

**Section IV. Article 5: Measures to reduce or eliminate releases from unintentional production**

**13. Has your country undertaken an evaluation of the efficacy of the laws and policies adopted to manage releases of unintentionally produced persistent organic pollutants, in accordance with paragraph (a) (ii) of Article 5 of the Convention?**

☐ Yes

☐ Currently being undertaken.

☒ No

**14. Has your country promoted or introduced requirements for use of best available techniques (BAT) and best environmental practices (BEP) for new sources and existing sources, in accordance with paragraphs (d) and (e) of Article 5 of the Convention?**

☒ Yes

☐ Currently being introduced.

☐ No

**14.1 New Sources - Please select all that apply and specify the starting year.**

☐ Require use of BAT for all source categories.

☐ Require use of BAT for identified priority source categories only.

☒ Promote use of BAT for all source categories.

**Starting year:**

2013

☐ Promote use of BAT for identified priority source categories only.

☐ Promote use of BEP for all source categories.

☐ Promote use of BEP for identified priority source categories only

**14.2 Existing Sources - Please select all that apply and specify the starting year.**

☐ Require use of BAT for all source categories.

☐ Require use of BAT for identified priority source categories only.

☒ Promote use of BAT for all source categories.

**Starting year:**

2013

☐ Promote use of BAT for identified priority source categories only.

☐ Promote use of BEP for all source categories.

☐ Promote use of BEP for identified priority source categories only.

**Please provide comments, if any, on questions [9] to [14] of this section:**

14. Guidelines for best environmental practices have been developed; these are not compulsory, however:

Guide on improved environmental practices in institutional management

National forest fire plans

Public guide for the safe handling of POPs-containing and non-POPs-containing pesticides

Technical guide for the storage of POPs-containing and non-POPs-containing pesticides

Technical guide for the safe handling of empty containers

Technical guide for the transport of POPs-containing and non-POPs-containing pesticides

**Section V. Article 6: Measures to reduce or eliminate releases from stockpiles and wastes**

**15. Has your country developed strategies for identifying stockpiles consisting of, or containing, chemicals listed in either Annex A or Annex B to the Convention, in accordance with paragraph 1 (a) (i) of Article 6 of the Convention?**

☒ Yes

☐ Currently being developed.

☐ No

**15.1.a Please select the year(s) in which the strategies were developed for pesticides listed in annexes A or B.**

**Years:**

2004

**15.1.b Please select the type of chemicals and the year(s) in which the strategies were developed for industrial chemicals listed in annexes A or B.**

|  |  |
| --- | --- |
| Type of industrial chemicals | Years: |
| Polychlorinated biphenyls | 2004 |

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**16. Has your country identified stockpiles consisting of, or containing, chemicals listed in Annex A or Annex B to the Convention, in accordance with paragraph 1 (b) of Article 6 of the Convention?**

☒ Yes

☐ No

**16.1.a Please select the year(s) in which the stockpiles were identified for pesticides listed in annexes A or B.**

**Years:**

2004

**16.1.b Please select the type of chemicals and the year(s) in which the stockpiles were identified for industrial chemicals listed in annexes A or B.**

|  |  |
| --- | --- |
| Type of industrial chemicals | Years |
| Polychlorinated biphenyls | 2004 |

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**16.2 Has your country quantified the stockpiles consisting of, or containing, chemicals listed in Annex A or Annex B to the Convention?**

☒ Yes

☐ No

**16.2.a Please select the year(s) in which the measures were taken for pesticides listed in annexes A or B.**

**Years:**

2004

**16.2.b Please select the type of chemicals and the year(s) in which the measures were taken for industrial chemicals listed in annexes A or B.**

|  |  |
| --- | --- |
| Type of industrial chemicals | Years |
| Polychlorinated biphenyls | 2004 |

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**17. Has your country taken any measures to manage stockpiles in a safe, efficient and environmentally sound manner, in accordance with paragraph 1 (c) of Article 6 of the Convention?**

☒ Yes

☐ No

**17.1.a Please select the year(s) in which the measures were taken for pesticides listed in annexes A or B.**

**Years:**

Before 2001|2002|2006

**17.1.b Please select the type of chemicals and the year(s) in which the measures were taken for industrial chemicals listed in annexes A or B.**

|  |  |
| --- | --- |
| Type of industrial chemicals | Years |
| Polychlorinated biphenyls | 2006 |

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**18. Has your country developed strategies for identifying products and articles in use and wastes consisting of, containing, or contaminated with chemicals listed in Annex A, B or C, in accordance with paragraph 1 (a) (ii) of Article 6 of the Convention?**

☒ Yes

☐ Currently being developed.

☐ No

**18.1.a Please select the year(s) in which the strategies were developed for pesticides listed in annexes A or B.**

**Years:**

2006

**18.1.b Please select the type of chemicals and the year(s) in which the strategies were developed for industrial chemicals listed in annexes A or B.**

|  |  |
| --- | --- |
| Type of industrial chemicals | Years |
| Polychlorinated biphenyls | 2006 |

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**18.1.c Please select the year(s) in which the strategies were developed for unintentional chemicals listed in annex C.**

**Years:**

2005

**19. Has your country taken any measures to manage wastes, including products and articles upon becoming wastes, in accordance with paragraph 1 (d) of Article 6 of the Convention?**

☒ Yes

☐ No

**19.1.a Please select the year(s) in which the measures were taken for pesticides listed in annexes A or B.**

**Years:**

2002|2005|2006

**19.1.b Please select the type of chemicals and the year(s) in which the measures were taken for industrial chemicals listed in annexes A or B.**

|  |  |
| --- | --- |
| Type of industrial chemicals | Years |
| Polychlorinated biphenyls | 2006 |

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**19.1.c Please select the year(s) in which the measures were taken for unintentional chemicals listed in annex C.**

**Years:**

2002|2005|2006

**20. Has your country disposed of wastes consisting of or containing chemicals listed in Annex A, B, or C to the Convention in an environmentally sound manner, in accordance with paragraph 1 (d) (ii) of Article 6 of the Convention?**

☒ Yes

☐ Currently being implemented.

☐ No

☐ Information not available.

**20.1.a Please select the year(s) in which the wastes were disposed of, for pesticides listed in annexes A or B.**

**Years:**

Before 2001|2002

**20.1.b Please select the type of chemicals and the year(s) in which the wastes were disposed of, for industrial chemicals listed in annexes A or B.**

|  |  |  |
| --- | --- | --- |
| Type of industrial chemicals | Years | Total quantity of disposal (t) |

**20.1.c Please select the year(s) in which the wastes were disposed of, for unintentional chemicals listed in annex C.**

**Years:**

Before 2001|2002

**21. Has your country developed strategies for identifying sites contaminated by chemicals listed in Annex A, B or C, in accordance with paragraph 1 (e) of Article 6 of the Convention?**

☒ Yes

☐ Currently being developed.

☐ No

**21.1.a Please select the year(s) in which the strategies were developed for pesticides listed in annexes A or B.**

**Years:**

2005

**21.1.b Please select the type of chemicals and the year(s) in which the strategies were developed for industrial chemicals listed in annexes A or B.**

|  |  |
| --- | --- |
| Type of industrial chemicals | Years |

**21.1.c Please select the year(s) in which the strategies were developed for unintentional chemicals listed in annex C.**

**Years:**

2005

**22. Has your country indentified sites contaminated by chemicals listed in Annex A, B or C, in accordance with paragraph 1 (e) of Article 6 of the Convention?**

☒ Yes

☐ Currently being identified.

☐ No

☐ Information not available.

**22.1.a Please select the year(s) in which the contaminated sites were identified for pesticides listed in annexes A or B.**

**Years:**

Before 2001|2004

**22.1.b Please select the type of chemicals and the year(s) in which the contaminated sites were identified for industrial chemicals listed in annexes A or B.**

|  |  |
| --- | --- |
| Type of industrial chemicals | Years |

**22.1.c Please select the year(s) in which the contaminated sites were identified for unintentional chemicals listed in annex C.**

**Years:**

Before 2001|2004

**23. Has your country taken steps to remediate the sites contaminated by chemicals listed in Annex A, B or C, in accordance with paragraph 1 (e) of Article 6 of the Convention?**

☒ Yes

☐ No

**23.1. Please select all that apply and specify the year.**

☐ Remediation plan is currently being prepared.

☒ Remediation is in progress since:

**Year:**

2011

☐ Remediation has been completed in:

**Please provide comments, if any, on questions [15] to [23] of this section:**

**Section VI. Information required in paragraph 2 of Article 15 of the Convention.**

**Production of chemicals listed in Annex A or Annex B to the Convention**

**24. Has your country produced any of the chemicals listed in Annex A or Annex B to the Convention? Production information Please complete the table. (\*) Information not available**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Chemicals | Yes | No | N/Av\* | Year in which the production started | Year in which the production ended | Estimated total production [kg] |
| Aldrin CAS No: 309-00-2 |  | X |  |  |  |  |
| Alpha hexachlorocyclohexane CAS No: 319-84-6 |  | X |  |  |  |  |
| Beta hexachlorocyclohexane CAS No: 319-85-7 |  | X |  |  |  |  |
| Chlordane CAS No: 57-74-9 |  | X |  |  |  |  |
| Chlordecone CAS No: 143-50-0 |  | X |  |  |  |  |
| Dieldrin CAS No: 60-57-1 |  | X |  |  |  |  |
| Endrin CAS No: 72-20-8 |  | X |  |  |  |  |
| Heptachlor CAS No: 76-44-8 |  | X |  |  |  |  |
| Hexabromobiphenyl CAS No: 36355-01-8 |  | X |  |  |  |  |
| Hexabromodiphenyl ether and heptabromodiphenyl ether |  | X |  |  |  |  |
| Hexachlorobenzene CAS No: 118-74-1 |  | X |  |  |  |  |
| Lindane CAS No: 58-89-9 |  | X |  |  |  |  |
| Mirex CAS No: 2385-85-5 |  | X |  |  |  |  |
| Pentachlorobenzene CAS No: 608-93-5 |  | X |  |  |  |  |
| Polychlorinated biphenyls (PCB) |  | X |  |  |  |  |
| Technical endosulfan (CAS No: 115-29-7) and its related isomers (CAS No: 959-98-8 and CAS No: 33213-65-9) |  | X |  |  |  |  |
| Tetrabromodiphenyl ether and pentabromodiphenyl ether |  | X |  |  |  |  |
| Toxaphene CAS No: 8001-35-2 |  | X |  |  |  |  |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) CAS No: 50-29-3 |  | X |  |  |  |  |
| Perfluorooctane sulfonic acid (CAS No: 1763-23-1), its salts and perfluorooctane sulfonyl fluoride (CAS No: 307-35-7) |  | X |  |  |  |  |

Please use the following link to download the table in excel.

[Download Excel Table](http://ers.pops.int//ERS-Extended/ExcelFiles/Temp/ERS_SC_v3.3-NI-SC-B-VI-24.xlsx)

**Export of chemicals listed in Annex A or Annex B to the Convention**

**25. Has your country exported any of the chemicals listed in Annex A or Annex B to the Convention?**

☒ Yes

☐ No

☐ Information not available.

**25.1 Please select the year for which you have information on export of chemicals listed in Annexes A and B or a reasonable estimate of such data and save the table.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Chemical | Purpose | Destination Countries | Total annual export (kg/year) |

**Import of chemicals listed in Annex A or Annex B to the Convention**

**26. Has your country imported any of the chemicals listed in Annex A or Annex B to the Convention?**

☐ Yes

☒ No

☐ Information not available.

**Information on DDT**

**27. Has your country submitted a report on the production and use of DDT in a format provided by the Secretariat in accordance with paragraph 4 of Part II of Annex B?**

☐ Yes

☐ No

☒ Not applicable.

**Please provide comments, if any, on questions [24] to [27] of this section:**

25. Yes, 516.7 tons of POPs were exported to Finland and the Netherlands for disposal.

1998: 102.2 tons were disposed of.

1999: 320.0 tons were disposed of.

2002: 94.5 tons were disposed of.

**Section VII. Article 9: Information exchange**

**28. Has your country established an information exchange mechanism, in accordance with Article 9 of the Convention?**

☐ Yes

☒ No

**Please provide comments, if any, on this section.**

**Section VIII. Article 10: Public information, awareness and education.**

**29. Has your country taken any measures to implement Article 10 of the Convention?**

☒ Yes

☐ No

**29.1 Please select the year in which your country started to take measures to implement Article 10 of the Convention.**

**Year:**

2005

**29.2 Please select all that apply.**

☒ Awareness on persistent organic pollutants among policy and decision makers.

☒ Provision to the public of all available information on persistent organic pollutants.

☒ Development and implementation of educational programmes especially for women, children and the least educated on persistent organic pollutants, as well as on their health and environmental effects and on their alternatives.

☒ Public participation in addressing persistent organic pollutants and their health and environmental effects.

☒ Training of workers, scientists, educators and technical and managerial personnel.

☒ Development and exchange of educational and public awareness materials at the national and international level.

☒ Development and implementation of education and training programmes at the national and international level.

☐ Other : (Please specify)

**Please provide comments, if any, on this section.**

"National plan for implementing the Stockholm Convention on Persistent Organic Pollutants PNA 2006-2026" (IAS 10-00014042) Nicaragua 2005

**Section IX. Article 11: Research, development and monitoring**

**30. Has your country undertaken any research, development, and monitoring and cooperation pertaining to persistent organic pollutants, and where relevant, to their alternatives and to candidate persistent organic pollutants, in accordance with Article 11 of the Convention?**

☒ Yes

☐ No

**30.1 Please select the type of action(s) undertaken.**

☐ Research and development.

☒ Monitoring.

☐ Cooperation.

**30.2 Please select the year(s) in which your country started the research, development, and monitoring and cooperation pertaining to persistent organic pollutants.**

**Years:**

2004

**30.3 Please select all activities that apply.**

☒ Sources and releases into the environment.

☒ Presence, levels and trends in human health and the environment.

☐ Environmental transport, fate and transformation.

☒ Socio economic and cultural impacts.

☒ Effects on human health and the environment.

☐ Release reduction and/or elimination.

☐ Harmonised methodologies for making inventories of generating sources.

☐ Analytical techniques for the measurement of releases.

☐ Other : (Please specify)

**Please provide comments, if any, on this section.**

Research in POPs-related topics is being conducted at these universities:

National Autonomous University of Nicaragua-León (UNAN León)

Aquatic Resources Research Centre, National Autonomous University of Nicaragua, Managua (UNAN Managua – CIRA)

**Section X. Article 12: Technical assistance**

**31. Has your country provided technical assistance to another Party, in accordance with Article 12 of the Convention ?**

☐ Yes

☒ No

**32. Has your country received technical assistance in accordance with Article 12 of the Convention?**

☒ Yes

☐ No

**32.1 Please indicate the estimated total value of the contribution, including in-kind contribution, received from each Party, and types of technical assistance as identified in the annex to decision SC-1/15. Information on technical assistance received from the parties**

|  |  |  |  |
| --- | --- | --- | --- |
| Year: | Party name | Type of technical assistance received | Estimated total value (US$) |

**Please provide comments, if any, on questions [31] to [32] of this section:**

31. Nicaragua has no financial or technological resources.

32. We have received technical assistance from the following bodies:

Stockholm Convention Regional Centre in Uruguay

Pan American Health Organization

World Health Organization

**Section XI. Article 13: Financial resources and mechanisms**

**33. Has your country undertaken to provide, within its capabilities, financial support and incentives in respect of those national activities that are intended to achieve the objectives of the Convention in accordance with your national plans, priorities and programmes, pursuant to paragraph 1 of Article 13 of the Convention?**

☒ Yes

☐ No

**33.1 - Please indicate the total amount of financial support provided per year.**

|  |  |  |
| --- | --- | --- |
| Years: | Total amount (US$) | Remarks |
| 2014 | 227478 | • As at 17 December 2015, the Biogas Programme in Nicaragua (PBN) had paid out 6,326,800 córdobas (US$ 227,478) in incentive bonuses to some 500 rural cattle-farming families that had built and installed biogas systems and were using them. The incentive bonus is US$ 480 dollars and is to be invested bythe farming family in technology. |

Please use the following link to download the table in excel.

[Download Excel Table](http://ers.pops.int//ERS-Extended/ExcelFiles/Temp/ERS_SC_v3.3-NI-SC-B-XI-33.1-YES.xlsx)

**33.2 - Please indicate the types of incentives provided.**

|  |  |  |
| --- | --- | --- |
| Years: | Incentives | Remarks |
| Before 2009 | Implementation of pollution prevention measures. | The Ministry of Development, Industry and Trade (MIFIC), 2008: Survey of incentives for the use of clean technologies, goods and inputs that contribute to the protection of the environment by micro, small and medium-sized enterprises (MSMEs). |

Please use the following link to download the table in excel.

[Download Excel Table](http://ers.pops.int//ERS-Extended/ExcelFiles/Temp/ERS_SC_v3.3-NI-SC-B-XI-33.2-YES.xlsx)

**34. Has your country provided financial resources to enable developing country Parties and Parties with economies in transition to fulfill their obligations under the Convention, in accordance with paragraphs 2 and 3 of Article 13 of the Convention?**

☐ Yes

☒ No

**35. Has your country provided financial resources in accordance with its capabilities and in accordance with its national plans, priorities and programmes, to assist developing countries and countries with economies in transition in their implementation of the Convention through other bilateral, regional and multilateral sources or channels, in accordance with paragraph 3 of Article 13 of the Convention?**

☐ Yes

☒ No

**Please provide comments, if any, on questions [33] to [35] of this section:**

**Part C: Information on progress in eliminating polychlorinated biphenyls (PCB) in accordance with subparagraph (g) of Part II of Annex A to the Convention. Section I. Article 6: Measures to reduce or eliminate releases from stockpiles and wastes**

**1. Has your country developed strategies for identifying stockpiles consisting of or containing greater than 0.005% (50 ppm) PCB, in accordance with paragraph 1 (a) (i) of Article 6 of the Convention?**

☒ Yes

☐ Currently being developed.

☐ No

**1.1 Please select the year(s) in which the strategies were developed.**

**Years:**

Before 2009

**1.2 Please select all elements that are included in the strategies.**

☐ Media campaign.

☒ Regulatory and enforcement policies.

☐ Incentives.

☐ Partnerships with stakeholders.

☒ Identification of relevant sectors.

☒ Database (electronic or paper copy).

☐ Formal communication.

☐ Informal communication.

☐ Door to door search.

☐ Other : (Please specify)

**2. Has your country developed strategies for identifying products and articles in use and wastes consisting of, containing or contaminated with greater than 0.005% (50 ppm) PCB, in accordance with paragraph 1 (a) (ii) of Article 6 of the Convention?**

☒ Yes

☐ Currently being developed

☐ No

**2.1 Please select the year(s) in which the strategies were developed.**

**Years:**

Before 2009

**2.2 Please select all elements that are included in the strategies.**

☐ Media campaign.

☒ Regulatory and enforcement policies.

☐ Incentives.

☐ Partnerships with stakeholders.

☐ Identification of relevant sectors.

☒ Database (electronic or paper copy).

☒ Formal communication.

☐ Informal communication.

☐ Door to door search.

☐ Other : (Please specify)

**3. Has your country developed strategies for identifying products and articles containing more than 0.005% (50 ppm) PCB contaminated through open applications of PCB (e.g. cable-sheaths, cured caulk and painted objects), in accordance with paragraph 1 (a) (ii) of Article 6 and paragraph (f) of Part II of Annex A to the Convention?**

☒ Yes

☐ Currently being developed

☐ No

**3.1 Please select the year(s) in which the strategies were developed.**

**Years:**

Before 2009

**3.2 Please select all elements that are included in the strategies.**

☐ Media campaign.

☒ Regulatory and enforcement policies.

☐ Incentives.

☐ Partnerships with stakeholders.

☒ Identification of relevant sectors.

☒ Database (electronic or paper copy).

☒ Formal communication.

☐ Informal communication.

☐ Door to door search.

☐ Other : (Please specify)

**4. Has your country taken any measures to ensure PCB or products and articles containing greater than 0.005% (50 ppm) PCB identified as wastes are managed in an environmentally sound manner, in accordance with paragraph 1 (d) of Article 6 of the Convention?**

☒ Yes

☐ Currently being developed

☐ No

**4.1 Please select the year in which the measures started to be taken.**

2008

**4.2 Please select all measures that apply.**

☒ Handled in an environmentally sound manner.

☒ Collected in an environmentally sound manner.

☒ Transported in an environmentally sound manner.

☒ Stored in an environmentally sound manner.

☐ Disposed of in such a way that the persistent organic pollutant content is destroyed or irreversibly transformed, or otherwise disposed of in an environmentally sound manner, in accordance with paragraph 1 (d) (ii) of Article 6 of the Convention.

**5. Has your country developed strategies for identifying sites contaminated by greater than 0.005% (50 ppm) PCB, in accordance with paragraph 1 (e) of Article 6 of the Convention?**

☐ Yes

☐ Currently being developed

☒ No

**6. Has your country identified sites contaminated by greater than 0.005% (50 ppm) PCB, in accordance with paragraph 1 (e) of Article 6 of the Convention?**

☒ Yes

☐ Currently being identified.

☐ No

**6.1 Please select the year(s) in which the contaminated sites were identified.**

**Years:**

Before 2009

**Please provide comments, if any, on questions [1] to [6] of this section:**

**Section II. Part II of Annex A: Polychlorinated biphenyls**

**7. Has your country taken measures to identify and label, where appropriate, equipment in use containing greater than 0.005% (50 ppm) PCB, in accordance with paragraph (a) (iii) of Part II of Annex A?**

☒ Yes

☐ No

**7.1 Please select the year in which the measures started to be taken.**

**Year:**

2008

**7.2 Please select all measures that apply.**

☐ Constitution of task force.

☐ Questionnaire survey.

☒ Legislation/regulation.

☐ Development of inventory.

☐ Other : (Please specify)

**8. Has your country taken measures to identify and/or label, where appropriate, wastes liable to contain greater than 0.005% (50 ppm) PCB, in accordance with paragraph (a) (iii) of Part II of Annex A to the Convention?**

☒ Yes

☐ No

**8.1 Please select the year in which the measures started to be taken.**

**Year:**

2008

**8.2 Please select all measures that apply.**

☒ Use of labels for identification.

☐ Use of screening test for identification.

☐ Use of laboratory analysis for identification.

☐ Other : (Please specify)

**9. Has your country taken measures to identify articles containing more than 0.005% (50 ppm) PCB contaminated through open applications of PCB (e.g. cable-sheaths, cured caulk and painted objects), in accordance with paragraph (f) of Part II of Annex A to the Convention?**

☐ Yes

☒ No

**10. What proportion of waste containing greater than 0.005% (50 ppm) PCB identified in your country is managed in an environmentally sound manner?**

☐ All (100%).

☒ Partially

☐ None

☐ Information not available.

**10.1 Please select the approximate proportion.**

☒ Most of the waste (51-99%).

☐ Limited amount of waste (1-50%).

**11. Has your country developed a specific plan for the management, phase-out and disposal of PCB?**

☐ Yes

☐ Currently being developed.

☐ No

**12. Has your country encountered any difficulties in the implementation of the specific plan for the management, phase-out and disposal of PCB?**

☒ Yes

☐ No

**12.1 Please select all main problem sources that apply.**

☐ Lack of institutional or policy framework.

☒ Lack of financial resources.

☐ Limited human resources.

☐ Insufficient technical capacity.

☒ Lack of disposal facilities.

☐ Lack of storage facilities.

☐ Lack of analytical laboratories.

☐ Other : (Please specify)

**13. Has your country promoted any measures to reduce exposures from the use of PCB, in accordance with paragraph (b) of Part II of Annex A to the Convention?**

☒ Yes

☐ No

**13.1 Please select the year in which your country has started to promote measures to reduce exposures from the use of PCB.**

**Year:**

2007

**13.2 Please select all measures that your country has promoted.**

☐ Use only in intact and non-leaking equipment and only in areas where the risk of environmental release can be minimized and quickly remedied.

☐ No use in equipment in areas associated with the production or processing of food or feed.

☐ When used in populated areas, measures are in place to protect from electrical failure which could result in a fire.

☐ When used in schools, measures are in place to protect from electrical failure which could result in a fire.

☐ When used in hospitals, measures are in place to protect from electrical failure which could result in a fire.

☐ When used in populated areas, regular inspection of equipment is made for leaks.

☐ When used in schools, regular inspection of equipment is made for leaks.

☐ When used in hospitals, regular inspection of equipment is made for leaks.

**14. Has your country undertaken an inventory of PCB in equipment (e.g. transformers, capacitors or other receptacles containing liquid stocks), articles, oils and waste?**

☒ Yes

☐ Currently being developed.

☐ No

**14.1 Was it a complete inventory or a preliminary inventory?**

☐ Complete inventory.

☒ Preliminary inventory.

**14.2 Please provide the most recent inventory information in the table below.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Source | Status of equipment | Year of inventory | Number of equipment | Total mass of equipment [Kg] | Mass of solid parts of equipment (equipment without oil) [Kg] | Mass of liquids (oil) [Kg] | PCB content in oil (%) | Total mass (kg) |
| Equipment containing greater than 10% (100,000 ppm) PCB and volumes greater than 5 litres | |  |  | | --- | --- | | [] | Equipment in service | | [] | Equipment out of service | | [] | Unspecified | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | |
| Equipment containing greater than 0.05% (500 ppm) PCB and volumes greater than 5 litres | |  |  | | --- | --- | | [] | Equipment in service | | [] | Equipment out of service | | [] | Unspecified | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | |
| Equipment containing greater than 0.005% (50 ppm) PCB and volumes greater than 0.05 litres. | |  |  | | --- | --- | | [] | Equipment in service | | [] | Equipment out of service | | [] | Unspecified | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | |
| Equipment containing an undefined concentration of PCB | |  |  | | --- | --- | | [x] | Equipment in service | | [x] | Equipment out of service | | [] | Unspecified | | |  | | --- | | 2004 | | 2004 | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | | 884.53 | | 10441.92 | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | |
| Stored liquids (oil) containing PCB | |  |  | | --- | --- | | [] | Equipment in service | | [] | Equipment out of service | | [] | Unspecified | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | |
| Other wastes containing PCB | |  |  | | --- | --- | | [] | Equipment in service | | [] | Equipment out of service | | [] | Unspecified | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | | |  | | --- | |  | |  | |  | |

**Please provide comments, if any, on questions [7 ] to [14] of this section:**

**Section III. Information on local destruction and import and export of PCB for destruction. Local destruction of PCB, in accordance with paragraph 1 d (ii) of Article 6 of the Convention.**

**15. Has your country locally destroyed, in an environmentally sound manner, equipment, liquids, or other wastes containing greater than 0.005% (50 ppm) PCB (e.g. transformers, capacitors or other receptacles containing liquid stocks) identified in your country?**

☐ Yes

☒ No

**Import of PCB for destruction**

**16. Has your country imported equipment, liquids, or other wastes containing greater than 0.005% (50 ppm) PCB for environmentally sound destruction?**

☐ Yes

☒ No

**Export of PCB for destruction**

**17. Has your country exported equipment, liquids, or other wastes containing greater than 0.005% (50 ppm) PCB (e.g. transformers, capacitors or other receptacles containing liquid stocks) for environmentally sound destruction?**

☐ Yes

☒ No

**Please provide comments, if any, on questions [15 ] to [17] of this section:**

**Part D: Information specifically on the progress made in eliminating perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride in accordance with paragraph 3 in Part III of Annex B to the Convention.**

**1. Has your country registered for any of the specific exemptions related to PFOS listed in Annex B to the Convention?**

☐ Yes

☒ No

**2. Has your country registered for any of the acceptable purposes related to PFOS listed in Annex B to the Convention?**

☐ Yes

☒ No

**3. If you answered yes to questions 1 and/or 2, has your country reviewed the continued need for the specific exemption(s) and/or acceptable purpose(s)?**

☐ Yes

☒ No

**4. Has your country developed and implemented an action plan with the goal of reducing and ultimately eliminating the production and/or use of PFOS, as Parties are encouraged to do in accordance with paragraph 4 (b) of Part III of Annex B?**

☐ Yes

☐ Currently being developed.

☒ No

**5. Has your country produced PFOS?**

☐ Yes

☐ No

**6. Has your country used PFOS for production in the various acceptable purposes and specific exemptions listed in Annex B?**

☐ Yes

☒ No

**7. Has your country taken any actions to phase out the use of PFOS as safer alternative substances or methods have become available, as Parties are encouraged to do in accordance with paragraph 4 (a) of Part III of Annex B?**

☐ Yes

☒ No

**7.1 Please select all that apply.**

☐ Unavailability of information on alternative substances or methods.

☒ Lack of financial resources.

☐ Insufficient technical capacity.

☐ Other : (Please specify)

**8. Has your country taken action to promote research on and development of safe alternative chemicals and non-chemical products and processes, methods and strategies to the use of PFOS as parties are encouraged to do in accordance with paragraph 4 (c) of Part III of Annex B?**

☐ Yes

☒ No

**8.1 Please select all that apply.**

☐ Unavailability of information on alternative substances or methods.

☒ Lack of financial resources.

☒ Insufficient technical capacity.

☐ Other : (Please specify)

**Please provide comments, if any, on questions [1] to [8] of this section:**

**Part E: Additional information and comments**

**1. Please provide any substantial information that you consider useful.**

**2. Please provide comments, suggestions and recommendations regarding ways to improve the reporting format, if any.**