

2025 FULL REPORTS OF THE MINAMATA CONVENTION ON MERCURY

Report submitted on 19 November 2025



REPORTING PERIOD:

1 January 2021 to 31 December 2024

Attachments can be found on the website

▼ INFORMATION ON THE PARTY

1. Information on the party

Name of party

Botswana

Date on which its instrument of ratification, accession, approval or acceptance was deposited

3 June 2016

Date of entry into force of the Convention for the party

16 August 2017

2. Information on the national focal point

Full name of the institution

Department of Environmental Protection

Title of Contact Officer

Ms.

Name of Contact Officer

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3. Information about the contact officer submitting the reporting format if different from the above

Focal Point is submitting the national report

- Information is submitted by the national focal point
- Information is submitted through the national focal point by the contact officer

▼ ART. 3: MERCURY SUPPLY SOURCES AND TRADE

3.1: Does the party have any primary mercury mines that were operating within its territory at the date of entry into force of the Convention for the party?

- Yes - primary mercury mining with available data
- Yes - primary mercury mining with no available data
- No

3.2: Does the party have any primary mercury mines that are now in operation that were not in operation at the time of entry into force of the Convention for the party?

- Yes - primary mercury mining with available data
- Yes - primary mercury mining with no available data
- No

3.3: (A) Has the party endeavoured to identify individual stocks of mercury or mercury compounds exceeding 50 metric tons that are located within its territory?

3.3: (A) Has the party endeavoured to identify individual stocks of mercury or mercury compounds exceeding 50 metric tons that are located within its territory?

- Yes - with new data* (also to be selected by parties reporting for the first time)
- Yes - endeavoured and indicates same stocks as reported in the previous report
- No

3.3: (B) Has the party endeavoured to identify individual sources of mercury-supply-generating stocks exceeding 10 metric tons per year that are located within its territory?

3.3:(B) Has the party endeavoured to identify individual sources of mercury-supply-generating stocks exceeding 10 metric tons per year that are located within its territory?

- Yes - with new data* (also to be selected by parties reporting for the first time)
- Yes - endeavoured and indicates same stocks as reported in the previous report
- No

If the party answered no to the question, please explain.

Lack of funds for further mercury inventory.

3.4: Has the party determined that it has excess mercury available from the decommissioning of chlor-alkali facilities?

- Yes
- No - has determined it has no excess mercury
- No - has not made a determination

3.5: *Has the party received consent, or relied on a general notification of consent, in accordance with article 3, including any required certification from importing non-parties, for all exports of mercury from the party's territory in the reporting period?

- Yes - exports to parties
- Yes - exports to non-parties
- No - no export took place
- No - consent was not given

3.6: Has the party allowed the import of mercury from a non-party?

- No
- Yes
- The importing party has relied on paragraph 7 of article 3

Part E – Additional comments on this article

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▼ ART. 4: MERCURY-ADDED PRODUCTS

4.1. Has the party taken any appropriate measures to not allow the manufacture, import or export of mercury-added products listed in Part I of Annex A of the Convention after the phase-out date specified for those products?

- Yes
- No
- Yes (implementing paragraph 2 of article 4)

If no, has the party registered for an exemption pursuant to article 6?

- Yes
- No

4.3: (A) Has the party taken two or more measures listed in subparagraphs (i) to (ix) of part II of annex A for the mercury-added products listed in part II of annex A in accordance with the provisions set out therein?

4.3:(A) Has the party taken two or more measures listed in subparagraphs (i) to (ix) of part II of annex A for the mercury-added products listed in part II of annex A in accordance with the provisions set out therein?

- Yes
- No

If yes, please provide information on the measures.

A draft National Action Plan for the Phase Down and Out of Dental Amalgam has been developed.

4.3: (B) If the amendment to annex A adopted in decision MC-4/3 has entered into force for the party, has the party (please check the appropriate box below) taken relevant measures:

4.3:(B) If the amendment to annex A adopted in decision MC-4/3 has entered into force for the party, has the party (please check the appropriate box below) taken relevant measures:

- Yes
- No
- Not applicable

If the party answered no to question 4.3(B) above, please explain

Lack of legislative framework, lack of funds for alternatives.

4.4: Has the party taken measures to prevent the incorporation into assembled products of mercury-added products whose manufacture, import and export are not allowed for it under article 4?

- Yes

No

No – not applicable (do not have facilities assembling products using mercury-added products)

4.5: Has the party discouraged the manufacture and the distribution in commerce of mercury-added products not covered by any known use in accordance with article 4, paragraph 6?

Yes

No – no action taken

No – an assessment of the risks and benefits of the product demonstrates benefits to human health or the environment

If the party answered no – no action taken, please explain.

Lack of a legislative framework on the management of mercury.

Part E – Additional comments on this article

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▼ ART. 5: MANUFACTURING PROCESSES IN WHICH MERCURY OR MERCURY COMPOUNDS ARE USED

5.1: Are there facilities within the territory of the party that use mercury or mercury compounds for the processes listed in Annex B of the Minamata Convention in accordance with paragraph 5 of article 5 of the Convention?

Yes

No

Do not know

5.2: Are measures in place to not allow the use of mercury or mercury compounds in manufacturing processes listed in Part I of Annex B after the phase-out date specified in that Annex for the individual process?

CHLOR-ALKALI PRODUCTION

Yes

No

Not applicable (do not have these facilities)

ACETALDEHYDE PRODUCTION IN WHICH MERCURY OR MERCURY COMPOUNDS ARE USED AS A CATALYST

Yes

No

Not applicable (do not have these facilities)

5.3: Are measures in place to restrict the use of mercury or mercury compounds in the processes listed in Part II of Annex B in accordance

with the provisions set out therein?

VINYL CHLORIDE MONOMER PRODUCTION

- Yes
- No
- Not applicable (do not have these facilities)

SODIUM OR POTASSIUM METHYLATE OR ETHYLATE

- Yes
- No
- Not applicable (do not have these facilities)

PRODUCTION OF POLYURETHANE USING MERCURY-CONTAINING CATALYSTS

- Yes
- No
- Not applicable (do not have these facilities)

5.4: Is there any use of mercury or mercury compounds in a facility using the manufacturing processes listed in Annex B that did not exist prior to the date of entry into force of the Convention for the party?

- Yes
- No

5.5: Has the party discouraged the development of any facility using any other manufacturing process in which mercury or mercury compounds are intentionally used that did not exist prior to the date of entry into force of the Convention?

- Yes
- No - no action taken
- No - the party demonstrated to the Conference of the Parties the significant environmental and health benefits of the manufacturing process and that there are no technically and economically feasible mercury-free alternatives available providing such benefits.

Part E – Additional comments on this article

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▼ ART. 7: ARTISANAL AND SMALL-SCALE GOLD MINING

7.1: Have steps been taken to reduce, and where feasible eliminate, the use of mercury and mercury compounds in, and the emissions and releases to the environment of mercury from, artisanal and small-scale gold mining and processing subject to article 7 within your territory?

- Yes

No

There is no artisanal and small-scale gold mining and processing subject to article 7 in which mercury amalgamation is used in the territory

If yes, please provide information on the steps.

A GEF Endorsement letter has been signed for the development of a National Action Plan on the management of ASGM in Botswana. The project is set to begin in January 2026.

7.2: Has the party determined, and notified the secretariat, that artisanal and small-scale gold mining and processing within its territory is more than insignificant?

Yes

No

7.3: Has the party developed and implemented a national action plan and submitted it to the secretariat?

Yes

No

In progress

7.4: Attach your most recent review that must be completed under paragraph 3 (c) of article 7, unless it is not yet due

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7.5: Supplemental: Has the party cooperated with other countries or relevant intergovernmental organizations or other entities to achieve the objective of this article?

Yes

No

Please provide information

{Empty}

Part E – Additional comments on this article

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▼ ART. 8: EMISSIONS

8.1: Identify any Annex D source categories for which there are new sources of emissions of mercury or mercury compounds as defined in paragraph 2 (c) of article 8.

For each of those source categories describe the measures in place, including the effectiveness of such measures, to implement the requirements of paragraph 4 of article 8.

Coal-fired power plants

Coal-fired power plants

Use of BAT/BEP.

Coal-fired industrial boilers

Smelting and roasting processes used in the production of non-ferrous metals

Waste incineration facilities

Waste incineration facilities

Adherence to Air Emissions standard.

- Cement clinker production facilities

Cement clinker production facilities

Use of BAT/BEP.

Has the party required the use of best available techniques or best environmental practices (BAT/BEP) to control and where feasible reduce emissions for new sources no later than 5 years after the date of entry into force of the Convention for the party?

- Yes
 No (please explain)

If Yes, please explain

There is an Air emissions standard for Botswana.

8.2: Identify any Annex D source categories for which there are existing sources of emissions of mercury or mercury compounds as defined in paragraph 2 (e) of article 8.

For each of those source categories, select and provide details on the measures implemented under paragraph 5 of article 8 and explain the progress that these applied measures have achieved in reducing emissions over time in your territory:

▼ COAL-FIRED POWER PLANTS

- A quantified goal for controlling and, where feasible, reducing emissions from relevant sources
- Emission limit values for controlling and, where feasible, reducing emissions from relevant sources
- Use of BAT/BEP to control emissions from relevant sources
- Multi-pollutant control strategy that would deliver co-benefits for control of mercury emissions
- Alternative measures to reduce emissions from relevant sources

Measures

Continual monitoring of emissions.

Progress

This is the compliance level.

▼ COAL-FIRED INDUSTRIAL BOILERS

- A quantified goal for controlling and, where feasible, reducing emissions from relevant sources
- Emission limit values for controlling and, where feasible, reducing emissions from relevant sources
- Use of BAT/BEP to control emissions from relevant sources
- Multi-pollutant control strategy that would deliver co-benefits for control of mercury emissions
- Alternative measures to reduce emissions from relevant sources

Measures

Continuous monitoring of emissions.

Progress

This is dependant on compliance.

▼ SMELTING AND ROASTING PROCESSES USED IN THE PRODUCTION OF NON-FERROUS METALS

- A quantified goal for controlling and, where feasible, reducing emissions from relevant sources
- Emission limit values for controlling and, where feasible, reducing emissions from relevant sources
- Use of BAT/BEP to control emissions from relevant sources
- Multi-pollutant control strategy that would deliver co-benefits for control of mercury emissions
- Alternative measures to reduce emissions from relevant sources

Measures

Continous monitoring of air emmissions.

Progress

This is dependant on compliance.

▼ WASTE INCINERATION FACILITIES

- A quantified goal for controlling and, where feasible, reducing emissions from relevant sources
- Emission limit values for controlling and, where feasible, reducing emissions from relevant sources
- Use of BAT/BEP to control emissions from relevant sources
- Multi-pollutant control strategy that would deliver co-benefits for control of mercury emissions
- Alternative measures to reduce emissions from relevant sources

Measures

Adherence to the Air Emissions standard.

Progress

This is dependant on compliance.

▼ CEMENT CLINKER PRODUCTION FACILITIES

- A quantified goal for controlling and, where feasible, reducing emissions from relevant sources
- Emission limit values for controlling and, where feasible, reducing emissions from relevant sources
- Use of BAT/BEP to control emissions from relevant sources
- Multi-pollutant control strategy that would deliver co-benefits for control of mercury emissions
- Alternative measures to reduce emissions from relevant sources

Measures

Adherence to Air Emissions Standard.

Progress

Dependant on compliance.

Have the measures for existing sources under paragraph 5 of article 8 been implemented no later than 10 years after the date of entry into force of the Convention for the party?

- Yes
 No

8.3: Has the party prepared an inventory of emissions from relevant sources within 5 years of entry into force of the Convention for it?

- Yes
 No
 Have not been a party for 5 years

If yes, when was the inventory last updated?

1 April 2019

Please indicate where this inventory is available

Minamata Initial Assessment report.

Attach

- [BWA_8.3.xls](#)

8.4: Has the party chosen to establish criteria to identify relevant sources covered within a source category?

- Yes
 No

If yes, please explain how the criteria for any category include at least 75 percent of the emissions from that category and explain how the party took into account guidance adopted by the Conference of the Parties.

Use of inventory spreadsheet and guidelines.

8.5: Has the party chosen to prepare a national plan setting out the measures to be taken to control emissions from relevant sources and its expected targets, goals and outcomes?

- Yes
 No

If yes, has the party submitted its national plan to the Conference of the Parties under this article no later than 4 years after the date of entry into force of the Convention for the party?

- Yes
 No

Please explain

This is still work in progress.

Part E – Additional comments on this article

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▼ ART. 9: RELEASES

9.1: Are there, within the party's territory, relevant sources of releases

as defined in paragraph 2 (b) of article 9?

- Yes
- No
- Do not know (please explain)

9.2: Has the party established an inventory of releases from relevant sources within 5 years of entry into force of the convention for it?

- Yes
- Relevant sources do not exist in the territory
- Have not been a party for 5 years
- No (please explain)

When was the inventory last updated?

1 April 2019

Please indicate where this inventory is available.

[BWA_9.2.xls](#)

Please explain

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Part E – Additional comments on this article

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▼ **ART. 10: ENVIRONMENTALLY SOUND INTERIM STORAGE OF MERCURY, OTHER THAN WASTE MERCURY**

10.1: Has the party taken measures to ensure that the interim storage of non-waste mercury and mercury compounds intended for a use allowed to a party under the Convention is undertaken in an environmentally sound manner?

- Yes
- No (please explain)
- Do not know (please explain)

If yes, please indicate the measures taken to ensure that such interim storage is undertaken in an environmentally sound manner, and the effectiveness of those measures.

Safe storage, which is marked as a contaminated site.

Part E – Additional comments on this article

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▼ **ART. 11: MERCURY WASTES**

11.1: Have measures outlined in article 11, paragraph 3, been implemented for the party's mercury waste?

- Yes
- No
- Yes – the party has taken measures so that mercury waste is managed in an environmentally sound manner

Please describe measure and effectiveness of measures

Marking of contaminated sites. Safe storage of hazardous waste.

Yes – the party has taken measures so that mercury waste is recovered, recycled, reclaimed or directly re-used for a use allowed to a party under the Convention or for environmentally sound disposal pursuant to paragraph 3 (a)

Yes – the party has taken measures so that mercury waste is not transported across international boundaries except for the purpose of environmentally sound disposal

If the party answered yes to any measures above, please describe the measures implemented pursuant to paragraph 3, and please also describe the effectiveness of those measures.

Implementation of the Waste Management Act , 1998.

11.2: *Are there facilities for final disposal of waste consisting of mercury or mercury compounds in the party's territory?

Yes

No

Do not know (please explain)

Part E – Additional comments on this article

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▼ ART. 12: CONTAMINATED SITES

12.1: Has the party endeavoured to develop strategies for identifying and assessing sites contaminated by mercury or mercury compounds in its territory?

Yes

No

Please elaborate

A reconnaissance survey was carried out on the Management of ASGM in Botswana. A NAP on the management of ASGM is set to be developed.

Part E – Additional comments on this article

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▼ ART. 13: FINANCIAL RESOURCES AND MECHANISM

13.1: Has the party undertaken to provide, within its capabilities, resources in respect of those national activities that are intended to implement the Convention in accordance with its national policies, priorities, plans and programmes?

Yes

No

Please specify

The Intergrated Waste Management Poilcy, 2021 advocates for a Circular Economy Approach. The Chemicals Bill, which is still a draft, facilitates for the Sound Management of Chemicals.

13.2: Supplemental: Has the party, within its capabilities, contributed to the mechanism referred to in paragraph 5 of article 13?

Yes

No

Please provide comments, if any.

{Empty}

13.3: Supplemental: Has the party provided financial resources to assist developing-country parties and/or parties with economies in transition in the implementation of the Convention through other bilateral, regional and multilateral sources or channels?

Yes

No

Please specify

{Empty}

Please provide comments, if any.

{Empty}

Part E – Additional comments on this article

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▼ ART. 14: CAPACITY-BUILDING, TECHNICAL ASSISTANCE AND TECHNOLOGY TRANSFER

14.1: Has the party cooperated to provide capacity-building or technical assistance, pursuant to article 14, to another party to the Convention?

Yes

No

Please specify

This is through peer to peer collaboration.

14.2: Supplemental: Has the party received capacity-building or technical assistance pursuant to article 14?

Yes

No

Please specify

Trainings during regional meetings, and webex training on various parts of the convention.

Please provide comments, if any.

{Empty}

14.3: Has the party promoted and facilitated the development, transfer and diffusion of and access to, up-to-date environmentally sound alternative technologies?

Yes

No

Other

Please specify

This is continuous for the management of mercury in Botswana.

Part E – Additional comments on this article

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▼ ART. 16: HEALTH ASPECTS

16.1: Have measures been taken to provide information to the public on exposure to mercury in accordance with paragraph 1 of article 16?

- Yes
 No

Supplemental: If yes, describe the measures that have been taken.

Continous program on Public Education and Awareness on Mercury Management in Botswana.

16.2: Have any measures been taken to protect human health in accordance with article 16 beyond the provision of information to the public on exposure to mercury (referred to in question 16.1)?

- Yes
 No

Supplemental: If yes, describe the measures that have been taken.

Continous Public Education and Awareness programs.

Part E – Additional comments on this article

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▼ ART. 17: INFORMATION EXCHANGE

17.1: Has the party facilitated the exchange of information referred to in article 17, paragraph 1?

- Yes
 No

If yes, the Party may wish to indicate in the space provided below the exchange of information it has facilitated, such as:

Scientific, technical, economic and legal information concerning mercury and mercury compounds, including toxicological, ecotoxicological and safety information

Scientific, technical, economic and legal information concerning mercury and mercury compounds, including toxicological, ecotoxicological and safety information

{Empty}

Information on the reduction or elimination of the production, use, trade, emissions and releases of mercury and mercury compounds

Information on technically and economically viable alternatives to:

Epidemiological information concerning health impacts associated with exposure to mercury and mercury compounds, in close cooperation with the World Health Organization and other relevant organizations, as appropriate. (Art. 17.1 (a)–(d))

Part E – Additional comments on this article

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▼ ART. 18: PUBLIC INFORMATION, AWARENESS AND EDUCATION

18.1: Have measures been taken to promote and facilitate the provision to the public of the kinds of information listed in article 18, paragraph 1?

Yes

No

If yes, the party may wish to indicate in the space provided below, the measures it has taken to promote and facilitate information to the public, such as:

(a) Provision to the public of available information on:

The effects of mercury and mercury compounds on human health and the environment

The effects of mercury and mercury compounds on human health and the environment

{Empty}

Alternatives to mercury and mercury compounds

Alternatives to mercury and mercury compounds

{Empty}

The topics identified in paragraph 1 of article 17

The results of its research, development and monitoring activities under article 19

Activities to meet its obligations under the Convention

(b) Education, training and public awareness related to the effects of exposure to mercury and mercury compounds on human health and the environment in collaboration with relevant intergovernmental and non-governmental organizations and vulnerable populations, as appropriate.

Activities to meet its obligations under the Convention

This is a continuous initiative of the Ministry of Health and The Ministry of Environment and Tourism.

(Art. 18 (1) (a) and (b))

Part E – Additional comments on this article

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▼ ART. 19: RESEARCH, DEVELOPMENT AND MONITORING

19.1: Has the party undertaken any research, development and monitoring in accordance with paragraph 1 of article 19?

Yes

No

If yes, the party may wish to indicate in the space provided below, the research, development and monitoring it has undertaken, such as:

Inventories of use, consumption, anthropogenic emissions to air and releases to water and land of mercury and mercury compounds

Inventories of use, consumption, anthropogenic emissions to air and releases to water and land of mercury and mercury compounds

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Modelling and geographically representative monitoring of levels of mercury and mercury compounds in vulnerable populations and in environmental media, including biotic media such as fish, marine mammals, sea turtles and birds, as well as collaboration in the collection and exchange of relevant and appropriate samples

Assessments of the impact of mercury and mercury compounds on human health and the environment, in addition to social, economic and cultural impacts, particularly in respect of vulnerable populations

- Harmonized methodologies for the activities undertaken under subparagraphs (a), (b) and (c) of paragraph 1 of article 19
- Information on the environmental cycle, transport (including long-range transport and deposition), transformation and fate of mercury and mercury compounds in a range of ecosystems, taking appropriate account of the distinction between anthropogenic and natural emissions and releases of mercury and of remobilization of mercury from historic deposition
- Information on commerce and trade in mercury and mercury compounds and mercury-added products
- Information and research on the technical and economic availability of mercury-free products and processes and on best available techniques and best environmental practices to reduce and monitor emissions and releases of mercury and mercury compounds

(Art. 19 (1) (a)-(g))

Part E – Additional comments on this article

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▼ COMMENTS REGARDING POSSIBLE CHALLENGES IN MEETING THE OBJECTIVES OF THE CONVENTION

Part C: Comments regarding possible challenges in meeting the objectives of the Convention

{Empty}

▼ COMMENTS REGARDING THE REPORTING FORMAT AND POSSIBLE IMPROVEMENTS, IF ANY

Comments regarding the reporting format and possible improvements, if any

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