**PART B**

**POPs Inventories Module**

**Inventory Report Format**

# 1. Summary of the inventory findings

**[Placeholder for narrative]**

# 2. Objectives and scope

**[Placeholder for narrative]**

# 3. Data methodology used and how data were gathered

**[Placeholder for narrative]**

# 4. Final results of the inventory in each sector considered a priority for the country

## 4.1 Policy and regulatory framework

**[Placeholder for narrative]**

### 4.1.1 Legal/administrative measures for chemicals listed in Annex A to the Convention

**[Placeholder for narrative]**

Table 1. Status of legal/administrative measures taken for chemicals listed in Annex A of the Convention, in accordance with paragraph 1 (a) of Article 3 of the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chemicals** | **Legal/administrative measure (select all that apply)** | | **Year** | **Remarks** |
| Aldrin | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Alpha hexachlorocyclohexane | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Beta hexachlorocyclohexane | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Chlordane | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Chlordecone | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Decabromodiphenyl ether (commercial mixture, c-decaBDE) | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Dicofol | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Dieldrin | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Endrin | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Heptachlor | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Hexabromobiphenyl | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | 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. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Hexabromocyclododecane | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Hexachlorobenzene | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Hexachlorobutadiene | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Lindane | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Mirex | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Pentachlorobenzene | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Pentachlorophenol and its salts and esters | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Polychlorinated biphenyls (PCB) | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Polychlorinated naphthalenes (PCN) | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Short-chain chlorinated paraffins (SCCPs) | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Technical endosulfan and its related isomers | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| 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. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Toxaphene | [] | Restriction in accordance with Annex A. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |

### 4.1.2 Legal/administrative measures for chemicals listed in Annex B to the Convention

**[Placeholder for narrative]**

Table 2. Status of legal/administrative measures taken for chemicals listed in Annex B of the Convention, in accordance with paragraph 1 (b) of Article 3 of the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chemicals** | **Legal/administrative measure (select all that apply)** | | **Year** | **Remarks** |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) | [] | Restriction in accordance with Annex B. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |
| Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride | [] | Restriction in accordance with Annex B. |  |  |
| [] | Prohibition on production. |  |  |
| [] | Prohibition on all uses. |  |  |
| [] | Prohibition on import. |  |  |
| [] | Prohibition on export. |  |  |
| [] | Currently being developed. |  |  |
| [] | No legal/administrative measures taken. |  |  |

#### 4.1.2.1 Strategies/action plan/measures for polychlorinated biphenyls (PCBs) management

**[Placeholder for narrative]**

Table 3. Status of strategies/measures for management of PCBs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Strategy/measure** | **Status** | **Year** | **Elements included in the strategy/measure** | **Remarks** |
| 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  [] Not relevant  [] Not applicable | [] | [] 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 : |  |
| 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  [] Not relevant  [] Not applicable | [] | [] 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 : |  |
| 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  [] Not relevant  [] Not applicable | [] | [] 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 : |  |
| 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  [] Not relevant  [] Not applicable | [] | [] 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. |  |
| 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  [] Not relevant  [] Not applicable | [] |  |  |
| measures to identify and label, where appropriate, equipment in use containing greater than 0.005% (50 ppm) PCB, in accordance with paragraph (a) of Part II of Annex A | [] Yes [] No  [] Not relevant  [] Not applicable | [] | [] Constitution of task force. [] Questionnaire survey. [] Legislation/regulation. [] Development of inventory. [] Other : |  |
| measures to identify and/or label, where appropriate, wastes liable to contain greater than 0.005% (50 ppm) PCB, in accordance with paragraph (a) of Part II of Annex A to the Convention | [] Yes [] No  [] Not relevant  [] Not applicable | [] | [] Use of labels for identification. [] Use of screening test for identification. [] Use of laboratory analysis for identification. [] Other : |  |
| 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  [] Not relevant  [] Not applicable | [] | [] Constitution of task force.  [] Questionnaire survey.  [] Legislation/regulation. [] Development of inventory. [] Other : |  |

Table 4. Status of developing a specific plan for the management, phase-out and disposal of PCB

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status of developing a specific plan for the management, phase-out and disposal of PCB** | **Year** | **Difficulties encountered in the implementation of the specific plan for the management, phase-out and disposal of PCB** | **Main problem sources** | **Remarks** |
| [] Yes [] No  [] Not relevant  [] Not applicable | [] | [] Yes [] No | [] 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 : |  |

Table 5. Status of promoting any measures to reduce exposures from the use of PCB, in accordance with paragraph (b) of Part II of Annex A to the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Status of promoting any measures to reduce exposures from the use of PCB** | **Year** | **Measures promoted** | **Remarks** |
| [] Yes [] No  [] Not relevant  [] Not applicable | [] | [] 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. [] Other : |  |

#### 4.1.2.2 Strategies/action plan/measures for POP-PBDEs management

Table 6. Strategies/action plan/measures for POP-PBDEs management, pursuant to paragraph 2 of parts IV and V of Annex A to the Stockholm Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Strategy/action plan/measure** | **Status** | **Chemical** | **Main problem** | **Year** | **Description of actions or control measures** | **Remarks** |
| taking actions or control measures to eliminate brominated diphenyl ethers contained in articles | [] Yes  [] Currently being developed  [] No  [] Not relevant  [] Not applicable | [] Hexabromodiphenyl ether and heptabromodiphenyl ether  [] Tetrabromodiphenyl ether and pentabromodiphenyl ether  [] Combined brominated diphenyl ethers | [] Lack of financial resources  [] Lack of technical capacity  [] Other |  |  |  |

#### 4.1.2.3 Strategies/action plan/measures for DDT

Table 7. Status of development of laws and regulations for DDT purchase and use

|  |  |  |  |
| --- | --- | --- | --- |
| **Status of development of national laws and regulations governing and restricting the purchase or use of DDT** | **National laws and regulations governing and restricting the purchase or use of DDT fully enforced** | **Quality control of DDT produced or imported** | **Remarks** |
| [] Yes  [] No  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Not relevant  [] Not applicable |  |

Table 8. Status of Integrated vector management strategy development and implementation

|  |  |  |
| --- | --- | --- |
| **Integrated vector management (IVM) strategy endorsed at national level** | **IVM strategy implemented throughout the country** | **Remarks** |
| [] Yes  [] No  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Not relevant  [] Not applicable |  |

#### 4.1.2.4 Strategies/action plan/measures for PFOS, its salts and PFOSF management

**[Placeholder for narrative]**

Table 9. Status of developing and implementing an action plan for reduction/eliminating PFOS, its salts and PFOSF, in accordance with paragraph 4 (b) of Part III of Annex B

|  |  |  |  |
| --- | --- | --- | --- |
| **Strategy/action plan/measure** | **Status** | **Year** | **Remarks** |
| developing and implementing an action plan with the goal of reducing and ultimately eliminating the production and/or use of PFOS | [] Yes [] Currently being developed. [] No  [] Not relevant  [] Not applicable | [] |  |

Table 10. Strategies/action plan/measures for PFOS, its salts and PFOSF management, in accordance with paragraph 4 (a) of Part III of Annex B

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Strategy/action plan/measure** | **Status** | **Use** | **Description of the alternative substances or methods** | **Main problem sources** | **Remarks** |
| taking any actions to phase out the use of PFOS as safer alternative substances or methods have become available, | [] Yes [] No  [] Not relevant  [] Not applicable | [] Photo-imaging |  | [] Unavailability of information on alternative substances or methods. [] Lack of financial resources. [] Insufficient technical capacity. [] Other : |  |
| [] Photo-resist and anti-reflective coatings for semi-conductors |  |  |
| [] Etching agent for compound semiconductors and ceramic filters |  |  |
| [] Aviation hydraulic fluids |  |  |
| [] Metal plating (hard metal plating) only in closed-loop systems |  |  |
| [] Certain medical devices (such as ethylene tetrafl uoroethylene copolymer (ETFE) layers and radio-opaque ETFE production, in-vitro diagnostic medical devices, and CCD colour filters) |  |  |
| [] Fire-fighting foam |  |  |
| [] Insect baits for control of leaf-cutting ants from Atta spp. and Acromyrmex spp |  |  |
| [] Photo masks in the semiconductor and liquid crystal display (LCD) industries |  |  |
| [] Metal plating (hard metal plating) |  |  |
| [] Metal plating (decorative plating) |  |  |
| [] Electric and electronic parts for some colour printers and colour copy machines |  |  |
| [] Insecticides for control of red imported fi re ants and termites |  |  |
| [] Chemically driven oil production |  |  |
| [] Carpets |  |  |
| [] Leather and apparel |  |  |
| [] Textiles and upholstery |  |  |
| [] Paper and packaging |  |  |
| [] Coatings and coating additive |  |  |
| [] Rubber and plastics |  |  |
| [] Other uses |  |  |

Table 11. Status of promoting research and development of alternatives to PFOS, its salts and PFOSF management, in accordance with paragraph 4 (c) of Part III of Annex B

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Action** | **Status** | **Action taken** | **Main problem sources** | **Remarks** |
| 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 so in accordance with paragraph 4 (c) of Part III of Annex B | [] Yes  [] No  [] Not relevant  [] Not applicable | [] | [] Unavailability of information on alternative substances or methods.  [] Lack of financial resources.  [] Insufficient technical capacity.  [] Other : |  |
| build the capacity of countries to transfer safely to reliance on alternatives to PFOS, its salts and PFOSF in accordance with paragraph 5 (d) of Part III of Annex B | [] Yes  [] No  [] Not relevant  [] Not applicable | [] | [] Unavailability of information on alternative substances or methods.  [] Lack of financial resources.  [] Insufficient technical capacity.  [] Other : |  |

#### 4.1.2.5 Strategies/action plan/measures for unintentional POPs management

**[Placeholder for narrative]**

Table 12. Status of developing an action plan to identify, characterize and address releases of chemicals listed in Annex C, in accordance with paragraph (a) of Article 5 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action Plan** | **Status** | **Year** | **Difficulties in the implementation of the action plan** | **Main problem sources** | **Remarks** |
| action plan designed to identify, characterize and address the release of the chemicals listed in Annex C | [] Yes [] Currently being developed. [] No  [] Not relevant  [] Not applicable | Development of the action plan:  Review and updating of the action plan: | [] Yes [] No | [] Lack of institutional or policy framework. [] Lack of financial resources. [] Limited human resources. [] Insufficient technical capacity. [] Insufficient information. [] Other : |  |

Table 13. Status of participating in regional/sub-regional action plan identify, characterize and address releases of chemicals listed in Annex C, in accordance with paragraph (a) of Article 5 of the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Action** | **Status** | **Name of regional or sub-regional action plan** | **Starting year** | **Remarks** |
| participating in any regional or sub-regional action plan | [] Yes [] No  [] Not relevant  [] Not applicable | [] | [] |  |

Table 14. Status of evaluating efficacy of the laws and policies adopted to manage releases of unintentionally POPs, in accordance with paragraph (a) (ii) of Article 5 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Year** | **Remarks** |
| evaluation of the efficacy of the laws and policies adopted to manage releases of unintentionally produced persistent organic pollutants | [] Yes [] Currently being developed. [] No  [] Not relevant  [] Not applicable | [] |  |

Table 15. Status of promoting or introducing 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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Measure** | **Status** | **New sources** | **Existing sources** | **Remarks** |
| promoted or introduced requirements for use of best available techniques (BAT) and best environmental practices (BEP) for new sources and existing sources | [] Yes [] Currently being developed. [] No  [] Not relevant  [] Not applicable | [] Require use of BAT for all source categories. Starting year:  [] Require use of BAT for identified priority source categories only. Starting year:  [] Promote use of BAT for all source categories. Starting year:  [] Promote use of BAT for identified priority source categories only. Starting year:  [] Promote use of BEP for all source categories. Starting year:  [] Promote use of BEP for identified priority source categories only Starting year: | [] Require use of BAT for all source categories. Starting year:  [] Require use of BAT for identified priority source categories only. Starting year:  [] Promote use of BAT for all source categories. Starting year:  [] Promote use of BAT for identified priority source categories only.  Starting year:  [] Promote use of BEP for all source categories. Starting year:  [] Promote use of BEP for identified priority source categories only. Starting year: |  |

#### 4.1.2.6 Strategies/measures for POPs stockpiles and waste management

**[Placeholder for narrative]**

Table 16. Status of developing strategies and taking measure to identify and manage 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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Strategy/measures** | **Status** | **Main problem sources** | **Year** | **Type** | **Year** | **Type** | **Remarks** |
| ***Pesticides listed in annexes A or B:*** | | ***Industrial chemicals listed in annexes A or B:*** | |
| developed strategies for identifying stockpiles consisting of, or containing, chemicals listed in either Annex A or Annex B to the Convention | [] Yes [] Currently being developed. [] No  [] Not relevant  [] Not applicable | [] Lack of institutional or policy framework. [] Limited financial resources. [] Limited human resources. [] Insufficient technical capacity. [] Other : | [] |  | [] | [] |  |
| taking any measures to manage stockpiles in a safe, efficient and environmentally sound manner | [] Yes [] No  [] Not relevant  [] Not applicable | [] Lack of institutional or policy framework. [] Limited financial resources. [] Limited human resources. [] Insufficient technical capacity. [] Other : | [] |  | [] | [] |  |

Table 17. Status of developing strategies and taking measure to identify and manage products and articles in use and wastes consisting of, containing, or contaminated with chemicals listed in Annex A, B or C, including contaminated sites, in accordance with paragraph 1 (a) (ii) of Article 6 of the Convention

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Strategy/measures** | **Status** | **Main problem sources** | **Type** | **Year** | **Type** | **Year** | **Type** | **Year** | **Remarks** |
| ***Pesticides listed in annexes A or B:*** | | ***Industrial chemicals listed in annexes A or B:*** | | ***Unintentional chemicals listed in annex C*** | |
| developing strategies for identifying products and articles in use and wastes consisting of, containing, or contaminated with chemicals listed in Annex A, B or C | [] Yes [] Currently being developed. [] No  [] Not relevant  [] Not applicable | [] Lack of financial resources. [] Limited human resources. [] Insufficient technical capacity. [] Other | [] |  | [] | [] | [] |  |  |
| taking any measures to manage wastes, including products and articles upon becoming wastes | [] Yes [] No  [] Not relevant  [] Not applicable |  | [] |  | [] | [] | [] |  |  |
| developing strategies for identifying sites contaminated by chemicals listed in Annex A, B or C | [] Yes [] Currently being developed. [] No  [] Not relevant  [] Not applicable | [] Lack of financial resources. [] Limited human resources. [] Insufficient technical capacity. [] Other | [] |  | [] | [] | [] |  |  |

### 4.1.3 Institutional framework

**[Placeholder for narrative]**

### 4.1.4 Stakeholders roles

**[Placeholder for narrative]**

Table 18. National POPs management stakeholders and related roles

|  |  |  |
| --- | --- | --- |
| **Stakeholder** | **Role** | **Remarks** |
|  |  |  |
|  |  |  |
|  |  |  |

## 4.2 Assessment of the POPs issue in the country

This subchapter would contain specific information on POPs listed under the three annexes of the Stockholm Convention, including: historical, current, and projected future production, use, import, export and waste management; existing policy and regulatory framework.

**[Placeholder for narrative]**

### 4.2.1 Assessment of POPs pesticides (Annex A, Part I)

**[Placeholder for narrative]**

#### 4.2.1.1 Production

**[Placeholder for narrative]**

Table 19. Information on production of POPs pesticides, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemicals** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
| Aldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Alpha hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Beta hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Chlordane | [] Yes  [] No  [] Information not available |  |  |  |  |
| Chlordecone | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Dicofol | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Dieldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Endrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Heptachlor | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Hexachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Lindane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Mirex | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Pentachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Pentachlorophenol and its salts and esters | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Technical endosulfan and its related isomers | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Toxaphene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.1.2 Import

**[Placeholder for narrative]**

Table 20. Information on POPs pesticides imports, in accordance with paragraph 2 (a) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Status** | **Year** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Remarks** |
| Aldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Alpha hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Beta hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Chlordane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Chlordecone | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Dicofol | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Dieldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Endrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Heptachlor | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Hexachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Lindane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Mirex | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Pentachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Pentachlorophenol and its salts and esters | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Technical endosulfan and its related isomers | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Toxaphene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

Table 21. Information on POPs pesticides containing waste imported for environmental sound disposal

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemical** | **Status** | **Year** | **Country of origin** | **Total annual import (tonnes/year)** | **Remarks** |
| Aldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Alpha hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Beta hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Chlordane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Chlordecone | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Dicofol | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Dieldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Endrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Heptachlor | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Hexachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Lindane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Mirex | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Pentachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Pentachlorophenol and its salts and esters | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Technical endosulfan and its related isomers | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Toxaphene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.1.3 Export

**[Placeholder for narrative]**

Table 22. Information on POPs pesticides exports, in accordance with paragraph 2 (b) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Status** | **Year** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Remarks** |
| Aldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Alpha hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Beta hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Chlordane | [] Yes  [] No  [] Information not available |  |  |  |  |  |
| Chlordecone | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Dicofol | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Dieldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Endrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Heptachlor | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Hexachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Lindane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Mirex | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Pentachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Pentachlorophenol and its salts and esters | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Technical endosulfan and its related isomers | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Toxaphene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
| Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

Table 23. Information on POPs pesticides containing waste exported for environmental sound disposal

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemical** | **Status** | **Year** | **Destination country** | **Total annual export (tonnes/year)** | **Remarks** |
| Aldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Alpha hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Beta hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Chlordane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Chlordecone | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Dicofol | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Dieldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Endrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Heptachlor | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Hexachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Lindane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Mirex | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Pentachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Pentachlorophenol and its salts and esters | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Technical endosulfan and its related isomers | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Toxaphene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.1.4 Use

**[Placeholder for narrative]**

Table 24. Information on POPs pesticides use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemical** | **Status** | **Year** | **Purpose** | **Total annual use (kg/year)** | **Remarks** |
| Aldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Alpha hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Beta hexachlorocyclohexane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Chlordane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Chlordecone | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Dicofol | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Dieldrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Endrin | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Heptachlor | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Hexachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Lindane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Mirex | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Pentachlorobenzene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Pentachlorophenol and its salts and esters | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Technical endosulfan and its related isomers | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Toxaphene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| DDT (1,1,1-trichloro-2, 2-bis (4-chlorophenyl) ethane) | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.1.5 Alternatives to POPs pesticides

**[Placeholder for narrative]**

Table 25. Status of using alternatives

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status of alternatives use** | **Year of introducing the alternative** | **Type of alternative** | **Purpose** | **Total annual use (kg/year)** | **Risk assessment against POPs criteria listed in Annex D** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

### 4.2.2 Assessment of polychlorinated biphenyls (PCBs) (Annex A, Part II)

**[Placeholder for narrative]**

#### 4.2.2.1 Production

**[Placeholder for narrative]**

Table 26. Information on production of PCBs in the country, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemicals** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
| Polychlorinated biphenyls (PCB) |  |  |  |  |  |

#### 4.2.2.2 Import for destruction

**[Placeholder for narrative]**

Table 27. Information on imports for destruction of the PCBs contained in equipment, liquids, or other wastes containing greater than 0.005% (50 ppm), in accordance with paragraph 2 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **PCBs contained in:** | **Year** | **Quantity (Metric Tons):** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.2.3 Export for destruction

**[Placeholder for narrative]**

Table 28. Information on exports for destruction of the PCBs contained in equipment, liquids, or other wastes containing greater than 0.005% (50 ppm), in accordance with paragraph 2 (b) (i) of Article 3 of the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **PCBs contained in:** | **Year** | **Quantity (Metric Tons):** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.2.4 Use

**[Placeholder for narrative]**

Table 29. Status on developing the inventory of PCB in equipment (e.g. transformers, capacitors or other receptacles containing liquid stocks), articles, oils and waste, in accordance with paragraphs (a) (i), (ii) and (ii) of Part II of Annex A

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on developing the inventory of PCB in equipment (e.g. transformers, capacitors or other receptacles containing liquid stocks), articles, oils and waste** | **Type of inventory** | **Main problem sources** | **Remarks** |
| [] Yes [] Currently being developed. [] No | [] Complete inventory. [] Preliminary inventory. | [] Lack of institutional or policy framework. [] Lack of financial resources. [] Lack of human resources. [] Lack of technical capacity. [] Other : |  |

Table 30. Inventory of PCB containing equipment, in accordance with paragraphs (a) (i), (ii) and (ii) of Part II of Annex A

|  |  |  |
| --- | --- | --- |
| **Application** | **PCB in equipment (transformers, capacitors, other receptables)** | **Remarks** |
| PCB in use or unspecified (c) | |  |  |  | | --- | --- | --- | | Total mass of equipment (Casing + liquid) (kg) (a) | Liquid (Liquid not contained in casing) (kg) (b) | Total (kg) (a+b) | |  |  |  | |  |
| PCB in storage or out of use (d) | |  |  |  | | --- | --- | --- | | Total mass of equipment (Casing + liquid) (kg) (a) | Liquid (Liquid not contained in casing) (kg) (b) | Total (kg) (a+b) | |  |  |  | |  |
| Total (active inventory) (c)+(d) | |  |  |  | | --- | --- | --- | | Total mass of equipment (Casing + liquid) (kg) (a) | Liquid (Liquid not contained in casing) (kg) (b) | Total (kg) (a+b) | |  |  |  | |  |

### 4.2.3 Assessment of polybrominated diphenyls ethers (POP-PBDEs) (Annex A, Part IV and Part V), HBB (Annex A, Part I) and HBCD (Annex A, Part I and Part VII)

**[Placeholder for narrative]**

#### 4.2.3.1 POP-PBDEs

##### 4.2.3.1.1 Production

**[Placeholder for narrative]**

Table 31. Information on production of POP-PBDEs, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemicals** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
| Hexabromodiphenyl ether and heptabromodiphenyl ether | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Tetrabromodiphenyl ether and pentabromodiphenyl ether | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
| Decabromodiphenyl ether | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

##### 4.2.3.1.2 Import

**[Placeholder for narrative]**

Table 32. Information on POP-PBDEs imports, in accordance with paragraph 2 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |
|  |  |  |  |  |  |

Table 33. Information on total estimated POP-PBDEs in articles/products imported

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing POP-PBDEs** | **Country of origin** | **Total annual import of article/product containing POP-PBDEs (tonnes/year)** | **Total estimated of POP-PBDEs content in the imported articles/products (tonnes/year)** | **Total polymeric fraction containing POP-PBDEs in imported articles/**  **products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |  |

Table 34. Information on POP-PBDE containing waste imported (WEEE and ELVs) for environmental sound disposal

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical type in waste** | **Country of origin** | **Total annual import (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

##### 4.2.3.1.3 Export

**[Placeholder for narrative]**

Table 35. Information on POP-PBDEs exports, in accordance with paragraph 2 (b) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 36. Information on total estimated POP-PBDE in articles/products exported

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/**  **product containing POP-PBDEs** | **Destination country** | **Total annual export of article/product containing POP-PBDEs (tonnes/year)** | **Total estimated of POP-PBDEs content in the exported articles/products (tonnes/year)** | **Total polymeric fraction containing POP-PBDEs in exported articles/**  **products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Table 37. Information on POP-PBDE containing waste exported (WEEE and ELVs) for environmental sound disposal

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical type in waste** | **Destination country** | **Total annual export (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

##### 4.2.3.1.4 Use

**[Placeholder for narrative]**

A Electric and electronic equipment (EEE)

Table 38. Information on total estimated POP-PBDEs content in the EEE articles/products in use

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing POP-PBDEs** | **Total quantity of articles/products containing POP-PBDEs in use (tonnes/year)** | **Total estimated polymeric fraction containing POP-PBDEs in the articles/products in use (tonnes/year)** | **Total estimated POP-PBDEs content in the articles/products in use (tonnes/year)** | **Main problem sources** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  | [] Lack of legal, institutional or policy framework  [] Lack of financial resources  [] Lack of human resources  Lack of technical capacity  [] Other |  |
|  |  |  |  |  |  |

B Transport sector

Table 39. Information on total estimated POP-PBDEs content in the transport sector articles/products in use

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing POP-PBDEs** | **Total quantity of articles/products containing POP-PBDEs in use (tonnes/year)** | **Total estimated polymeric fraction containing POP-PBDEs in the articles/products in use (tonnes/year)** | **Total estimated PUR foam containing POP-PBDEs in articles/products in use (tonnes/year)** | **Total estimated POP-PBDEs content in the articles/products in use (tonnes/year)** | **Main problem sources** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  | [] Lack of legal, institutional or policy framework  [] Lack of financial resources  [] Lack of human resources  Lack of technical capacity  [] Other |  |
|  |  |  |  |  |  |  |

##### 4.2.3.1.5 Recycling

**[Placeholder for narrative]**

Table 40. Status of recycling articles that contain or may contain POP-PBDEs and actions or control measure taken to ensure that recycling is carried out in an environmentally sound manner

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status of recycling articles that contain or may contain brominated diphenyl ethers** | **Year** | **Description of actions or control measures taken to ensure that recycling is carried out in an environmentally sound manner** | **Type of articles that have been recycled** | **Main problem sources** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  | [] Lack of legal, institutional or policy framework  [] Lack of financial resources  [] Lack of human resources  [] Lack of technical capacity  [] Other |  |
| **Status of putting in place measures to separate articles containing POP-PBDEs before recycling** | **Year** | **Chemical** | **Description of the measure** | **Main problem sources** |  |
| [] Yes  [] Currently being developed  [] No  [] Not relevant  [] Not applicable |  | [] Hexabromodiphenyl ether and heptabromodiphenyl ether  [] Tetrabromodiphenyl ether and pentabromodiphenyl ether  [] Combined brominated diphenyl ethers |  | [] Lack of financial resources  [] Lack of technical capacity  [] Other |  |

Table 41. Status of using articles manufactured from recycled materials that contain or may contain POP-PBDEs

|  |  |  |  |
| --- | --- | --- | --- |
| **Status of using articles manufactured from recycled materials that contain or may contain POP-PBDEs** | **Year** | **Information available on the articles** | **Remarks** |
| [] Yes  [] No  [] Other |  |  |  |

Table 42. Status of taking steps to prevent the export of articles manufactured from recycled materials that contain levels or concentrations of POP-PBDEs exceeding those permitted for the sale, use, import or manufacture of those articles

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status of taking steps to prevent the export of articles manufactured from recycled materials that contain levels or concentrations of POP-PBDEs exceeding those permitted for the sale, use, import or manufacture of those articles** | **Chemical** | **Year** | **Description of the measures** | **Limitations** | **Remarks** |
| [] Yes  [] Currently being developed  [] No  [] Not relevant  [] Not applicable | [] Hexabromodiphenyl ether and heptabromodiphenyl ether  [] Tetrabromodiphenyl ether and pentabromodiphenyl ether  [] Combined brominated diphenyl ethers |  |  | [] Lack of financial resources  [] Lack of technical capacity  [] Lack of legal, institutional or policy framework  [] Other |  |

A Electric and electronic equipment (EEE)

Table 43. Information on total estimated POP-PBDEs content in the EEE articles/products recycled

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing POP-PBDEs recycled** | **Total quantity of articles/products containing POP-PBDEs recycled (tonnes/year)** | **Total estimated POP-PBDEs content in the articles/products recycled (tonnes/year)** | **Total estimated polymeric fraction containing POP-PBDEs in the recycled articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |
|  |  |  |  |  |  |

B Transport sector

Table 44. Information on total estimated POP-PBDEs content in the transport sector articles/products recycled

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing POP-PBDEs recycled** | **Total quantity of articles/products containing POP-PBDEs recycled (tonnes/year)** | **Total estimated POP-PBDEs content in the articles/products recycled (tonnes/year)** | **Total estimated polymeric fraction containing POP-PBDEs of recycled articles/products (tonnes/year)** | **Total estimated PUR foam containing POP-PBDEs in the recycled articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

#### 4.2.3.2 HBCD

**[Placeholder for narrative]**

##### 4.2.3.2.1 Production

**[Placeholder for narrative]**

Table 45. Information on production of HBCD, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemical** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
| Hexabromocyclododecane | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

##### 4.2.3.2.2 Import

**[Placeholder for narrative]**

Table 46. Information on HBCD imports, in accordance with paragraph 2 (a) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
|  |  |  |  |  |

Table 47. Information on total estimated HBCD content in articles/products imported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing HBCD** | **Country of origin** | **Total annual import of articles/products containing HBCD (tonnes/year)** | **Total estimated of HBCD content in the imported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |
|  |  |  |  |  |  |

Table 48. Information on HBCD containing waste imported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Country of origin** | **Total annual import (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

##### 4.2.3.2.3 Export

**[Placeholder for narrative]**

Table 49. Information on HBCD exports, in accordance with paragraph 2 (b) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
|  |  |  |  |  |

Table 50. Information on total estimated HBCD containing articles/products exported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing HBCD** | **Destination country** | **Total annual export of article/product containing HBCD (tonnes/year)** | **Total estimated of HBCD content in the exported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |
|  |  |  |  |  |  |

Table 51. Information on HBCD containing waste exported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Destination country** | **Total annual export (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

##### 4.2.3.2.4 Use

**[Placeholder for narrative]**

Table 52. Information on HBCD used

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Total annual use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

Table 53. Information on total estimated HBCD content in articles/products in use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing HBCD** | **Total quantity of articles/products containing HBCD in use (tonnes/year)** | **Total estimated HBCD content in the articles/products in use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
|  |  |  |  |  |

##### 4.2.3.2.5 Recycling

**[Placeholder for narrative]**

Table 54. Status of recycling articles that contain or may contain HBCD

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing HBCD recycled** | **Total quantity of articles/products containing HBCD recycled (tonnes/year)** | **Articles/products made from recycled HBCD containing materials** | **Content of HBCD in articles/products made from recycled materials (Mg/Kg)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

##### 4.2.3.2.6 Alternatives to HBCD

**[Placeholder for narrative]**

Table 55. Status of using alternatives to HBCD

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status of alternatives use** | **Year of introducing the alternative** | **Type of alternative** | **Purpose** | **Total annual use (tonnes/year)** | **Risk assessment against POPs criteria listed in Annex D** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

### 4.2.4 Assessment of hexachlorobutadiene (HCBD) (Annex A, Part I)

**[Placeholder for narrative]**

#### 4.2.4.1 Production

**[Placeholder for narrative]**

Table 56. Information on production of HCBD, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemicals** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
| Hexachlorobutadiene | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.4.2 Import

**[Placeholder for narrative]**

Table 57. Information on HCBD imports, in accordance with paragraph 2 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

Table 58. Information on total estimated HCBD containing articles/products imported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing HCBD** | **Country of origin** | **Total annual import of articles/products containing HCBD (tonnes/year)** | **Total estimated of HCBD content in the imported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |
|  |  |  |  |  |  |

Table 59. Information on HCBD containing waste imported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Country of origin** | **Total annual import (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.4.3 Export

**[Placeholder for narrative]**

Table 60. Information on HCBD exports, in accordance with paragraph 2 (b) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |
|  |  |  |  |  |

Table 61. Information on total estimated HCBD containing articles/products exported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing HCBD** | **Destination country** | **Total annual export of article/product containing HCBD (tonnes/year)** | **Total estimated of HCBD content in the exported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 62. Information on HCBD containing waste exported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Destination country** | **Total annual export (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.4.4 Use

**[Placeholder for narrative]**

Table 63. Information on HCBD use

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Total annual use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

Table 64. Information on total estimated HCBD content in articles/products in use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing HCBD** | **Total quantity of articles/products containing HCBD in use (tonnes/year)** | **Total estimated HCBD content in the articles/products in use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

### 4.2.5 Assessment of polychlorinated naphthalenes (PCNs) (Annex A, Part I)

**[Placeholder for narrative]**

#### 4.2.5.1 Production

**[Placeholder for narrative]**

Table 65. Information on production of PCNs, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemicals** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
|  | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.5.2 Import

**[Placeholder for narrative]**

Table 66. Information on PCNs imports, in accordance with paragraph 2 (a) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 67. Information on total estimated PCN containing articles/products imported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PCN** | **Country of origin** | **Total annual import of articles/products containing PCN (tonnes/year)** | **Total estimated of PCN content in the imported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 68. Information on PCNs containing waste imported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Country of origin** | **Total annual import (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.5.3 Export

**[Placeholder for narrative]**

Table 69. Information on PCNs exports, in accordance with paragraph 2 (b) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 70. Information on total estimated PCN containing articles/products exported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PCN** | **Destination country** | **Total annual export of article/product containing PCN (tonnes/year)** | **Total estimated of PCN content in the exported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 71. Information on PCNs containing waste exported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Destination country** | **Total annual export (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.5.4 Use

**[Placeholder for narrative]**

Table 72. Information on PCNs use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Total annual use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

Table 73. Information on total estimated PCN content in articles/products in use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PCN** | **Total quantity of articles/products containing PCN in use (tonnes/year)** | **Total estimated PCN content in the articles/products in use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

#### 4.2.5.5 Alternatives to PCNs

Table 74. Status of using alternatives to PCNs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status of alternatives use** | **Year of introducing the alternative** | **Type of alternative** | **Purpose** | **Total annual use (kg/year)** | **Risk assessment against POPs criteria listed in Annex D** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

### 4.2.6 Assessment of short-chained chlorinated paraffins (SCCP) (Annex A, Part I)

**[Placeholder for narrative]**

#### 4.2.6.1 Production

[Placeholder for narrative]

Table 75. Information on production of SCCPs, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemicals** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
|  | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.6.2 Import

**[Placeholder for narrative]**

Table 76. Information on SCCPs imports, in accordance with paragraph 2 (a) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 77. Information on total estimated SCCPs containing articles/products imported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing SCCPs** | **Country of origin** | **Total annual import of articles/products containing SCCPs (tonnes/year)** | **Total estimated of SCCPs content in the imported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 78. Information on SCCPs containing waste imported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Country of origin** | **Total annual import (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.6.3 Export

**[Placeholder for narrative]**

Table 79. Information on SCCPs exports, in accordance with paragraph 2 (b) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |
|  |  |  |  |  |  |

Table 80. Information on total estimated SCCP containing articles/products exported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing SCCP** | **Destination country** | **Total annual export of article/product containing SCCP (tonnes/year)** | **Total estimated of SCCP content in the exported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |
|  |  |  |  |  |  |

Table 81. Information on SCCPs containing waste exported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Destination country** | **Total annual export (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.6.4 Use

**[Placeholder for narrative]**

Table 82. Information on SCCPs use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Total annual use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

Table 83. Information on total estimated SCCP content in articles/products in use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing SCCP** | **Total quantity of articles/products containing SCCP in use (tonnes/year)** | **Total estimated SCCP content in the articles/products in use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

#### 4.2.6.5 Alternatives to SCCPs

Table 84. Status of using alternatives to SCCPs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status of alternatives use** | **Year of introducing the alternative** | **Type of alternative** | **Purpose** | **Total annual use (kg/year)** | **Risk assessment against POPs criteria listed in Annex D** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

### 4.2.7 Assessment of perfluorooctanoic acid (PFOA), its salts and PFOA-related compounds (Annex A, Part I and Part X)

**[Placeholder for narrative]**

#### 4.2.7.1 Production

**[Placeholder for narrative]**

Table 85. Information on production of PFOA, its salts and PFOA-related compounds, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemicals** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
|  | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.7.2 Import

**[Placeholder for narrative]**

Table 86. Information on PFOA, its salts and PFOA-related compounds imports, in accordance with paragraph 2 (a) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 87. Information on total estimated PFOA, its salts and PFOA-related compounds containing articles/products imported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PFOA, its salts and PFOA-related compounds** | **Country of origin** | **Total annual import of articles/products containing PFOA, its salts and PFOA-related compounds (tonnes/year)** | **Total estimated of PFOA, its salts and PFOA-related compounds content in the imported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 88. Information on PFOA, its salts and PFOA-related compounds containing waste imported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Country of origin** | **Total annual import (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.7.3 Export

**[Placeholder for narrative]**

Table 89. Information on PFOA, its salts and PFOA-related compounds exports, in accordance with paragraph 2 (b) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 90. Information on total estimated PFOA, its salts and PFOA-related compounds containing articles/products exported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PFOA, its salts and PFOA-related compounds** | **Destination country** | **Total annual export of article/product containing PFOA, its salts and PFOA-related compounds (tonnes/year)** | **Total estimated of PFOA, its salts and PFOA-related compounds content in the exported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 91. PFOA, its salts and PFOA-related compounds containing waste exported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Destination country** | **Total annual export (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.7.4 Use

**[Placeholder for narrative]**

Table 92. Information on PFOA, its salts and PFOA-related compounds use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Total annual use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

Table 93. Information on total estimated PFOA, its salts and PFOA-related compounds content in articles/products in use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PFOA, its salts and PFOA-related compounds** | **Total quantity of articles/products containing PFOA, its salts and PFOA-related compounds in use (tonnes/year)** | **Total estimated PFOA, its salts and PFOA-related compounds content in the articles/products in use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

#### 4.2.7.5 Alternatives to PFOA, its salts and PFOA-related compounds

Table 94. Status of using alternatives to PFOA, its salts and PFOA-related compounds

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status of alternatives use** | **Year of introducing the alternative** | **Type of alternative** | **Purpose** | **Total annual use (kg/year)** | **Risk assessment against POPs criteria listed in Annex D** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

### 4.2.8 Assessment with respect to DDT (Annex B, Part II)

**[Placeholder for narrative]**

#### 4.2.8.1 Production

**[Placeholder for narrative]**

Table 95. Information on production of DDT, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemicals** | **Status** | **Year in which the production started** | **Year in which the production ended** | **Estimated total production [kg]** | **Remarks** |
| DDT | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

Table 96. Information on production of DDT per facility

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Production facility and location** | **Total production capacity (kg)** | **Net output per year** | **Formulation (type and % of active ingredient)** | **% of in-country use** | **Remarks** |
|  |  |  |  |  |  |  |

Table 97. Status of reformulating/repackaging DDT in the country

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status of reformulating/repackaging DDT in the country** | **Origin of active ingredient & repackaging/reformulation facility** | **Formulation (type & % active ingredient)** | **Quantity per year (kg)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.8.2 Import

**[Placeholder for narrative]**

Table 98. Information on DDT imports, in accordance with paragraph 2 (a) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Name of manufacturer** | **Formulation (type and % of active ingredient)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |  |

#### 4.2.8.3 Export

**[Placeholder for narrative]**

Table 99. Information on DDT exports, in accordance with paragraph 2 (b) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Facility** | **Formulation (type and % of active ingredient)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |  |

#### 4.2.8.4 Use

**[Placeholder for narrative]**

##### 4.2.8.4.1 Use in agriculture

**[Placeholder for narrative]**

Table 100. Information on DDT use in agriculture

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Purpose** | **Total annual use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

##### 4.2.8.4.2 Use for disease vector control

**[Placeholder for narrative]**

Table 101. Information on DDT use for disease vector control

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status of use for disease vector control** | **Planning to introduce the use of DDT in the future** | **Status of use for other purpose besides disease vector control** | **Formulation type** | **% of active ingredient** | **Amount (kg)/year** | **Non-government agencies (e.g. private agencies, NGOs) involved in using DDT for disease vector control purposes** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Information not available | [] Yes  [] No  [] Information not available |  |  |  | [] Yes  [] No  [] Information not available |  |

Table 102. Information on disease, main vector species targeted and percent of population at risk covered by DDT

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Disease** | **Main vector species targeted** | **% total national population at risk that is covered by DDT use per year** | **Remarks** |
|  |  |  |  |

Table 103. Status of training facilities and training conducted on insecticide use for disease vector control, and entomology laboratories used for vector resistance testing related to DDT use

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Existence of training facilities on insecticide use for disease vector control** | **Training being conducted on insecticide use for vector control** | **Existence of formal mechanisms for inter-sectoral collaboration for disease vector control and collaboration being implemented** | **Entomology laboratory used for vector resistance testing** | **Entomology laboratory recognized internationally** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |

#### 4.2.8.5 Alternatives to DDT

Table 104. Status of research into the development or testing of locally appropriate alternative interventions to DDT and type of research/testing

|  |  |  |
| --- | --- | --- |
| **Status of research into the development or testing of locally appropriate alternative interventions to DDT** | **Type of research/testing** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Microbial insecticides  [] Residual chemical insecticide(s)  [] Chemical larvicides  [] Larvivorous fish  [] Other |  |

Table 105. Information on DDT alternatives currently used

[] Not relevant

[] Not applicable

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Alternative control interventions** | **Disease targeted** | **Product formulation, % active ingredient, quantity per year** | **Source (country) (import/local)** | **Resistance management strategy implemented** | **Remarks** |
| Microbial larvicides & biological control |  |  |  | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |
| Indoor residual spraying with insecticides other than DDT |  |  |  |  |
| Insecticide-treated nets |  |  |  |  |
| Others |  |  |  |  |

Table 106. Information on DDT alternatives used but no longer in use

[] Not relevant

[] Not applicable

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Alternative control interventions** | **Disease targeted** | **Year of last use** | **Quantity** | **Reason why the use was stopped (import/local)** |
| Microbial larvicides & biological control |  |  |  |  |
| Chemical larvicides |  |  |  |  |
| Indoor residual spraying with insecticides other than DDT |  |  |  |  |
| Insecticide-treated nets |  |  |  |  |
| Environmental management |  |  |  |  |

### 4.2.9 Assessment of perfluorooctane sulfonic acid (PFOS), its salts and perfluorooctane sulfonyl fluoride (PFOSF) (Annex B, Part III)

**[Placeholder for narrative]**

#### 4.2.9.1 Production

**[Placeholder for narrative]**

##### 4.2.9.1.1 Acceptable purposes

**[Placeholder for narrative]**

Table 107. Information on production of PFOS, its salts and PFOSF for the acceptable purposes listed in Annex B of the Convention, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Acceptable purposes** | **Year of production** | **Estimated total production (kg)** | **Remarks** |
|  |  |  |  |

##### 4.2.9.1.2 Specific exemptions

**[Placeholder for narrative]**

Table 108. Information on production of PFOS, its salts and PFOSF for the specific exemptions listed in Annex B of the Convention, in accordance with paragraph 1 (a) (i) of Article 3 of the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Specific exemptions** | **Year of production** | **Estimated total production (kg)** | **Remarks** |
|  |  |  |  |

#### 4.2.9.2 Import

**[Placeholder for narrative]**

Table 109. Information on PFOS, its salts and PFOSF imports, in accordance with paragraph 2 (a) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Country of origin** | **Total annual import (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 110. Information on total estimated PFOS, its salts and PFOSF containing articles/products imported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PFOS, its salts and PFOSF** | **Country of origin** | **Total annual import of articles/products containing PFOS, its salts and PFOSF (tonnes/year)** | **Total estimated of PFOS, its salts and PFOSF content in the imported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 111. Information on PFOS, its salts and PFOSF containing waste imported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Destination country** | **Total annual import (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.9.3 Export

**[Placeholder for narrative]**

Table 112. Information on PFOS, its salts and PFOSF exports, in accordance with paragraph 2 (b) (i) and (ii) of Article 3 of the Convention

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Chemical** | **Purpose** | **Destination country** | **Total annual export (kg/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 113. Information on total estimated PFOS, its salts and PFOSF containing articles/products exported

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PFOS, its salts and PFOSF** | **Country of origin** | **Total annual export of articles/products containing PFOS, its salts and PFOSF (tonnes/year)** | **Total estimated of PFOS, its salts and PFOSF content in the exported articles/products (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 114. Information on PFOS, its salts and PFOSF containing waste exported for environmental sound disposal

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status** | **Year** | **Destination country** | **Total annual export (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

#### 4.2.9.4 Use

**[Placeholder for narrative]**

##### 4.2.9.4.1 Acceptable purposes

**[Placeholder for narrative]**

Table 115. Information on use of PFOS, its salts and PFOSF for the acceptable purposes listed in Annex B of the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Acceptable purposes** | **Year** | **Estimated total use (kg)** | **Remarks** |
|  |  |  |  |

Table 116. Information on total estimated PFOS, its salts and PFOSF content in articles/products in use for acceptable purposes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PFOS, its salts and PFOSF** | **Total quantity of articles/products containing PFOS, its salts and PFOSF in use (tonnes/year)** | **Total estimated PFOS, its salts and PFOSF content in the articles/products in use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

##### 4.2.9.4.2 Specific exemptions

**[Placeholder for narrative]**

Table 117. Information on use of PFOS, its salts and PFOSF for the specific exemptions listed in Annex B of the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Specific exemptions** | **Year** | **Estimated total use (kg)** | **Remarks** |
|  |  |  |  |

Table 118. Information on total estimated PFOS, its salts and PFOSF content in articles/products in use for specific exemptions

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status** | **Year** | **Type of article/product containing PFOS, its salts and PFOSF** | **Total quantity of articles/products containing PFOS, its salts and PFOSF in use (tonnes/year)** | **Total estimated PFOS, its salts and PFOSF content in the articles/products in use (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

#### **4.2.9.5 Alternatives to PFOS, its salts and PFOSF**

Table 119. Information on progress in building the capacity of countries to transfer safely to reliance on alternatives and research/development of safe alternatives

[] Not relevant

[] Not applicable

|  |  |  |
| --- | --- | --- |
| **Measure to support to safely transfer to reliance on alternatives** | **Information on the progress** | **Remarks** |
| 1. Building the capacity to transfer safely to reliance on alternatives |  |  |
| 2. Research/development of safe alternatives |  |  |

Table 120. Information on alternatives to PFOS, its salts, PFOSF and their related chemicals, in accordance with paragraph 4 (a) of Part III of Annex B

[] Not relevant

[] Not applicable

|  |  |  |
| --- | --- | --- |
| **Use** | **Description of the alternative substances or methods** | **Remarks** |
| Photo-imaging |  |  |
| Photo-resist and anti-reflective coatings for semi-conductors. |  |  |
| Etching agent for compound semiconductors and ceramic filters. |  |  |
| Aviation hydraulic fluids. |  |  |
| Metal plating (hard metal plating) only in closed-loop systems. |  |  |
| Certain medical devices (such as ethylene tetrafl uoroethylene copolymer (ETFE) layers and radio-opaque ETFE production, in-vitro diagnostic medical devices, and CCD colour filters). |  |  |
| Fire-fighting foam. |  |  |
| Insect baits for control of leaf-cutting ants from Atta spp. and Acromyrmex spp. |  |  |
| Photo masks in the semiconductor and liquid crystal display (LCD) industries. |  |  |
| Metal plating (decorative plating). |  |  |
| Electric and electronic parts for some colour printers and colour copy machines. |  |  |
| Insecticides for control of red imported fi re ants and termites. |  |  |
| Chemically driven oil production. |  |  |
| Carpets |  |  |
| Leather and apparel. |  |  |
| Textiles and upholstery. |  |  |
| Paper and packaging. |  |  |
| Coatings and coating additive |  |  |
| Rubber and plastics. |  |  |
| Other uses. |  |  |

### **4.2.10 Assessment of releases of unintentional produced chemicals (Annex C**)

**[Placeholder for narrative]**

Table 121. Status of developing source inventories and release estimates of the chemicals listed in Annex C, in accordance with paragraph (a) (i) of Article 5 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Main problem sources** | **Remarks** |
| developing source inventories and release estimates of the chemicals listed in Annex C to the Convention taking into consideration the source categories identified in Annex | [] Yes [] No | [] Lack of financial resources. [] Limited human resources. [] Insufficient technical capacity. [] Insufficient information. [] Other: |  |

#### 4.2.10.1 PCDD/PCDF

**[Placeholder for narrative]**

Table 122. Status of developing an inventory of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF), in accordance with paragraph (a) (i) of Article 5 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | **Reference year** | **Information source** | **Other published sources** | **Remarks** |
| developing an inventory of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/PCDF) | [] Yes [] No |  |  |  |  |

Table 123. Information on PCDD/PCDF release estimates

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source group** | **Inventory** | | | | | | | **Remarks** |
| 1 - Waste Incineration | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 2 - Ferrous and Non-Ferrous Metal Production | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 3 - Heat and Power Generation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 4 - Production of mineral products | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 5 - Transportation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 6 - Open Burning Processes | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 7 - Production of Chemicals and Consumer Goods | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 8 - Disposal | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 9 - Miscellaneous | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 10 - Identification of Potential Hot-Spots | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |

\*NR = Not relevant

#### 4.2.10.2 PCBs

**[Placeholder for narrative]**

Table 124. Status of developing an inventory of polychlorinated biphenyls (PCB), in accordance with paragraph (a) (i) of Article 5 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | **Reference year** | **Information source** | **Other published sources** | **Remarks** |
| developing an inventory of polychlorinated biphenyls (PCBs) (kg/year) | [] Yes [] No |  |  |  |  |

Table 125. Information on PCBs release estimates

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source group** | **Inventory** | | | | | | | **Remarks** |
| 1 - Waste Incineration | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 2 - Ferrous and Non-Ferrous Metal Production | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 3 - Heat and Power Generation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 4 - Production of mineral products | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 5 - Transportation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 6 - Open Burning Processes | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 7 - Production of Chemicals and Consumer Goods | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 8 - Disposal | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 9 - Miscellaneous | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 10 - Identification of Potential Hot-Spots | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |

\*NR = Not relevant

#### 4.2.10.3 PeCB

**[Placeholder for narrative]**

Table 126. Status of developing an inventory of pentachlorobenzene (PeCB), in accordance with paragraph (a) (i) of Article 5 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | **Reference year** | **Information source** | **Other published sources** | **Remarks** |
| developing an inventory of pentachlorobenzene (PeCB) (kg/year) | [] Yes [] No |  |  |  |  |

Table 127. Information on PeCB release estimates

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source group** | **Inventory** | | | | | | | **Remarks** |
| 1 - Waste Incineration | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 2 - Ferrous and Non-Ferrous Metal Production | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 3 - Heat and Power Generation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 4 - Production of mineral products | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 5 - Transportation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 6 - Open Burning Processes | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 7 - Production of Chemicals and Consumer Goods | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 8 - Disposal | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 9 - Miscellaneous | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 10 - Identification of Potential Hot-Spots | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |

\*NR = Not relevant

#### 4.2.10.4 HCB

**[Placeholder for narrative]**

Table 128. Status of developing an inventory of hexachlorobenzene (HCB), in accordance with paragraph (a) (i) of Article 5 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | **Reference year** | **Information source** | **Other published sources** | **Remarks** |
| developing an inventory of hexachlorobenzene (HCB) (kg/year) | [] Yes [] No |  |  |  |  |

Table 129. Information on HCB release estimates

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source group** | **Inventory** | | | | | | | **Remarks** |
| 1 - Waste Incineration | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 2 - Ferrous and Non-Ferrous Metal Production | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 3 - Heat and Power Generation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 4 - Production of mineral products | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 5 - Transportation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 6 - Open Burning Processes | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 7 - Production of Chemicals and Consumer Goods | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 8 - Disposal | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 9 - Miscellaneous | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 10 - Identification of Potential Hot-Spots | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |

\*NR = Not relevant

#### 4.2.10.5 PCN

**[Placeholder for narrative]**

Table 130. Status of developing an inventory of polychlorinated naphthalenes (PCN), in accordance with paragraph (a) (i) of Article 5 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | **Reference year** | **Information source** | **Other published sources** | **Remarks** |
| developing an inventory of polychlorinated naphthalenes (PCN) (kg/year) | [] Yes [] No |  |  |  |  |

Table 131. Information on PCNs release estimates

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source group** | **Inventory** | | | | | | | **Remarks** |
| 1 - Waste Incineration | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 2 - Ferrous and Non-Ferrous Metal Production | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 3 - Heat and Power Generation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 4 - Production of mineral products | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 5 - Transportation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 6 - Open Burning Processes | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 7 - Production of Chemicals and Consumer Goods | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 8 - Disposal | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 9 - Miscellaneous | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 10 - Identification of Potential Hot-Spots | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |

\*NR = Not relevant

#### 4.2.10.5 HCBD

**[Placeholder for narrative]**

Table 132. Status of developing an inventory of hexachlorobutadiene (HCBD), in accordance with paragraph (a) (i) of Article 5 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | **Reference year** | **Information source** | **Other published sources** | **Remarks** |
| developing an inventory of Hexachlorobutadiene (HCBD) (kg/year) | [] Yes [] No |  |  |  |  |

Table 133. Information on HCBD release estimates

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source group** | **Inventory** | | | | | | | **Remarks** |
| 1 - Waste Incineration | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 2 - Ferrous and Non-Ferrous Metal Production | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 3 - Heat and Power Generation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 4 - Production of mineral products | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 5 - Transportation | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 6 - Open Burning Processes | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 7 - Production of Chemicals and Consumer Goods | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 8 - Disposal | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 9 - Miscellaneous | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |
| 10 - Identification of Potential Hot-Spots | **Year** | **NR** | **Air** | **Water** | **Land** | **Product** | **Residue** |  |
| Inventory year |  | | | | | |  |
| Annual  Releases (g TEQ/a) |  |  |  |  |  |  |  |

\*NR = Not relevant

### 4.2.11 Information on the state of knowledge on stockpiles, contaminated sites and wastes, identification, likely numbers, relevant regulations, guidance, remediation measures, and data on releases from sites

**[Placeholder for narrative]**

#### 4.2.11.1 Stockpiles

**[Placeholder for narrative]**

Table 134. Status of the identification and quantification of 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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | ***Pesticides listed in annexes A or B:*** | | ***Industrial chemicals listed in annexes A or B:*** | | **Remarks** |
| **Type** | **Year** | **Type** | **Year** |  |
| identified stockpiles consisting of, or containing, chemicals listed in Annex A or Annex B to the Convention | [] Yes [] No  [] Information not available  [] Not relevant  [] Not applicable | [] |  | [] | [] |  |
| quantified the stockpiles consisting of, or containing, chemicals listed in Annex A or Annex B to the Convention | [] Yes [] No  [] Information not available  [] Not relevant  [] Not applicable | [] |  | [] | [] |  |

##### 4.2.11.1.1 POPs pesticides

**[Placeholder for narrative]**

Table 135. Status of POPs pesticides stockpiles

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Pesticide** | **Total amount stockpiled (tonnes)** | **State of the storage place (short description)** | **Location of the stockpile** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

##### 4.2.11.1.2 PCBs

**[Placeholder for narrative]**

Table 136. Status of PCB containing equipment stockpiled

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Pesticide** | **Total amount stockpiled (tonnes)** | **State of the storage place (short description)** | **Location of the stockpile** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

Table 137. Status of identifying articles and materials containing more than 0.005% (50 ppm) PCB contaminated through open applications, in accordance with para 1 of Article 6 and paragraph (f) of Part II of Annex A to the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Action** | **Status** | **Application** | **PCB in open applications** | **Remarks** |
| identifying articles and materials containing more than 0.005% (50 ppm) PCB contaminated through open applications | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | In use (e) | |  |  |  |  |  | | --- | --- | --- | --- | --- | | Cable Sheaths (kg) (a) | Cured caulk (kg) (b) | Painted objects (kg) (c) | Others (kg) (d) | Total (kg) (a)+(b)+(c)+(d) | |  |  |  |  |  | |  |
| In storage our out of use (f) | |  |  |  |  |  | | --- | --- | --- | --- | --- | | Cable Sheaths (kg) (a) | Cured caulk (kg) (b) | Painted objects (kg) (c) | Others (kg) (d) | Total (kg) (a)+(b)+(c)+(d) | |  |  |  |  |  | |  |
| Total (active inventory) (e)+(f) | |  |  |  |  |  | | --- | --- | --- | --- | --- | | Cable Sheaths (kg) (a) | Cured caulk (kg) (b) | Painted objects (kg) (c) | Others (kg) (d) | Total (kg) (a)+(b)+(c)+(d) | |  |  |  |  |  | |  |

##### 4.2.11.1.3 POP-PBDEs

**[Placeholder for narrative]**

Table 138. Information on total estimated POP-PBDEs content in the EEE articles/products stockpiled

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Type of article/product containing POP-PBDEs stockpiled** | **Total amount of articles/products containing POP-PBDEs stockpiled (tonnes)** | **Total estimated POP-PBDEs content in stockpiled articles/products (tonnes)** | **Total estimated polymeric fraction containing POP-PBDEs of stockpiled articles/products (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |

##### 4.2.11.1.4 HBCD

**[Placeholder for narrative]**

Table 139. Status of HBCD stockpiles

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Total amount of HBCD stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

Table 140. Information on total estimated HBCD content in articles/products stockpiled

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Type of article/product containing HBCD stockpiled** | **Total amount of articles/products containing HBCD stockpiled (tonnes)** | **Total estimated HBCD content in the articles/products stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

##### 4.2.11.1.5 HCBD

**[Placeholder for narrative]**

Table 141. Information on total estimated HCBD content in articles/products stockpiled

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Type of article/product containing HCBD stockpiled** | **Total amount of articles/products containing HCBD stockpiled (tonnes)** | **Total estimated HCBD content in the articles/products stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

##### 4.2.11.1.6 PCN

**[Placeholder for narrative]**

Table 142. Status of PCN stockpiles

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Total amount of PCN stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

Table 143. Information on total estimated PCN content in articles/products stockpiled

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Type of article/product containing PCN stockpiled** | **Total amount of articles/products containing PCN stockpiled (tonnes)** | **Total estimated PCN content in the articles/products stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

##### 4.2.11.1.7 SCCPs

**[Placeholder for narrative]**

Table 144. Status of SCCPs stockpiles

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Total amount of SCCPs stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

Table 145. Information on total estimated SCCPs content in articles/products stockpiled

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Type of article/product containing SCCPs stockpiled** | **Total amount of articles/products containing SCCPs stockpiled (tonnes)** | **Total estimated SCCPs content in the articles/products stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

##### 4.2.11.1.8 PFOA, its salts and PFOA-related compounds

**[Placeholder for narrative]**

Table 146. Status of PFOA, its salts and PFOA-related compounds stockpiles

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Total amount of PFOA, its salts and PFOA-related compounds stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

Table 147. Information on total estimated PFOA, its salts and PFOA-related compounds content in articles/products stockpiled

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Type of article/product containing PFOA, its salts and PFOA-related compounds stockpiled** | **Total amount of articles/products containing PFOA, its salts and PFOA-related compounds stockpiled (tonnes)** | **Total estimated PFOA, its salts and PFOA-related compounds content in the articles/products stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

##### 4.2.11.1.9 DDT

**[Placeholder for narrative]**

Table 148. Status of DDT stockpiles

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Location** | **Total amount in storage (kg)** | **Formulation type** | **% of active ingredient** | **Conditions of storage (e.g. storage capacity, access)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |  |  |

##### 4.2.11.1.10 PFOS, its salts and PFOSF

**[Placeholder for narrative]**

Table 149. Status of PFOS, its salts and PFOSF stockpiles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Total amount stockpiled (tonnes)** | **State of the storage place (short description)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

Table 150. Information on total estimated PFOS, its salts and PFOSF content in articles/products stockpiled

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Status on stockpiles existence** | **Year** | **Type of article/product containing PFOS, its salts and PFOSF stockpiled** | **Total amount of articles/products containing PFOS, its salts and PFOSF stockpiled (tonnes)** | **Total estimated PFOS, its salts and PFOSF content in the articles/products stockpiled (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  |

#### 4.2.11.2 Wastes

**[Placeholder for narrative]**

Table 151. Status of disposing 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

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Measure** | **Status** | **Main problem sources** | ***Pesticides listed in annexes A or B:*** | | ***Industrial chemicals listed in annexes A or B:*** | | | ***Unintentional chemicals listed in annex C*** | | | **Remarks** |
| **Type** | **Year** | **Type** | **Year** | **Total quantity of disposal (tonnes)** | **Type** | **Year** | **Total quantity of disposal (tonnes)** |  |
| disposing of wastes consisting of or containing chemicals listed in Annex A, B, or C to the Convention in an environmentally sound manner | [] Yes [] Currently being implemented. [] No [] Information not available.  [] Not relevant  [] Not applicable | [] Wastes consisting of or containing chemicals listed in Annex A, B, or C have not been identified. [] Lack of financial resources. [] Limited human resources. [] Insufficient technical capacity. [] Other | [] |  | [] | [] | [] | [] |  |  |  |

##### 4.2.11.2.1 POPs pesticides

**[Placeholder for narrative]**

Table 152. Status of POPs pesticides waste disposed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Chemical** | **Total disposed amount (tonnes)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

##### 4.2.11.2.2 PCBs

**[Placeholder for narrative]**

Table 153. Status of PCB containing waste disposed

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | **PCBs contained in:** | **Year** | **Quantity (Metric Tons)** | **Remarks** |
| 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 | [] Yes [] No  [] Not relevant  [] Not applicable | [] | [] | [] |  |
| destroyed abroad, 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 | [] Yes [] No  [] Not relevant  [] Not applicable |  |  |  |  |

Table 154. Information on proportion of waste containing greater than 0.005% (50 ppm) PCB identified managed in an environmentally sound manner

|  |  |  |  |
| --- | --- | --- | --- |
| **Proportion of waste containing greater than 0.005% (50 ppm) PCB identified managed in an environmentally sound manner** | **Year in which the environmentally sound management was completed** | **Approximate proportion** | **Remarks** |
| [] All (100%).  [] Partially  [] None  [] Information not available. | [] | Partially:  [] Most of the waste (greater than 50% and less than 100%)  [] Limited amount of waste (greater than 0% and less than or equal to 50%) |  |

##### 4.2.11.2.3 POP-PBDEs

**[Placeholder for narrative]**

Table 155. Status of POP-PBDEs containing waste disposed

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Status of taking measures to dispose of articles that contain or may contain POP-PBDEs in an environmentally sound manner** | **Description of measures** | **Year** | **Type of article/product containing POP-PBDEs disposed** | **Total amount of waste containing POP-PBDEs disposed (tonnes/year)** | **Total estimated POP-PBDEs content in wastes (tonnes)** | **Main problem sources** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |  | [] Lack of financial resources  [] Lack of technical capacity  [] Other |  |

Table 156. Status of disposing of articles manufactured from recycled materials that contain or may contain POP-PBDEs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status of disposing of articles manufactured from recycled materials that contain or may contain POP-PBDEs** | **Status of taking actions or control measures to ensure that disposal is carried out in an environmentally**  **sound manner** | **Description of the action control measures** | **Main problems** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Yes  [] Currently being implemented  [] No |  | [] Lack of legal, institutional or policy framework  [] Lack of financial resources  [] Lack of human resources  [] Lack of technical capacity  [] Other |  |

##### 4.2.11.2.4 HBCD

**[Placeholder for narrative]**

Table 157. Status of HBCD containing waste disposed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Type of article/product containing HBCD disposed** | **Total amount of waste containing HBCD disposed (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |
|  |  |  |  |

##### 4.2.11.2.5 HCBD

**[Placeholder for narrative]**

Table 158. Status of HCBD containing waste disposed

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Total amount of waste containing HCBD disposed (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

##### 4.2.11.2.6 PCN

**[Placeholder for narrative]**

Table 159. Status of PCN containing waste disposed

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Total amount of waste containing PCN disposed (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

##### 4.2.11.2.7 SCCPs

**[Placeholder for narrative]**

Table 160. Status of SCCP containing waste disposed

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Total amount of waste containing SCCP disposed (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

##### 4.2.11.2.8 PFOA, its salts and PFOA-related compounds

**[Placeholder for narrative]**

Table 161. Status of PFOA, its salts and PFOA-related compounds containing waste disposed

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Total amount of waste containing PFOA, its salts and PFOA-related compounds disposed (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

##### 4.2.11.2.9 DDT

**[Placeholder for narrative]**

Table 162. Status of DDT containing waste disposed

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Total amount of waste containing DDT disposed (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

##### 4.2.11.2.10 PFOS, its salts and PFOSF

**[Placeholder for narrative]**

Table 163. Status of PFOS, its salts and PFOSF containing waste disposed

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Type of article/product containing PFOS, its salts and PFOSF disposed** | **Total amount of waste containing PFOS, its salts and PFOSF disposed (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |  |

##### 4.2.11.2.11 Unintentional POPs

**[Placeholder for narrative]**

Table 164. Status of unintentional POPs containing waste disposed

|  |  |  |  |
| --- | --- | --- | --- |
| **Status on the waste disposal** | **Year** | **Total amount of waste containing unintentional POPs disposed (tonnes/year)** | **Remarks** |
| [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable |  |  |  |

#### 4.2.11.3 Contaminated sites

**[Placeholder for narrative]**

Table 165. Status of identifying sites contaminated by chemicals listed in Annex A, B or C, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | ***Pesticides listed in annexes A or B:*** | | ***Industrial chemicals listed in annexes A or B:*** | | ***Unintentional chemicals listed in annex C*** | | **Remarks** |
| **Type** | **Year** | **Type** | **Year** | **Type** | **Year** |  |
| identifying sites contaminated by chemicals listed in Annex A, B or C | [] Yes [] Currently being identified. [] No [] Information not available.  [] Not relevant  [] Not applicable | [] |  | [] | [] | [] |  |  |

Table 166. Status of taking 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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Action** | **Status** | **Phase** | **Main problem sources** | **Remarks** |
| taking steps to remediate the sites contaminated by chemicals listed in Annex A, B or C | [] Yes [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Remediation plan is currently being prepared. [] Remediation is in progress since: Year: [] Remediation has been completed in: Year: | [] Have not yet identified sites contaminated by chemicals listed in Annex A, B or C. [] Lack of institutional or policy framework. [] Lack of financial resources. [] Limited human resources. [] Insufficient technical capacity. [] Other : |  |

##### 4.2.11.3.1 POPs pesticides

**[Placeholder for narrative]**

Table 167. Status of identification and remediation of POPs pesticides contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by POPs pesticides | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by POPs pesticides | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.2 PCBs

**[Placeholder for narrative]**

Table 168. Status of identification and remediation of PCB contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by greater than 0.005% (50 ppm) PCB | [] Yes  [] No  [] Information not available  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by greater than 0.005% (50 ppm) PCB | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.3 POP-PBDEs

**[Placeholder for narrative]**

Table 169. Status of identification and remediation of POP-PBDE contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by POP-PBDE | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by POP-PBDEs | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.4 HBCD

**[Placeholder for narrative]**

Table 170. Status of identification and remediation of HBCD contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by HBCD | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by HBCD | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.5 HCBD

**[Placeholder for narrative]**

Table 171. Status of identification and remediation of HCBD contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by HCBD | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by HCBD | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.6 PCN

**[Placeholder for narrative]**

Table 172. Status of identification and remediation of PCN contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by PCN | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by PCN | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.7 SCCPs

**[Placeholder for narrative]**

Table 173. Status of identification and remediation of SCCP contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by SCCP | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by SCCP | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.8 PFOA, its salts and PFOA-related compounds

**[Placeholder for narrative]**

Table 174. Status of identification and remediation of PFOA, its salts and PFOA-related compounds contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by PFOA, its salts and PFOA-related compounds | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by PFOA, its salts and PFOA-related compounds | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.9 DDT

**[Placeholder for narrative]**

Table 175. Status of identification and remediation of DDT contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by DDT | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by DDT | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.10 PFOS, its salts and PFOSF

**[Placeholder for narrative]**

Table 176. Status of identification and remediation of PFOS, its salts and PFOSF contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by PFOS, its salt and PFOSF | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by PFOS, its salts and PFOSF | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

##### 4.2.11.3.11 Unintentional POPs

**[Placeholder for narrative]**

Table 177. Status of identification and remediation of unintentional POPs contaminated sites, in accordance with paragraph 1 (e) of Article 6 of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Years in which the contaminated sites were identified/remediated** | **Remarks** |
| identifying sites contaminated by uPOPs | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable | [] |  |
| remediating sites contaminated by uPOPs | [] Yes  [] No  [] Currently being developed  [] Not relevant  [] Not applicable |  |  |

### 4.2.12 Summary of future production, use, and releases of POPs – requirements for exemptions

**[Placeholder for narrative]**

Table 178. Status of notifying the Secretariat to register for specific exemptions listed in Annex A or Annex B or for acceptable purposes listed in Annex B, in accordance with paragraph 3 of Article 4 to the Convention

|  |  |  |
| --- | --- | --- |
| **Action** | **Status** | **Remarks** |
| notified the Secretariat to register for specific exemptions listed in Annex A or Annex B | [] Yes [] No [] In preparation for notification  [] Not relevant  [] Not applicable |  |
| notified the Secretariat to register for acceptable purposes listed in Annex B | [] Yes [] No [] In preparation for notification  [] Not relevant  [] Not applicable |  |

#### 4.2.12.1 POPs pesticides

**[Placeholder for narrative]**

Table 179. Status of registering for POPs pesticides specific exemptions, in accordance with paragraph 3 of Article 4 to the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Specific exemption** | **Activity (production/use)** | **Expiry date** | **Estimated quantity of production / use** | **Purpose(s) of production / use** | **Reason for exemption** | **Remarks** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

#### 4.2.12.2 POP-PBDEs

**[Placeholder for narrative]**

Table 180. Status of registering for POP-PBDEs specific exemptions, in accordance with paragraph 3 of Article 4 to the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Status of registering for a specific exemption** | **Year** | **Status of undertaking a review of the continuing need for registration for a specific exemption for hexabromodiphenyl ether and heptabromodiphenyl ether and/or tetrabromodiphenyl ether and pentabromodiphenyl ether** | **Main problem sources** | **Remarks** |
| [] Yes  [] No  [] Not relevant  [] Not applicable |  | (a) Specific exemption for hexabromodiphenyl ether and heptabromodiphenyl ether  [] Yes  [] No  (b) Specific exemption for tetrabromodiphenyl ether and pentabromodiphenyl ether  [] Yes  [] No | [] Not needed  [] Not assessed  [] Lack of financial resources  [] Lack of technical capacity  [] Assessed but lack of technical capacity  [] Assessed but lack of financial capacity  [] Assessed but lack of human resources  [] Other |  |

#### 4.2.12.3 HBCD

**[Placeholder for narrative]**

Table 181. Status of registering for HBCD specific exemptions, in accordance with paragraph 3 of Article 4 to the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Specific exemption** | **Activity (production/use)** | **Expiry date** | **Estimated quantity of production / use** | **Purpose(s) of production / use** | **Reason for exemption** | **Remarks** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

#### 4.2.12.4 PCN

**[Placeholder for narrative]**

Table 182. Status of registering for PCN specific exemptions, in accordance with paragraph 3 of Article 4 to the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Specific exemption** | **Activity (production/use)** | **Expiry date** | **Estimated quantity of production / use** | **Purpose(s) of production / use** | **Reason for exemption** | **Remarks** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

#### 4.2.12.5 SCCPs

**[Placeholder for narrative]**

Table 183. Status of registering for SCCPs specific exemptions, in accordance with paragraph 3 of Article 4 to the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Specific exemption** | **Activity (production/use)** | **Expiry date** | **Estimated quantity of production / use** | **Purpose(s) of production / use** | **Reason for exemption** | **Remarks** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

#### 4.2.12.6 PFOA, its salts and PFOA-related compounds

**[Placeholder for narrative]**

Table 184. Status of registering for PFOA, its salts and PFOA-related compounds specific exemptions, in accordance with paragraph 3 of Article 4 to the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Chemical** | **Specific exemption** | **Activity (production/use)** | **Expiry date** | **Estimated quantity of production / use** | **Purpose(s) of production / use** | **Reason for exemption** | **Remarks** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

#### 4.2.12.7 DDT

**[Placeholder for narrative]**

Table 185. Status of registering for DDT acceptable purpose, in accordance with paragraph 3 of Article 4 to the Convention

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Production  notification** | **Use  notification** | **Date of notification** | **Remarks** |
|  |  |  |  |
|  |  |  |  |

#### 4.2.12.8 PFOS, its salts and PFOSF

**[Placeholder for narrative]**

Table 186. Status of registering for any of the specific exemptions related to PFOS, its salts and PFOSF, in accordance with paragraph 3 of Article 4 to the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Specific exemption** | **Remarks** |
| registering for any of the specific exemptions related to PFOS listed in Annex B to the Convention | [] Yes [] No  [] Not relevant  [] Not applicable | [] |  |

Table 187. Status of registering for any of the acceptable purposes related to PFOS, its salts and PFOSF, in accordance with paragraph 3 of Article 4 to the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Acceptable purpose** | **Remarks** |
| registering for any of the acceptable purposes related to PFOS listed in Annex B | [] Yes [] No  [] Not relevant  [] Not applicable | [] |  |

Table 188. Status of reviewing the continued need for the specific exemption(s) and/or acceptable purpose(s) for PFOS, its salts and PFOSF, in accordance with paragraph 3 of Part III of Annex B of the Convention

|  |  |  |  |
| --- | --- | --- | --- |
| **Action** | **Status** | **Information on the review** | **Remarks** |
| reviewing the continued need for the specific exemption(s) and/or acceptable purpose(s) for PFOS, its salts and PFOSF | [] Yes [] No  [] Not relevant  [] Not applicable | [] |  |

### 4.2.13 Existing programmes for monitoring releases and environmental and human health impacts, including findings

**[Placeholder for narrative]**

Table 189. Status of undertaking 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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Action** | **Status** | **Type of action(s)** | **Year(s) in which**  **started the research,**  **development,**  **and monitoring and**  **cooperation pertaining to persistent organic pollutants** | **Subject for research and development/monitoring/cooperation** | **Main problem sources** | **Remarks** |
| undertaking any research, development, and monitoring and cooperation pertaining to persistent organic pollutants, and where relevant, to their alternatives and to candidate persistent organic pollutants | [] Yes [] No  [] Information not available  [] Not relevant  [] Not applicable | [] Research and development [] Monitoring [] Cooperation | **[]** | [] 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 : | [] Lack of institutional or policy framework. [] Lack of financial capacity. [] Lack of human resources. [] Lack of technical capacity. [] Other : |  |

#### 4.2.13.1 POPs pesticides

**[Placeholder for narrative]**

Table 190. Information on POPs pesticides monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.2 PCBs

**[Placeholder for narrative]**

Table 191. Information on PCB monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.3 POP-PBDEs

**[Placeholder for narrative]**

Table 192. Information on POP-PBDE monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.4 HBCD

**[Placeholder for narrative]**

Table 193. Information on HBCD monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.5 HCBD

**[Placeholder for narrative]**

Table 194. Information on HCBD monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.6 PCN

**[Placeholder for narrative]**

Table 195. Information on PCN monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.7 SCCPs

**[Placeholder for narrative]**

Table 196. Information on SCCPs monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.8 PFOA, its salts and PFOA-related compounds

**[Placeholder for narrative]**

Table 197. Information on PFOA, its salts and PFOA-related compounds monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.9 DDT

**[Placeholder for narrative]**

Table 198. Status of DDT resistance monitoring

|  |  |  |
| --- | --- | --- |
| **Existence of surveillance mechanism for monitoring DDT resistance** | **Description of bioassay test procedures used for detecting DDT resistance** | **Remarks** |
| [] Yes  [] No  [] Not applicable  [] Not relevant  [] Not applicable |  |  |

Table 199. Information on vector susceptibility to DDT according to the WHO susceptibility test

[] Not relevant

[] Not applicable

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Vector species** | **DDT concentration** | **Exposure time (mins.)** | **% mortality** | **Year last tested** | **Geographical areas concerned within country** | **Remarks** |
|  |  |  |  |  |  |  |

Table 200. Information on resistance observed for other insecticides used in disease vector control

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemicals** | **Resistance observed for other insecticides used in disease vector control** | **Description of vector** | **Remarks** |
| Pyrethroids | [] Yes  [] No  [] Not relevant  [] Not applicable |  |  |
| Organophosphates | [] Yes  [] No  [] Not relevant  [] Not applicable |  |  |
| Carbamates | [] Yes  [] No  [] Not relevant  [] Not applicable |  |  |
| Other | [] Yes  [] No  [] Not relevant  [] Not applicable |  |  |

#### 4.2.13.10 PFOS, its salts and PFOSF

**[Placeholder for narrative]**

Table 201. Information on PFOS, its salt and PFOSF monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

#### 4.2.13.11 Unintentional POPs

**[Placeholder for narrative]**

Table 202. Information on unintentional POPs monitoring findings/results

[] Not relevant

[] Not applicable

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical** | **Type of programme** | **Monitoring findings/results** | **Remarks** |
|  | [] Research and development [] Monitoring [] Cooperation |  |  |

### 4.2.14 Current level of information, awareness, and education among target groups; existing systems to communicate such information to the various groups

**[Placeholder for narrative]**

Table 203. Status of taking any measures to implement Article 10 of the Convention

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Action/measure** | **Status** | **Year** | **Type of measure** | **Main problem sources** | **Remarks** |
| taking any measures to implement Article 10 of the Convention | [] Yes [] No | [] | [] 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 : | [] Lack of institutional or policy framework. [] Lack of financial capacity. [] Limited human resources. [] Insufficient technical capacity. [] Other : |  |

### 4.2.15 Mechanism to report under Article 15 on measures taken to implement the provisions of the Convention and for information exchange with other Parties to the Convention

**[Placeholder for narrative]**

Table 204. Information on mechanism to report under Article 15 and submission status

|  |  |  |  |
| --- | --- | --- | --- |
| **Mechanism/arrangements in place to prepare and submit the report under Article 15** | **Submission status** | **Main problems encountered** | **Remarks** |
| [] Yes  [] No  [] Currently under development | [] 1st Report  [] 2nd Report  [] 3rd Report  [] 4th Report  [] 5th Report |  |  |

### 4.2.16 Relevant activities of non-governmental stakeholders

**[Placeholder for narrative]**

Table 205. Information on relevant activities of non-governmental stakeholders

|  |  |  |
| --- | --- | --- |
| **Non-governmental stakeholder** | **POPs related activities** | **Remarks** |
|  |  |  |

### 4.2.17 Overview of technical infrastructure for POPs assessment, measurement, analysis, alternatives and prevention measures, research and development – linkage to international programmes and projects

**[Placeholder for narrative]**

Table 206. Overview of technical infrastructure for POPs assessment, measurement, analysis, alternatives and prevention measures, research and development

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Overview of technical infrastructure for POPs assessment, measurement, analysis, alternatives and prevention measures, research and development** | **POPs assessment** | **POPs measurement** | **POPs analysis** | **POP alternatives** | **POPs prevention measures** | **POPs research and development** | **Main problems encountered** | **Remarks** |
| [] Yes  [] No  [] Currently under development  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Currently under development  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Currently under development  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Currently under development  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Currently under development  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Currently under development  [] Not relevant  [] Not applicable |  |  |

### 4.2.18 Overview of technical infrastructure for POPs management and destruction

**[Placeholder for narrative]**

Table 207. Overview of technical infrastructure for POPs management and destruction

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Overview of technical infrastructure for POPs management and destruction** | **POPs management** | **POPs destruction** | **Main problems encountered** | **Remarks** |
| [] Yes  [] No  [] Currently under development  [] Not relevant  [] Not applicable | [] Yes  [] No  [] Currently under development  [] Not relevant  [] Not applicable |  |  |

### 4.2.19 Identification of impacted populations or environments, estimated scale and magnitude of threats to public health and environmental quality, and social implications for workers and local communities

**[Placeholder for narrative]**

Table 208. Information on identification of impacted populations or environments, estimated scale and magnitude of threats to public health and environmental quality, and social implications for workers and local communities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **POPs** | **Impacted populations or environments** | **Estimated scale and magnitude of threats to public health and environmental quality** | **Social implications for workers and local communities** | **Remarks** |
|  |  |  |  |  |

### 4.2.20 Details of any relevant system for the assessment and listing of new chemicals

**[Placeholder for narrative]**

Table 209. Details of any relevant system for the assessment and listing of new chemicals, in accordance with paragraph 3 of Article 3 of the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Action** | **Status** | **Year** | **Measure** | **Remarks** |
| taking 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 | [] Yes  [] Currently being developed  [] No  [] Other | [] | [] no regulatory and assessment schemes for new pesticides or industrial chemicals in place  [] regulatory and assessment schemes for new pesticides or new industrial chemicals in place, but it does not take into consideration the criteria in paragraph 1 of Annex D. |  |

### 4.2.21 Details of any relevant system for the assessment and regulation of chemicals already in the market

**[Placeholder for narrative]**

Table 210. Details of any relevant system for the assessment and regulation of chemicals already in the market, in accordance with paragraph 4 of Article 3 of the Convention

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Action** | **Status** | **Year** | **Measure** | **Remarks** |
| taking 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  [] Other | [] | [] no regulatory and assessment schemes for existing pesticides or industrial chemicals in place  [] regulatory and assessment schemes for existing pesticides or industrial chemicals in place, but it does not take into consideration the criteria in paragraph 1 of Annex D. |  |

## 4.3 Implementation status

In the case of NIP review and updating, this subchapter would summarize progress to date in implementing the initial and, where relevant, subsequent versions of the NIP.

**[Placeholder for narrative]**

Table 211. Information on previous NIP action plans implementation status

|  |  |  |  |
| --- | --- | --- | --- |
| **Previous NIP Action Plan** | **Previous NIP Action Plan Component/Activity/Measure** | **Implementation status** | **Remarks** |
|  |  |  |  |

# 5. Results of the gap-analysis and limitations identified for completion of the inventory

**[Placeholder for narrative]**

# 6. Further actions to be taken to complete the inventory (e.g. stakeholder involvement, data collection strategies) and recommendations

**[Placeholder for narrative]**

# 7. Other information (e.g. stakeholder list)

**[Placeholder for narrative]**

# Annexes

**[Placeholder for narrative]**

Please add all raw activity data collected