Japan's comments on the first draft report on the development of guidance on methodologies for inventories of mercury releases to land and water 15 May 2019

Upon the request for comments made by the secretariat of the Minamata Convention on 15 May 2018, in response to the COP decision MC-2/3, we would like to submit our comments on the first draft report on the work of the group of technical experts. The commented draft report annexed to the following list provides as the locator for each comment, which does not mean any endorsement/support of unedited part of the report.

Page	Original text	Suggested text	Comments
p.2	Several other articles of the Convention address the control and reduction of releases of mercury and mercury compounds to land and water. Since article 9 provides for measures to control releases and development of inventory, one should consider whether other provisions address these aspects.	Several other articles of the Convention address <u>issues that may relate to</u> the control and reduction of releases of mercury and mercury compounds to land and water. Since article 9 provides for measures to control releases and development of inventory, one should consider whether other provisions address these aspects.	Not all articles directly address releases.
p.2	Pursuant to article 3, existing primary mercury mines are only allowed for a period of up to 15 years after entry into force of the Convention for a Party. Releases to land and water from mercury mines in this period are not addressed in article 3. Mercury waste from mercury mining is covered by article 11.	Pursuant to article 3, existing primary mercury mines are only allowed for a period of up to 15 years after entry into force of the Convention for a Party. Releases to land and water from mercury mines in this period are not addressed in article 3. Mercury waste from mercury mining is covered by article 11, <u>thus it will be</u> <u>discussed in the Article 11</u> .	It is to clarify that mercury waste from mercury mining is not covered.
p.3	The table below is a compilation of submissions on potentially relevant <u>point</u> sources, based on the UNEP toolkit for identification and quantification of mercury releases. The group of technical experts has not been able to review this table in detail, and the inclusion of a source category in this list does not imply that it was agreed by the group. It should be noted that some sources under these source categories may be regarded as diffuse sources. Preliminary list of potentially relevant point source categories	The table below is a compilation of submissions on potentially relevant sources (both point and diffuse sources), based on the UNEP toolkit for identification and quantification of mercury releases. The group of technical experts has not been able to review this table in detail, and the inclusion of a source category in this list does not imply that it was agreed by the group. It should be noted that some sources under these source categories may be regarded as diffuse sources. Preliminary list of potentially relevant point and diffuse source categories	Table includes both point and diffuse sources. It should indicate the diffuse source categories.

Page	Original text	Suggested text	Comments
Table	5.5.5 Polyurethane with mercury catalysts	Diffuse source	Table includes both point and
5.5.5	5.5.7 Paints with mercury		diffuse sources. It should indicate
5.5.7	5.5.8 Pharmaceuticals for human and		the diffuse source categories.
5.5.8	veterinary uses		
5.5.9	5.5.9 Cosmetics and related products with		
5.6.1	mercury		
5.6.2	5.6.1 Dental mercury-amalgam fillings		
5.6.3	5.6.2 Manometer and gauges with mercury		
5.6.4	5.6.3 Laboratory chemicals and equipment with		
5.10.2	mercury		
	5.6.4 Mercury metal use in religious rituals and		
	folklore medicine		
	5.10.2 Cemeteries		
Table	Releases to water and land (sludge application	Releases to water and land (sludge application	Intentional reuse is added in the
5.9.5	as fertilizer) are reported.	as fertilizer) are reported. <u>Reuse of wastewater</u>	category.
		for irrigation or sludge for soil treatment will	
		<u>fall under this category.</u>	
p.8	The group briefly discussed this proposal, and	[No suggested text]	Wastewater treatment is usually
	other suggestions were made such as		controlled by effluent limit rather
	requesting the expert group to review the		than BAT/BEP in most countries.
	technologies for controlling releases from		Handling of mining wastes may be
	wastewater treatment facilities or to discuss		suitable for BAT/BEP approach as
	which source categories may require guidance		release limit value is sometimes
	on BAT/BEP.		not practical.

First draft report on the development of guidance on methodologies for inventories of mercury releases to land and water

15 May 2019

Introduction

The Conference of the Parties in its decision MC-2/3 on releases to land and water established a group of technical experts to develop draft guidance on methodologies for preparing inventories for a list of potentially relevant point source categories, and requested the group to prepare a report including

- a list of any significant anthropogenic point source of release categories not addressed in provisions of the Convention other than article 9; and
- a suggested roadmap and structure for the development of draft guidance on methodologies for preparing its inventories.

Decision MC-2/3 also requested the secretariat to circulate a call to parties, signatories and other stakeholders to identify possible point source categories of releases to be included in the list referred to in paragraph 1 of the decision, and to compile the submissions into a report including the relevant point source categories identified in, inter alia, the United Nations Environment Programme toolkit for identification and quantification of mercury releases, the Minamata Initial Assessments and the Global Mercury Assessment, and to share the report with the group of experts.

Comments and relevant information were received from Argentina, Canada, Costa Rica, European Union, Mauritius, Montenegro, Norway, the Secretariat of the Barcelona Convention and the Mediterranean Action Plan, and Natural Resources Defense Council. These comments were compiled and circulated to the group of technical experts.

Definition of key terms

The group reviewed the submissions through two teleconferences. The group considered that, for the identification of significant anthropogenic point sources of release categories not addressed in provisions of the Convention other than article 9, there needs to be a common understanding about what is meant by key terms such as "point source", "significant" and "addressed".

Point source

Article 9 of the Convention provides no definition of point source. UNECE Protocol on Pollutant Releases and Transfer Register provides that each Party shall establish and maintain a publicly accessible national pollutant release and transfer register that is facility-specific with respect to reporting on point sources, and accommodates reporting on diffuse sources. It defines "facility" as one or more installations on the same site, or on adjoining sites, that are owned or operated by the same natural or legal person; and "diffuse sources" as the many smaller or scattered sources from which pollutants may be released to land, air or water, whose combined impact on those media may be significant and for which it is impractical to collect reports from each individual source. The Protocol on Heavy Metals under the UNECE Convention on Long-Range Transboundary Air Pollution and the Convention for the Protection of the Marine Environment of the North-East Atlantic include definitions of related terms such as "stationary sources" and "land-based sources".

Under the Clean Water Act of the United States of America, the term "point source" means any discernible, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, or vessel or other floating craft, from which pollutants are or may be discharged. This term does not include agricultural stormwater discharges and return flows from irrigated agriculture. (https://www.epa.gov/cwa-404/clean-water-act-section-502-general-definitions). The European Environment Agency defines a point source as a stationary location or fixed facility from which pollutants are discharged; any single identifiable source of pollution; e.g. a pipe, ditch, ship, ore pit, factory

smokestack (EEA Glossary, <u>https://www.eea.europa.eu/help/glossary/eea-glossary/point-source</u>). Definitions used in several other jurisdictions were provided by experts.

Significant

Subparagraph 2(b) of article 9 provides that "relevant source" means any significant anthropogenic point source of releases as identified by a party that is not addressed in other provisions of the Convention. Therefore, parties may decide whether a source of releases to land or water within its territory is significant, and thus triggers measures for controlling and/or reducing the releases. In doing so, parties may take into account the quantity of releases, location and exposure pathways.

Addressed in other provisions of the Convention

Several other articles of the Convention address <u>issues that may relate to</u> the control and reduction of releases of mercury and mercury compounds to land and water. Since article 9 provides for measures to control releases and development of inventory, one should consider whether other provisions address these aspects.

Pursuant to article 3, existing primary mercury mines are only allowed for a period of up to 15 years after entry into force of the Convention for a Party. Releases to land and water from mercury mines in this period are not addressed in article 3. Mercury waste from mercury mining is covered by article 11, thus it will be discussed in the Article 11.

Article 4 disallows the manufacturing of products listed in part I of annex A after the phase out date which is dependent on the exemption requests submitted by parties. However, releases to land and water from the production of products not listed in Annex A, including products that contain mercury below specified concentration limits, are not addressed in article 4. For dental amalgam in part II of annex A, a party has the option to choose, out of nine measures, to promote best environmental practice to reduce releases. As such, mercury releases from dental practices are addressed for parties that choose to promote best environmental practice, but not addressed for parties that do not choose so.

Subparagraph 5(a) of article 5 provides that each party with one or more facilities listed in annex B shall take measures to address emissions and releases of mercury and mercury compounds. Therefore, these facilities are addressed by article 5. Release inventory is not explicitly mentioned in article 5. Releases from manufacturing processes not listed in Annex B are not addressed by article 5.

Article 7 provides that parties that determine that artisanal and small-scale gold mining (ASGM) is more than insignificant in their territory shall take steps to reduce, and where feasible eliminate, the use of mercury and mercury compounds, and the emissions and releases to the environment of mercury. Therefore, releases from ASGM is addressed by article 7, while articles 11 and 12 also address some aspects. Release inventory is not explicitly mentioned in article 7.

Article 8 provides that parties shall require the use of best available techniques (BAT) and best environmental practices (BEP) to control, and where feasible, reduce emissions from new sources of emission to air. It also provides that, for existing sources, parties shall take measures that may include a quantified goal, emission limit values, the use of BAT and BEP, etc. The guidance on BAT/BEP adopted by the Conference of the Parties takes into account the need to minimize cross-media effects. Therefore, mercury releases from sources listed in annex D may be addressed by measures to implement article 8 for some countries, and may not be addressed by others. Release inventory is not explicitly mentioned in article 8.

Article 10 provides that parties shall take measures to ensure that the interim storage of mercury and mercury compounds other than waste is undertaken in an environmentally sound manner. The guidelines on the environmentally sound interim storage include measures to prevent releases. Therefore, releases of mercury and mercury compounds from interim storage is addressed by this article.

Article 11 provides that parties shall take appropriate measures so that mercury waste is managed in an environmentally sound manner, taking into account the guidelines developed under the Basel Convention. Therefore, this article addresses releases of mercury to land and water arising from the management of mercury

waste, including for example releases from treatment of tailings and slurries from non-ferrous metal production. However, the current guidelines under the Base Convention only describes releases from waste incineration and waste landfill. Release inventory is not explicitly mentioned in article 11

Article 12 provides that parties shall endeavor to develop appropriate strategies for identifying and assessing sites contaminated by mercury and mercury compounds. It does not include obligation of parties to address the releases of mercury releases Therefore, releases from contaminated sites are not addressed by article 12.

Consolidated list of potentially relevant point source categories

The table below is a compilation of submissions on potentially relevant point sources (both point and diffuse sources), based on the UNEP toolkit for identification and quantification of mercury releases. The group of technical experts has not been able to review this table in detail, and the inclusion of a source category in this list does not imply that it was agreed by the group. It should be noted that some sources under these source categories may be regarded as diffuse sources.

Source c	ategory in the Toolkit	Release points*	Remarks	
Source category: Extraction and use of fuels/energy sources				
5.1.1	Coal combustion in	Water: Releases from coal wash. Wet	Parties may address these	
	power plants	and semi-wet flue gas scrubbers may	releases as part of cross-	
		release waste water.	media measures under	
		Land: Solid flue gas residues used in	article 8.	
		cement production, under roads,		
		deposited on-site or disposed to		
		landfill. Solids from any water cleaning		
		likely deposited?		
5.1.2.1	Coal combustion in coal	Similar with 5.1.1 for some big	Parties may address these	
	fired industrial boilers	facilities. Minor facilities may release	releases as part of cross-	
		solid residues from dust filter.	media measures under	
			article 8.	
5.1.2.2	Other coal use	Perhaps releases as dust from filters in		
		some cases.		
NEW	Coal mining	Mercury levels low unless concentrated		
		by for example coal wash, which is		
		known to release mercury to water and		
		land/waste deposits. Some countries		
		apply coal wash in the mining areas.		
5.1.3	Mineral oils - extraction,	Mercury may be released to water from		
	refining and use	offshore oil extraction as well as from		
		oil refining. The same is likely the case		
		for on-shore extraction. Major oil-		
		based industrial boilers and power		
		generation with dust filters release		
		mercury-containing filter residues to		
		land or waste (depending on local		
~ • • •		regulation).		
5.1.4	Natural gas - extraction,	Offshore natural gas extraction releases		
	refining and use	mercury to water. The same is likely		
		the case for on-shore extraction. Gas		
		extraction in high-level mercury		
		regions may have mercury filters from		
		which residues are disposed of vas		
		waste or regenerated offsite. (Gas		
		condensates have concentrated mercury		

Preliminary list of potentially relevant point <u>and diffuse</u> source categories

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		and may sometimes be deposited or	
		is extracted from the condensate for	
		marketing or final disposal).	
5.1.5	Other fossil fuels -	Lack of data on this subject	
	extraction and use		
5.1.6	Biomass fired power	Major biomass industrial boilers and	
	and heat production	power generation with dust filters may	
		residues to land or waste (depending on	
		local regulation).	
5.1.7	Geothermal power	Depending on technology vents may	
	production	release mercury if underground is	
		mercury-rich; sometimes mercury is	
		absorbed in filters and absorbents are	
		regenerated offsite (extracted mercury	
		is marketed or disposed as waste), or	
		waste.	
NEW	Reprocessing of spent	Lack of information on this subject	
	nuclear fuels.		
Source cate	gory: Primary (virgin) metal	production	
5.2.1	Mercury (primary)	May have massive releases to water	
	extraction and initial	and land.	
522	Gold (and silver)	Massive mercury releases to land and	Addressed in Article 7
5.2.2	extraction with mercury	water	Addressed in Africie /
	amalgamation processes		
5.2.3	Zinc extraction and	Mining and concentration phases likely	Parties may address these
	initial processing	have significant mercury releases to	releases as part of cross-
		water and land, but data are lacking.	media measures under
		Extraction phase (smelting) has	article 8.
		releases to water from wet gas cleaning	
		and may also have releases to land.	
		releases to water and land (no	
		quantitative data available)	
5.2.4	Copper extraction and	Mining and concentration phases likely	Parties may address these
	initial processing	have significant mercury releases to	releases as part of cross-
		water and land, but data are lacking.	media measures under
		Extraction phase (smelting) has	article 8.
		releases to water from wet gas cleaning	
		and may also have releases to land.	
		Direct leach technology may have	
		quantitative data available)	
525	Lead extraction and	Mining and concentration phases likely	Parties may address these
0.2.0	initial processing	have significant mercury releases to	releases as part of cross-
	1	water and land, but data are lacking.	media measures under
		Extraction phase (smelting) has	article 8.
		releases to water from wet gas cleaning	
		and may also have releases to land.	
		Direct leach technology may have	
		releases to water and land (no	
		quantitative data available).	

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5.2.6	Gold extraction and	Significant releases to land (on-site)	Parties may address these
	initial processing by	and releases to water are reported.	releases as part of cross-
	methods other than		media measures under
	mercury amalgamation		article 8.
5.2.7	Aluminium extraction	In the step of producing the	
	and initial processing	intermediate alumina from bauxite,	
		mercury releases to water take place;	
		releases to land may take place. No	
		data are available on releases from the	
		final step from alumina to aluminium.	
528	Other non-ferrous	Mercury releases to land from silver	
0.2.0	metals - extraction and	mining has been reported. For other	
	processing	non-ferrous metals extraction releases	
	processing	to land and water may likely take place	
		for some metal extraction but no data	
		are available	
529	Primary ferrous metal	Mercury releases to land/waste are	
5.2.9	production	reported and water releases from wet	
	production	scrubbers applied may take place	
NEW	Processing of formula	Downstream processing of forrous	This was proposed by
INE W	matala	motels is expected to have only minor	avports. Need to look at
	metais	Menantia service in the large selected to	experts. Need to look at
		function of the second	5.2.0 and 5.7.2
		fuels use. Ferrous metals recycling is	5.2.9 and 5.7.2.
NIE NI		covered in 5.7.2.	
NEW	Diamond mining	Anecdotal information on cleaning of	
		diamonds with Mercury exist, but no	
		other data are available.	
Source cat	egory: Production of other min	nerals and materials with mercury impuritie	28
5.3.1	Cement production	Mercury is concentrated in the filter	Parties may address these
		dust recycling step and dust may	releases as part of cross-
		therefore be bled regularly to the final	media measures under
		cement product or to deposited	article 8.
		waste/land (no data available on	
		detailed fate).	
5.3.2	Pulp and paper	Releases to land and water are reported.	
	production		
5.3.3	Production of lime and	Releases to land and water from lime	
	light weight aggregates	production are reported.	
5.3.4	Other minerals and	Mercury releases from fertilizer	
	materials	production in some countries is known	
		but published data are not available.	
Source cat	egory: Intentional use of merc	ury in industrial processes	
5.4.1	Chlor-alkali production	Releases to water, land and absorption	Addressed by article 5.
	with mercury-	in building materials reported; some	-
	technology	facilities have significant unaccounted	
		mercury amounts, meaning major parts	
		of releases/emissions are not accounted	
		for quantitatively.	
5.4.2	VCM production with	Releases to water are reported	Addressed by article 5
	mercury catalyst	Releases to land may happen.	
543	Acetaldehyde	Releases to water are reported	Addressed by article 5
2.1.5	production with mercury	releases to water are reported	radiessed by artere 5.
	catalyst		
L	culliyst		

5.4.4	Other production of chemicals and polymers with mercury	Releases to water and land from production of mercury-containing chemicals or with the use of mercury in the processes may take place. Releases may take place from alcoholates production.	Sodium or potassium methylate and ethylate production is addressed by article 5.
Source cat	tegory: Consumer products wit	h intentional use of mercury	
5.5.1	Thermometers with mercury	Releases to land and or water are reported for production of some mercury-added products (from breakage/spillages). The same is expected for other mercury-added products.	Releases from the manufacturing of these products are not covered by article 4.
5.5.2	Electrical switches and relays with mercury	Releases that may reach land and or water are reported.	Releases from the manufacturing of these products are not covered by article 4.
5.5.3	Light sources with mercury	Releases that may reach land and or water are reported.	Releases from the manufacturing of these products are not covered by article 4.
5.5.4	Batteries with mercury	Releases to land and water are reported	Releases from the manufacturing of these products are not covered by article 4.
5.5.5	Polyurethane with mercury catalysts (Diffuse source)	Releases to land and or water are reported for production of some mercury-added products. Releases may perhaps take place from cleaning of polyurethane sports floors with mercury catalysts.	Manufacturing is addressed by article 5. Releases from the use are not addressed.
5.5.6	Biocides and pesticides with mercury	Releases to land and or water are reported for production of some mercury-added products.	Manufacturing will stop pursuant to article 4.
5.5.7	Paints with mercury (Diffuse source)	Releases to land and or water are reported for production of some mercury-added products During application of paints, mercury may be released to water from cleaning of spillages and tools.	Manufacturing of biocidal paints will stop pursuant to article 4. Need to look at whether non-biocidal mercury-added paints are produced.
5.5.8	Pharmaceuticals for human and veterinary uses (Diffuse source)	Releases to land and or water are reported for production of some mercury-added products Mercury may be releases to water and land through excretion.	
5.5.9	Cosmetics and related products with mercury (Diffuse source)	Releases to land and or water are reported for production of some mercury-added products. Mercury in applied cosmetics will be washed out to water from households; potentially in overall significant amounts.	Releases from the manufacturing of these products are not covered by article 4.
Source cat	tegory: Other intentional produ	ct/process use	
5.6.1	Dental mercury- amalgam fillings (Diffuse source)	Releases to water are reported throughout the lifecycle of dental amalgam; from placement of new	Parties may address these releases under article 4.

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		fillings, from drilling of old fillings and urine excretion while filings are in the mouth (in households)	
5.6.2	Manometers and gauges with mercury (Diffuse source)	Releases to land and or water are reported for production of some mercury-added products (from breakage/spillages).	Releases from the manufacturing of these products are not covered by article 4.
5.6.3	Laboratory chemicals and equipment with mercury (Diffuse source)	Releases to land and or water are reported for production of some mercury-added products (from breakage/spillages).	
5.6.4	Mercury metal use in religious rituals and folklore medicine (Diffuse source)	Releases to land and water are expected from both manufacture, trade and use (no quantitative data available); ayurvedic medicine in India is a major example of mercury use.	
5.6.5	Miscellaneous product uses, mercury metal uses, and other sources	Releases to land and or water are reported for production of some mercury-added products.	
NEW	Lighthouses	Releases to land and water may take place via washing of condensed evaporated mercury and spillages	
Source categ	gory: Production of recycled	metals ("secondary" metal production)	
5.7.1	Production of recycled mercury ("secondary production")	Releases to water and land/waste are reported	
5.7.2	Production of recycled ferrous metals (iron and steel)	Releases to water and land/waste are reported (no quantitative data)	
5.7.3	Production of other recycled metals		
Source categ	gory: Waste incineration	1	1
5.8.1	Incineration of municipal/general waste	Releases to water from wet flue gas cleaning reported. Releases to land/waste of ash and flue gas cleaning residues.	Addressed by article 11.
5.8.2	Incineration of hazardous waste	Expected to be like incineration of municipal waste above.	Addressed by article 11.
5.8.3	Incineration of medical waste	In many developing countries medical waste is burned at sub-optimal conditions and releases to land with solid residues are to be expected. For developed countries conditions are expected to be like described for municipal waste above.	Addressed by article 11.
5.8.4	Sewage sludge incineration	Expected to be like incineration of municipal waste above.	Addressed by article 11.
5.8.5	Informal waste burning	Significant amounts of mercury-added products are burned in the open in developing countries. Some of it may evade evaporation due to low temperatures and give rise to releases to land and water (leaching of remnants).	Diffuse sources
Source categ	gory: Waste deposition/landf	illing and waste water treatment	

5.9.1	Controlled landfills/deposits	Releases to water (through leaching) are reported.	Addressed by article 11.
5.9.2	Diffuse disposal under some control	This source category refers to use of residues under roads and similar, which may be considered as releases to land, with potential for slow releases to water.	Diffuse sources
5.9.3	Informal local disposal of industrial production waste	In such instances releases to land and water may be expected.	Diffuse sources
5.9.4	Informal dumping of general waste	Informal dumping is in itself a release to land. It may also cause releases to water.	Diffuse sources
5.9.5	Waste water system/treatment	Releases to water and land (sludge application as fertilizer) are reported. Reuse of wastewater for irrigation or sludge for soil treatment will fall under this category.	
Source cate	egory: Crematoria and cemete	eries	
5.10.1	Crematoria/cremation	Releases to land/waste may take place where crematoria are equipped with Mercury filters.	
5.10.2	Cemeteries (Diffuse source)	Cemeteries are direct releases to land.	

* Based on information aggregated for the UN Environment toolkit for identification and quantification of mercury releases. For additional details see <u>https://www.unenvironment.org/explore-topics/chemicals-waste/what-we-do/mercury/mercury-inventory-toolkit</u>

Structure and roadmap for the development of guidance on inventory

The following structure is proposed for the guidance on inventory, based on the existing guidance on the methodology for preparing inventories of emissions pursuant to Article 8.

- Background
- Steps to establish a releases inventory
- Initial steps: identify relevant point source categories and facilities releasing or potentially releasing mercury
- Collection of release information from individual facilities, including source and amounts of release when feasible
- Development of a release inventory database
- Making the data publicly accessible and searchable
- UNEP Inventory Toolkit

The development of guidance following this structure will not take much time. The methodologies for release estimation are basically determined already, and therefore the remaining work is to establish required releases calculation factors for relevant release scenarios for release source categories that do not already have such factors established in existing inventory tools.

Regarding the roadmap, there was a suggestion that since there will be a two-year period between COP3 and COP4, a roadmap may include the development of draft guidance on BAT/BEP for releases, as required under Article 9, paragraph 7(a). In this manner, draft guidance on both BAT/BEP and inventories could be considered at COP-4. The group briefly discussed this proposal, and other suggestions were made such as requesting the expert group to review the technologies for controlling releases from wastewater treatment facilities or to discuss which source categories may require guidance on BAT/BEP.

コメントの追加 [m1]: Wastewater treatment is usually controlled by effluent limit rather than BAT/BEP in most countries. Handling of mining wastes may be suitable for BAT/BEP approach as release limit value is sometimes not practical.



The following roadmap is proposed, in order to develop a draft guidance on standardized and known methodologies for preparing inventories for the sources included in the list.

Proposed roadmap for the development of release inventory guidance

	1
Secretariat to circulate a call to parties and other stakeholders to submit existing information	January 2020
on factors to calculate release from the identified source categories. This will include	
contacts with relevant industrial associations and invitation for them to participate in the	
work of the group of technical experts.	
Secretariat to draft a general guidance for release inventories.	March 2020
The group of technical experts to review the submissions and draft general guidance. The	April 2020
group will advise the secretariat on further information collection.	-
Draft general guidance to be posted on the Convention website for comments.	May 2020
Further information collection	May-August 2020
Secretariat to compile information including release calculation factors.	September 2020
The group of technical experts to finalize the draft general guidance and review the	September 2020
information including release calculation factors.	_
The draft general guidance, release calculation factors and other relevant information posted	November 2020
on the Convention website.	
Pilot use of the guidance by several parties to estimate mercury releases.	December 2020 -
	March 2021
The group of technical experts to review the outcome from the pilot.	April 2020
Draft report of the intersessional work, including a proposed roadmap for the development	May 2020
of guidance on BAT/BEP, to be posted on the Convention website for comment	
Report to COP 4 finalized.	July 2020