



COP ONLINE EVENT



ROAD TO OEWG 2 | SPP-CWP SERIES

Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action

9 October 2023 | 13:00 - 14:00 CEST | Online | Webex >>> tiny.cc/GEN9Oct23



Technical Information

- Throughout the event, you may raise your questions in the Q&A box
- Automatically translated subtitles in many languages are available through the captions button on the bottom left of your screen
- The recording, summary and documents will be made available on the event's website





**ENGLISH CAPTIONS CAN BE
ACTIVATED BY CLICKING ON THE
BOTTON ON THE LEFT-SIDE OF THE
BOTTOM BAR ON THE SCREEN**



COP-5 ONLINE EVENTS
9 to 13 October 2023

Schedule

Time	Monday 9 October	Tuesday 10 October	Wednesday 11 October	Thursday 12 October	Friday 13 October
11:00 - 12:00 CEST		Sharing the results of the Scientific Information Exchange Programme, Strengthening the legal framework and institutional capacities of WCOs meeting (Doregel, Burke, Fazio & Topo)		Addressing the pollution and Resilience from systems in action (UNEP & BR)	
12:00 - 14:00 CEST	Science Policy Brief on Chemicals, Metals and Substitutes, Addressing the Language Barrier to the Action Plan (ICD)	Information Session on progress of work and budget (Parties only)		Addressing the international mercury trade, A critical challenge for protection of indigenous peoples' health (UNEP)	Mercury release in small scale artisanal and small scale gold mining (ASGM) and mercury abatement in Sri Lanka (No Lariva)
14:00 - 15:45 CEST	Chemicals and metals: Addressing the mercury trade in products (The World Alliance & DTP, Zambia)	Information Session on progress of work and budget (Parties only)	Information Session on progress of work and budget (Parties only)	Addressing the global mercury trade in steel-making (Uganda & ZIMMO)	Mercury release in small scale artisanal and small scale gold mining (ASGM) and mercury abatement in Sri Lanka (No Lariva)
16:00 - 17:30 CEST	Addressing the mercury trade in products (The World Alliance & DTP, Zambia)	Addressing the mercury trade in products (The World Alliance & DTP, Zambia)	Addressing the mercury trade in products (The World Alliance & DTP, Zambia)	Addressing the mercury trade in products (The World Alliance & DTP, Zambia)	Addressing the mercury trade in products (The World Alliance & DTP, Zambia)
17:45 - 18:45 CEST	Mercury Management: The mercury industry and mercury in products (The World Alliance & DTP, Zambia)	Mercury Management: The mercury industry and mercury in products (The World Alliance & DTP, Zambia)	Mercury Management: The mercury industry and mercury in products (The World Alliance & DTP, Zambia)	Mercury Management: The mercury industry and mercury in products (The World Alliance & DTP, Zambia)	Mercury Management: The mercury industry and mercury in products (The World Alliance & DTP, Zambia)

NOTE: Online Events tend to last around 60 minutes. Participants are expected to attend from the start to the end of the event.

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11:00 – 12.00 CEST		Sharing the results of the Specific International Programme: Strengthening the legal framework and institutional capacities of ECOWAS countries (Senegal, Burkina Faso & Togo)		Addressing Hg pollution and biodiversity: from science to action (UNEP & BRI)	
13:00 – 14.00 CEST	Science Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action (GEN)	Separating the need for a phase-out of mercury-added products (MAPs) from the challenges of collecting, storing, management and disposal of MAPs in an environmentally sound manner (Botswana & Burkina Faso)	Information session on programme of work and budget (Parties only)	Restricting the international mercury trade: A critical measure for protection of indigenous peoples' human rights (IPEN)	Mercury usage in small scale jewellery manufacturing sector and introducing non-mercury, environmentally friendly alternatives in Sri Lanka (Sri Lanka)
14:45 – 15.45 CEST	Phasing out dental amalgam: An emerging need to eliminate mercury in products (The World Alliance & EHF, Zambia)	Catalyzing project impact and visibility through knowledge-driven capacity-building (Minamata Convention Secretariat)	Specific International Programme: Achievements and Impacts of Second Round Projects from Around the World (Minamata Convention Secretariat)	Addressing the Global Mercury Crisis in Skin Lightening Products (Uganda & ZMWG)	Mercury-Free Lighting - Multiple pathways to compliance (CLASP & SDPI, Pakistan)
16:30 – 17.30 CEST	Mercury and Vulnerable Peoples: Pathways to Protection (UNEP)	Reinforcing the health sector's commitment to the implementation of the Minamata Convention on Mercury: The showcase of GEF-UNEP-WHO projects on mercury-added products (WHO)	Advancing a Rights-based Approach to Addressing Mercury Contamination (OHCHR)	AMAP 2021 Assessment of Mercury in the Arctic: Findings relevant to the Minamata Convention & Norway's Mercury Assessment (Norway & AMAP)	Turkish National Integrated Marine Pollution Monitoring Program (DEN-İZ) and PRTR Experience of Türkiye (Türkiye)
17:45 – 18.45 CEST	Mercury Management: First temporary mercury storage unit and protocol of implementation in Colombia (Pure Earth)	Navigating uncharted waters towards Mercury-Free SIDS (BRI)	Intercultural Dialogues: the role of Amazonian indigenous governments towards effective implementation of the Minamata Convention (Gaia Amazonas Foundation, Colombia)	Accelerating the Phase Down of Dental Amalgam: Progress Continues (IADR)	Identification of mining sites: processing and tailings through the use of drones (Costa Rica)

NOTE: Online Events seek to take account of global time zones. Organizers are expected to strictly keep to the schedule.

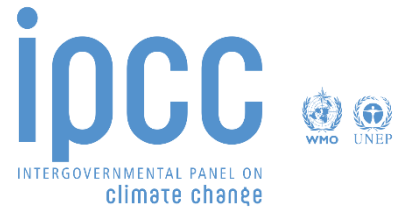


WEBINAR SERIES | ROAD TO OEWG 2

**Science-Policy Panel to Contribute Further
to the Sound Management of Chemicals
and Waste and to Prevent Pollution**



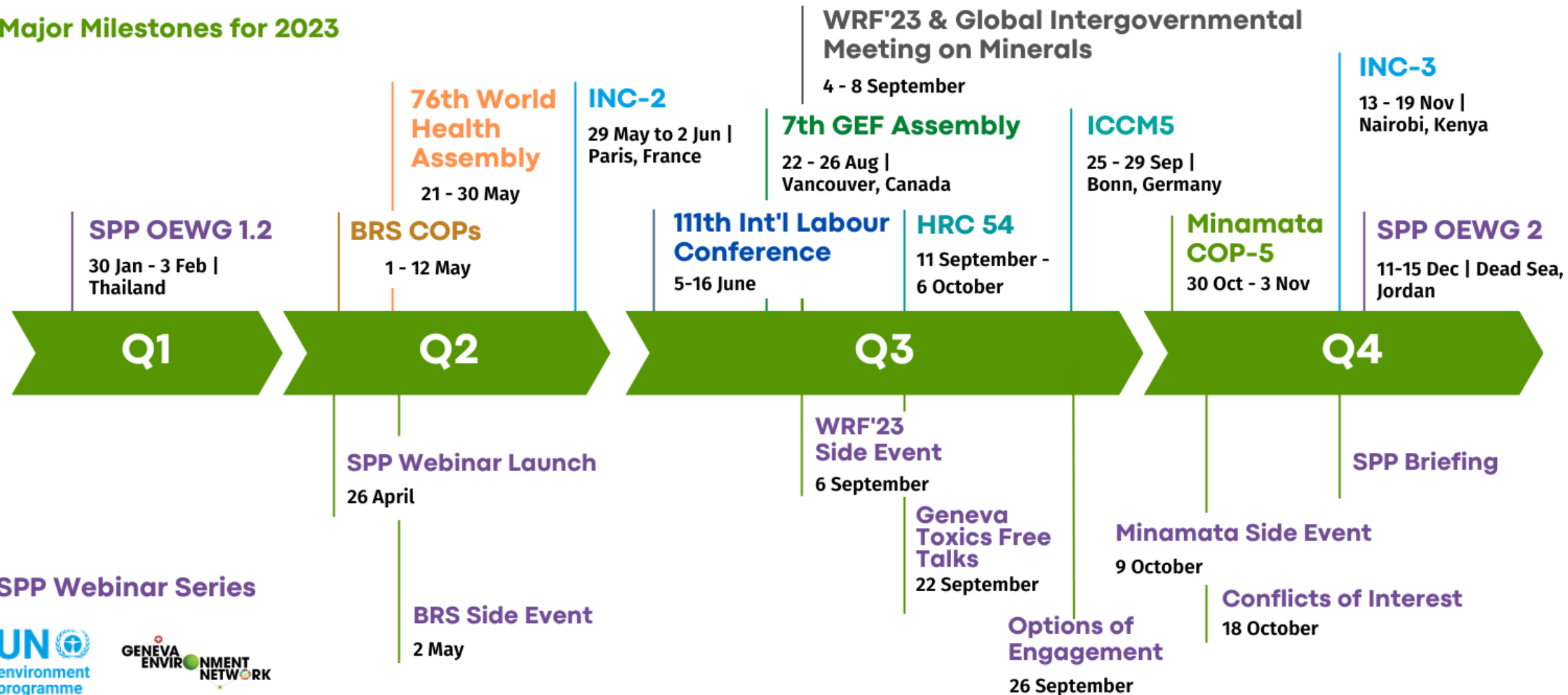
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The science is crystal clear that we are putting extreme pressures on the planet.

Towards OEWG 2 on a science-policy panel on chemicals, waste and pollution prevention

Major Milestones for 2023



SPP Webinar Series



Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action



9 OCT 2023 | 13:00 - 14:00 CEST
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SPEAKERS



Gudi ALKEMADE



Chair, OEWG | Deputy Permanent Representative to UN Environment Programme, Netherlands



Maria NEIRA



Director, Department of Environment, Climate Change and Health, World Health Organization



Marianne BAILEY



Senior Coordination Officer, Minamata Convention Secretariat



Noriyuki SUZUKI



National Institute for Environmental Studies (NIES), Japan



Nalini SHARMA



Programme Management Officer, UNEP | Moderator



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Monika STANKIEWICZ



Executive Secretary, Minamata Convention on Mercury



Bernardo ROCA-REY



Minister-Counsellor, Permanent Mission of Peru to the United Nations and other international organizations in Geneva | Responsible for Health & Environment



Lesley J ONYON



Head, Chemical Safety and Health Unit, World Health Organization



Rina GUADAGNINI



Senior Mercury Policy Officer, European Environmental Bureau



Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action



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AGENDA

Moderated by Nalini SHARMA, Programme Management Officer, UNEP

Opening Remarks

- Monika STANKIEWICZ | Executive Secretary, Minamata Convention on Mercury
- Maria NEIRA | Director, Department of Environment, Climate Change and Health, World Health Organization

Building Linkages from Science to Support Action with the Mercury and Health Communities

- Bernardo ROCA-REY | Minister-Counsellor, Permanent Mission of Peru to the UN and other international organizations in Geneva | Responsible for Health & Environment
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Q&A

Closing Remarks

- Gudi ALKEMADE | Chair, OEWG | Deputy Permanent Representative to UNEP, Netherlands



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Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action



Nalini SHARMA

Programme Management Officer,
UN Environment Programme | Moderator



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Opening Remarks



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Maria NEIRA

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Building Linkages from Science to Support Action with the Mercury and Health Communities



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Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action



Bernardo ROCA-REY



Minister-Counsellor, Permanent Mission of Peru to the United Nations and other international organizations in Geneva | Responsible for Health & Environment



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Marianne BAILEY

Senior Coordination Officer,
Minamata Convention Secretariat



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Science Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action

Marianne Bailey
Secretariat of the Minamata Convention on Mercury
Geneva Environment Network Online | Webex
Monday, 9 October 2023, 13:00 – 14:00 (CEST)

Intersessional Processes: Two examples

Mercury-added products and industrial processes using mercury

- ▶ Intersessional work leading to **COP-4 decision** to add eight product categories to be phased out by 2025, and two new mandatory measures on dental amalgam.
- ▶ **Amended Annex A entered** into force on 28 September 2023 for parties who did not opt out.
- ▶ Intersessional work following COP-4 to prepare for **consideration at COP-5 of:**
 - ▶ Three amendment proposals
 - ▶ Phase-out dates for four additional mercury-added products listed in decision MC-4/3
 - ▶ Adding the production of polyurethane using mercury-containing catalysts to part I of annex B to the Convention
 - ▶ Whether mercury-free alternatives for two Annex B processes (vinyl chloride monomer, sodium or potassium methylate or ethylate) have become technically and economically feasible

Artisanal and small-scale gold mining

- ▶ Intersessional process to gather the **needs and priorities of Indigenous Peoples on mercury use in ASGM**
- ▶ The Indigenous Peoples Platform and other elements of work pursuant to decision MC-4/4
- ▶ Also looked at aspects of FPIC, alternative livelihoods, trade of mercury destined for ASGM
- ▶ Possible supplemental information in **guidance** on the engagement of Indigenous peoples and on conducting implementation reviews, required of all Parties that undertake National Action Plans for ASGM. **COP-4 had adopted new guidance sections on health strategies developed by WHO**

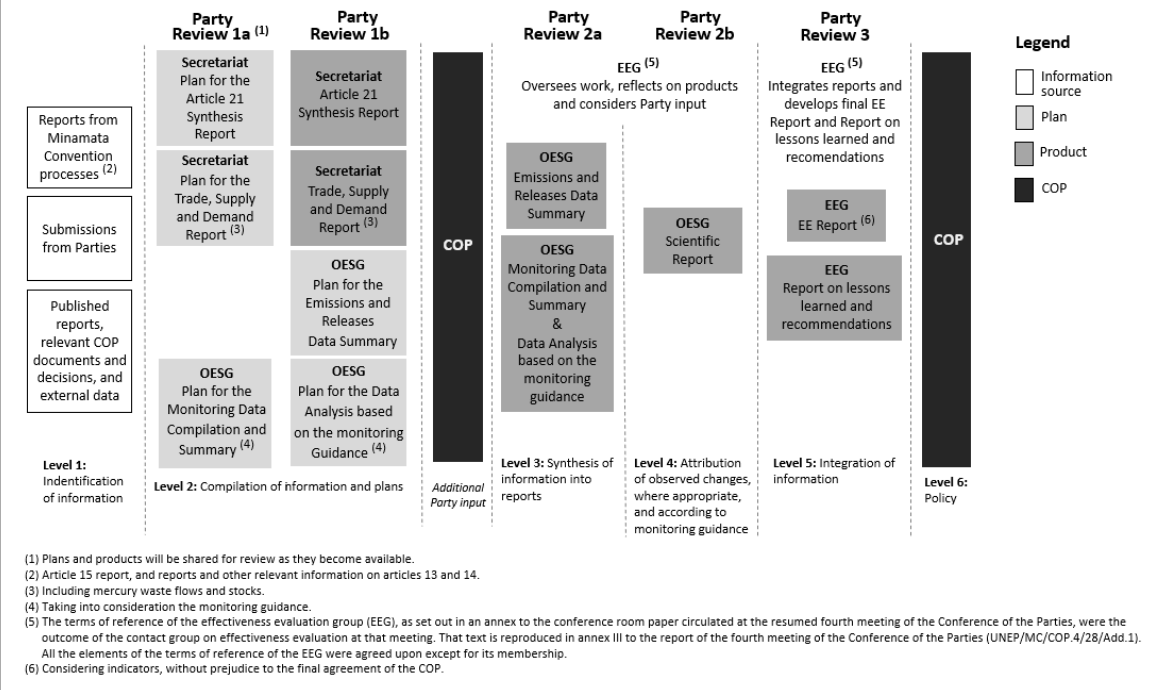


The Indigenous Peoples Platform of the Minamata Convention on Mercury aims to bring together Indigenous voices to promote the full and effective participation of Indigenous Peoples in the work of the Minamata Convention to put an end to mercury pollution.



Effectiveness Evaluation

Framework for the evaluation of the effectiveness of the Minamata Convention on Mercury



Decision MC-4/11:

- Agreed to start the first effectiveness evaluation.
- Adopted the **framework** for the first effectiveness evaluation.
- Established the **Open-Ended Scientific Group**
- Established the TOR of the Effectiveness Evaluation Group, except for its membership


Outstanding matters for decision at COP-5:

- End date of the first effectiveness evaluation.
- Establishment of the Effectiveness Evaluation Group.
- Adoption of indicators



Mercury and the Kunming-Montreal Global Biodiversity Framework

- ▶ COP-4 called for report on how the Convention could contribute to the post-2020 GBF
- ▶ The Secretariat identified opportunities for enhancing mutually supportive implementation and identified activities for COP-5 consideration
- ▶ The COP may wish to invite the Expert Group on Indicators for the GBF to include, under Target 7, an indicator related to highly hazardous chemicals
- ▶ INF/27: analysis of the mutually supportive implementation of the Minamata Convention on Mercury and the Kunming-Montreal Global Biodiversity Framework Study



Target 7: Reduce pollution risks and the negative impact of pollution from all sources, by 2030, [...] reducing the overall risk of **highly hazardous chemicals** by at least half...

Mercury supply sources and trade

- ▶ Eliminating primary mercury mining
- ▶ Identifying supply sources and stocks of mercury,
- ▶ Implementing the consent regime for imports and exports of elemental mercury, including use of the trade forms
- ▶ Addressing illegal trade in mercury
- ▶ Separate from the Article 3 consent regime, must also continue work on controlling trade in mercury-added products



Mercury emissions to air

- ▶ Emissions from major sources
- ▶ Coal-fired power
- ▶ Non-ferrous metals
- ▶ Cement
- ▶ Waste incineration



Capacity-building, technical assistance and technology transfer partnerships and joint efforts

Knowledge Management, digital ecosystems, dashboards and partnerships



MINAMATA
CONVENTION
ON MERCURY

Thank you for your attention

Secretariat of the Minamata Convention on Mercury
United Nations Environment Programme
11-13, Chemin des Anémones - 1219 Châtelaine, Switzerland

WEB: www.mercuryconvention.org
MAIL: MEA-MinamataSecretariat@un.org
TWITTER: [@minamataMEA](https://twitter.com/minamataMEA)
[#MakeMercuryHistory](https://twitter.com/minamataMEA)

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Building Linkages from Science to Support Action with the Mercury and Health Communities

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Lesley J ONYON

Head, Chemical Safety and Health Unit, World Health Organization



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Noriyuki SUZUKI

National Institute for Environmental Studies (NIES), Japan



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Importance of sound science across all relevant national and international structures

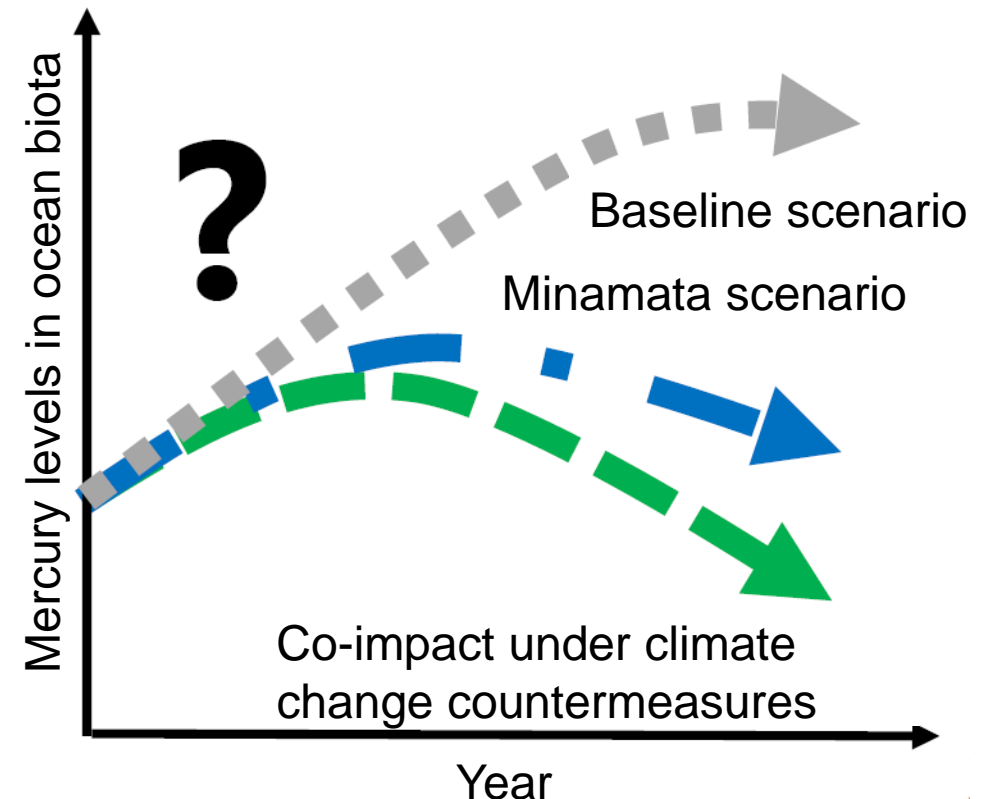
Noriyuki SUZUKI

National Institute for Environmental Studies, Japan



An example: From socio-economic scenarios to human exposure to mercury via aquatic biota species

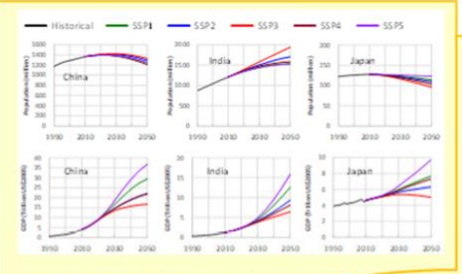
- Our research project
 - to assess how different scenarios impact human exposure to mercury
- Study design
 - Baseline and intervention scenario-based emissions and material flows
 - Analysis of the global mercury fate and exposure
 - Impact of the Minamata Convention and countermeasures



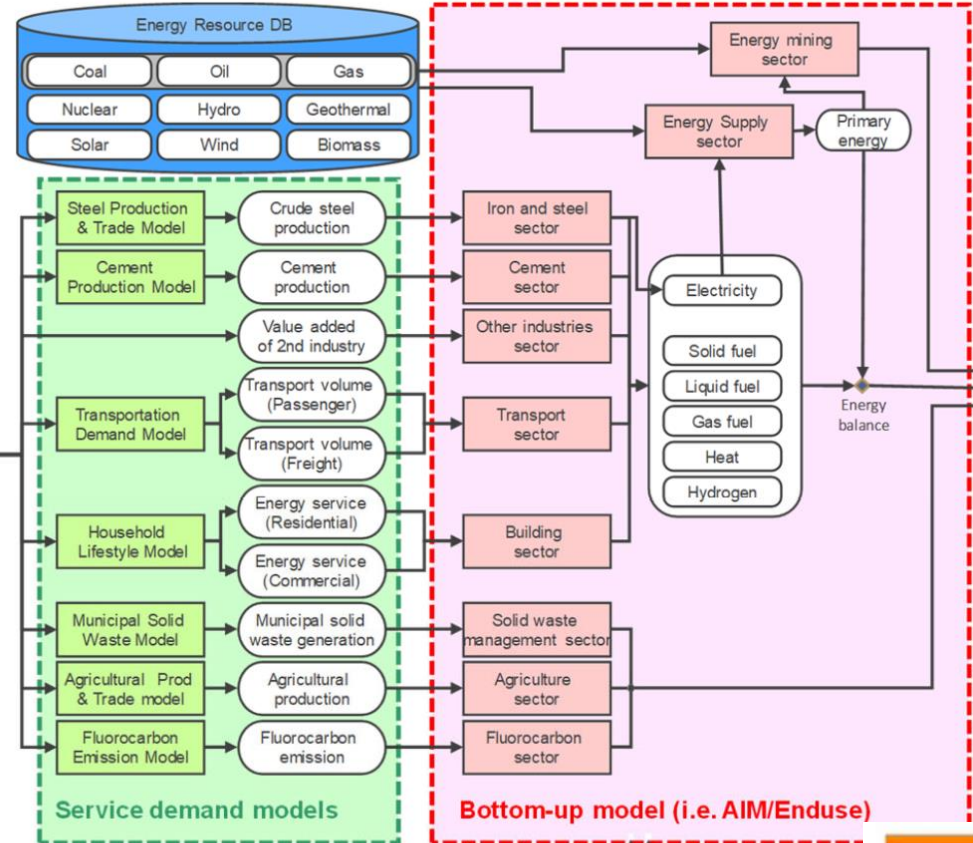
Translated and summarized by the author from ERCA, Environmental Restoration and Conservation Agency of Japan.

https://www.erca.go.jp/suishinhi/seika/db/search.php?research_word=&research_category%5B%5D=senryaku2&research_year=2020&research_number=&research_status=finish&sort_1=doc_number+ASC#result

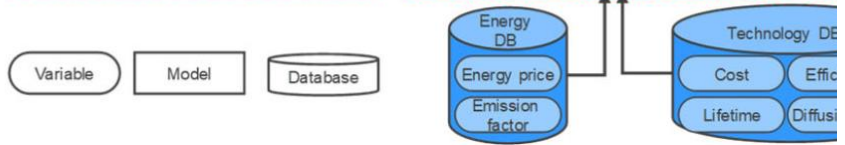
Qualitative or quantitative



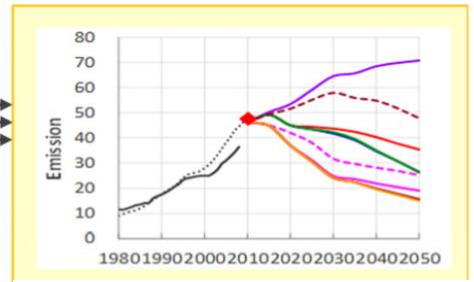
Socioeconomic Scenario



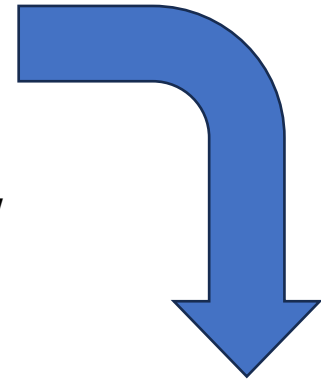
Bottom-up model (i.e. AIM/Enduse)



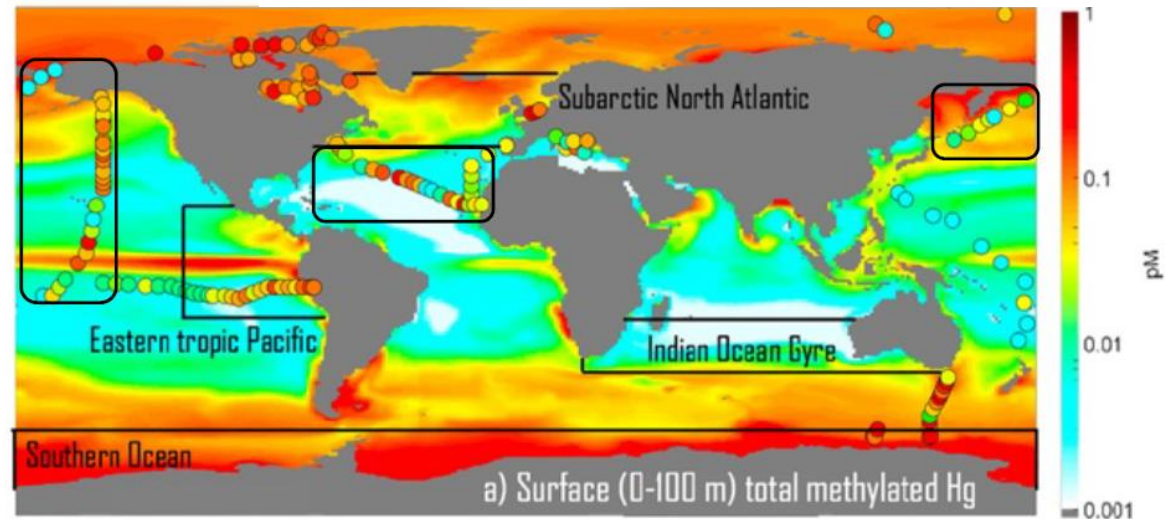
Change of mercury emissions



AIM/Enduse and material flow and supply chain models



Global methylmercury levels in the ocean

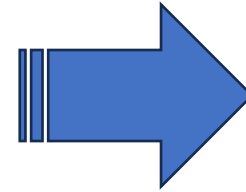
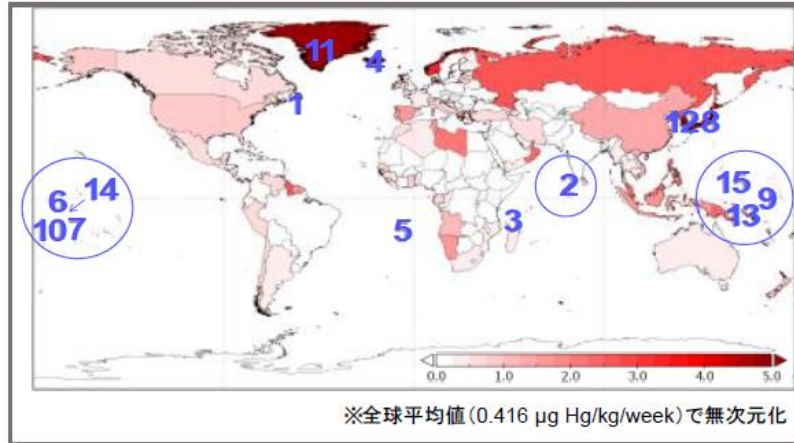
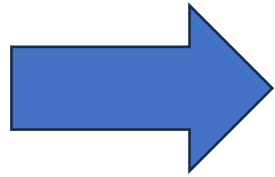


a) Surface (0-100 m) total methylated Hg

(Zhang et al., 2020)

Scientific work:
 Socio-economic scenarios – AIM/Enduse
 material flow models – Global fate and
 transport models

Geographical distribution of methylmercury exposure to humans from ocean biota



Health impact?
Environmental impact?
Socio-economic outcomes?

- Scientific work reflects a variety of national and international social-economic activities.
 - Scenario, emissions, controls, ... → national, UNEP, IPCC, OECD, ...
 - Global fate, exposure, impact, ... → atmosphere, ocean, biota, modeling, health sciences, ...
 - Impact on humans and the environment, ... → national, WHO, FAO, ...
- Any single existing national or organizational activities may not cover all necessary sciences within the boundaries of their original mandates.
- The Minamata Convention may cover many aspects on mercury, but this is **not** the case for many other chemicals and waste issues
 - Industrial chemicals, e.g., PFAS, plastic additives, ...
- Holistic scientific views should be an effective way to show sound, neutral and objective understandings on how the whole structures work together

SPP for chemicals, waste & pollution

Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action



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Who we are



ABOUT THE EEB

The EEB is Europe's largest network of environmental citizens' organisations. We bring together over 180 member organisations from 40 countries. We stand for sustainable development, environmental justice & participatory democracy.


1974
EEB's CREATION


40
COUNTRIES


180
MEMBER
ORGANISATIONS

ABOUT THE ZMWG

The ZMWG is an international coalition of more than 110 public interest environmental and health non-governmental organizations from over 55 countries from around the world.

Aim: Reduce/eliminate mercury supply, use, emissions, exposure, implementing the Minamata Convention



2005
ZMWG
creation



> 55
Countries



> 110
Member
organisations



Civil Society Organizations in SPP



- CSOs could help SSP to identify a wider range of data to include.
- Working on the ground CSOs can focus on emerging environmental issues earlier than traditional environmental oversight bodies. Example: ZMWG collecting data about Skin Lightening Products.
- CSOs' inclusions will ensure more transparency about scientific information and analysis used to support policy decisions
- Risk tolerance or ethical concerns are not strictly scientific issues but they need participation from the full range of society to properly use science to make policy



SPP in support of CSOs



- Make science easily available, more accessible and understandable for CSOs but especially for local Governments
- Capacity building on the ground involving local scientist and training local experts
- Technology transfer give the possibility to produce data at local, regional level



Skin lightening products



- ZMWG has been collecting information on it for several years discovering that a lot of illegal products can be bought easily online making hard the control and the protection of the population <https://www.zeromercury.org/mercury-added-skin-lightening-creams-campaign/>
- Partner NGOs have produced data, knowledge and awareness
- Local Governments react on local issues

Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action



9 OCT 2023 | 13:00 - 14:00 CEST
ONLINE | WEBEX

tiny.cc/GEN9Oct23

AGENDA

Moderated by Nalini SHARMA, Programme Management Officer, UNEP

Opening Remarks

- Monika STANKIEWICZ | Executive Secretary, Minamata Convention on Mercury
- Maria NEIRA | Director, Department of Environment, Climate Change and Health, World Health Organization

Building Linkages from Science to Support Action with the Mercury and Health Communities

- Bernardo ROCA-REY | Minister-Counsellor, Permanent Mission of Peru to the UN and other international organizations in Geneva | Responsible for Health & Environment
- Marianne BAILEY | Senior Coordination Officer, Minamata Convention Secretariat
- Lesley J ONYON | Head, Chemical Safety and Health Unit, World Health Organization
- Noriyuki SUZUKI | National Institute for Environmental Studies (NIES), Japan
- Rina GUADAGNINI | Senior Mercury Policy Officer, European Environmental Bureau

Q&A

Closing Remarks

- Gudi ALKEMADE | Chair, OEWG | Deputy Permanent Representative to UNEP, Netherlands



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COP ONLINE EVENT



Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action

CLOSING REMARKS



COP ONLINE EVENT



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Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action



Gudi ALKEMADE

Chair, OEWG | Deputy Permanent Representative to UN Environment Programme, Netherlands



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THANK YOU FOR JOINING!



Gudi ALKEMADE



Chair, OEWG | Deputy Permanent Representative to UN Environment Programme, Netherlands



Maria NEIRA



Director, Department of Environment, Climate Change and Health, World Health Organization



Marianne BAILEY



Senior Coordination Officer, Minamata Convention Secretariat



Noriyuki SUZUKI



National Institute for Environmental Studies (NIES), Japan



Nalini SHARMA



Programme Management Officer, UNEP | Moderator



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Rina GUADAGNINI



Senior Mercury Policy Officer, European Environmental Bureau



Photo by IISD/ENB | Sean Wu.



Towards the 5th Meeting of the Conference of the Parties to the Minamata Convention on Mercury

30 October - 3 November 2023 | CICG | #MinamataCOP5 >>> tiny.cc/GENMinamataCOP5

COP-5 ONLINE EVENTS

9 to 13 October 2023



Schedule

Time	Monday 9 October	Tuesday 10 October	Wednesday 11 October	Thursday 12 October	Friday 13 October
11:00 – 12.00 CEST		Sharing the results of the Specific International Programme: Strengthening the legal framework and institutional capacities of ECOWAS countries (Senegal, Burkina Faso & Togo)		Addressing Hg pollution and biodiversity: from science to action (UNEP & BRI)	
13:00 – 14.00 CEST	Science Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action (GEN)	Separating the need for a phase-out of mercury-added products (MAPs) from the challenges of collecting, storing, management and disposal of MAPs in an environmentally sound manner (Botswana & Burkina Faso)	Information session on programme of work and budget (Parties only)	Restricting the international mercury trade: A critical measure for protection of indigenous peoples' human rights (IPEN)	Mercury usage in small scale jewellery manufacturing sector and introducing non-mercury, environmentally friendly alternatives in Sri Lanka (Sri Lanka)
14:45 – 15.45 CEST	Phasing out dental amalgam: An emerging need to eliminate mercury in products (The World Alliance & EHF, Zambia)	Catalyzing project impact and visibility through knowledge-driven capacity-building (Minamata Convention Secretariat)	Specific International Programme: Achievements and Impacts of Second Round Projects from Around the World (Minamata Convention Secretariat)	Addressing the Global Mercury Crisis in Skin Lightening Products (Uganda & ZMWG)	Mercury-Free Lighting - Multiple pathways to compliance (CLASP & SDPI, Pakistan)
16:30 – 17.30 CEST	Mercury and Vulnerable Peoples: Pathways to Protection (UNEP)	Reinforcing the health sector's commitment to the implementation of the Minamata Convention on Mercury: The showcase of GEF-UNEP-WHO projects on mercury-added products (WHO)	Advancing a Rights-based Approach to Addressing Mercury Contamination (OHCHR)	AMAP 2021 Assessment of Mercury in the Arctic: Findings relevant to the Minamata Convention & Norway's Mercury Assessment (Norway & AMAP)	Turkish National Integrated Marine Pollution Monitoring Program (DEN-İZ) and PRTR Experience of Türkiye (Türkiye)
17:45 – 18.45 CEST	Mercury Management: First temporary mercury storage unit and protocol of implementation in Colombia (Pure Earth)	Navigating uncharted waters towards Mercury-Free SIDS (BRI)	Intercultural Dialogues: the role of Amazonian indigenous governments towards effective implementation of the Minamata Convention (Gaia Amazonas Foundation, Colombia)	Accelerating the Phase Down of Dental Amalgam: Progress Continues (IADR)	Identification of mining sites: processing and tailings through the use of drones (Costa Rica)

NOTE: Online Events seek to take account of global time zones. Organizers are expected to strictly keep to the schedule.





COP ONLINE EVENTS

GEN @ MINAMATA COP-5



MINAMATA CONVENTION ON MERCURY COP ONLINE EVENT UN@ GENEVA ENVIRONMENT NETWORK

ROAD TO OEWG 2 | SPP-CWP SERIES

Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action

9 October 2023 | 13:00 - 14:00 CEST | Online | Webex >>> tiny.cc/GEN9Oct23

**9 October 2023
13:00 CEST**



MINAMATA CONVENTION ON MERCURY COP ONLINE EVENT UN@ GENEVA ENVIRONMENT NETWORK

Catalyzing Project Impact and Visibility Through KNOWLEDGE-DRIVEN CAPACITY-BUILDING

10 October 2023 | 14:45-15:45 CEST | ONLINE | WEBEX

>>> tiny.cc/GEN10Oct23

**10 October 2023
14:45 CEST**



MINAMATA CONVENTION ON MERCURY COP ONLINE EVENT UN@ GENEVA ENVIRONMENT NETWORK UNECE

Advancing a Rights-based Approach to Addressing Mercury Contamination

11 October 2023 | 16:30-17:30 CEST | Webex >>> tiny.cc/GEN11Oct23

**11 October 2023
16:30 CEST**

>>> tiny.cc/GENMinamataCOP5

WHAT'S NEXT?

 genevaenvironmentnetwork.org



CONFERENCE
Perspectives on Solar Radiation Modification Governance
12 OCT 2023 10:00 - 12:00
International Environment House 2 & Online | Webex
GEN

Science
SDG13



CONFERENCE
Briefing on the 3rd Session of the Intergovernmental Negotiating Committee to Develop an International Legally Binding Instrument on Plastic Pollution (Plastic Pollution INC-3)
12 OCT 2023 14:00 - 15:30
International Environment House II & Online | Webex
GEN

Chemicals and Pollution | Plastics
SDG3 | SDG12



BRIEFING

CONFERENCE
Briefing on the 77th meeting of the CITES Standing Committee
17 OCT 2023 10:00 - 12:00
International Environment House II
CITES, GEN

Nature | Trade and Environment
SDG14 | SDG15



COP ONLINE EVENT



ROAD TO OEWG 2 | SPP-CWP SERIES

Science-Policy Panel on Chemicals, Waste and Pollution Prevention: Building the Linkages from Science to Action

9 October 2023 | 13:00 - 14:00 CEST | Online | Webex >>> tiny.cc/GEN9Oct23