Chemicals and Waste Issues of Concern: Tackling Future Priorities

15 JUNE 2023 | 13:00 - 14:30 CEST | IEH II & ONLINE

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UNEA RESOLUTION ON SOUND MANAGEMENT OF CHEMICALS AND WASTE

Resolution adopted by the United Nations Environment Assembly on 2 March 2022

5/7. Sound management of chemicals and waste

The United Nations Environment Assembly,

Recognizing that the achievement of the Sustainable Development Goals is threatened by an array of escalating and mutually reinforcing environmental risks, and that, given the linkages between climate change, loss of biodiversity, land degradation, and air, water and soil pollution, it is essential to address these problems in an integrated manner consistent with the mandates and priorities of existing multilateral environmental agreements,

Emphasizing the cross-cutting relevance of the sound management of chemicals and waste to many of the goals and targets of the 2030 Agenda for Sustainable Development, including for human health, sustainable consumption and production patterns, climate change and biodiversity,
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 BUTTON ON THE LEFT-SIDE OF THE BOTTOM BAR ON THE SCREEN
AGENDA

Moderated by Manol AZZI | Team Lead on Occupational Safety and Health, ILO

Opening
- Sheila AGGARWAL-KHAN | Director, Industry Economy Division, UNEP
- Michel TSCHIRREN | Waste and Chemicals Focal Point, Federal Office for the Environment, Switzerland

Overview of Consultation Process | Chemicals and Waste Issues of Concern
- Ludovic BERNAUDAT | Head of Knowledge and Risk Unit, UN Environment Programme

Panel I - Prioritizing Issues of Concern: Which of these are critical to address now?
- Bob DIDERICH | Head of Division, Environment Directorate, Organisation for Economic Cooperation and Development
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Panel II - Tackling Issues of Concern: Which of these are most actionable?
- Bernardo ROCA-REY | Minister-Counsellor, Permanent Mission of Peru to the international organizations in Geneva | Responsible for Health & Environment
- Juergen HELBIG | International Chemicals Policy Coordinator, Safe and Sustainable Chemicals Unit, DG Environment, European Commission
- Kei OHNO WOODALL | Senior Programme Management Officer, Basel, Rotterdam and Stockholm Conventions Secretariat
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Closing
- John ROBERTS | Senior Consultant
- Sheila AGGARWAL-KHAN | Director, Industry Economy Division, UNEP
Manal AZZI
Team Lead on Occupational Safety and Health, International Labour Organization | Moderator
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CHEMICALS AND WASTE ISSUES OF CONCERN: TACKLING FUTURE PRIORITIES | 15 JUNE 2023 | 13:00 - 14:30 CEST
Chemicals and Waste Issues of Concern: Tackling Future Priorities

Jacqueline Alvarez
Chief, Chemicals and Health Branch
UNEP

15 June 2023
The global goal to minimize adverse impacts of chemicals and waste will not be achieved by 2020. Solutions exist, but more ambitious worldwide action by all stakeholders is urgently required.

4. Benefits of action

5. Progress of International treaties and voluntary instruments has been uneven

7. Significant resources can be saved by sharing knowledge

10. Global knowledge gaps can be filled
The Resolution Request UNEP to:

- Sub paragraph (e): Follow trends in the design, production, use and release of chemicals and the generation of waste in order to identify issues of concern for future editions of the Global Chemicals Outlook and the Global Waste Management Outlook and catalyse sound management actions;

- “Prepare, by 30 April 2020, a report on matters in which emerging evidence indicates a risk to human health and the environment, identified by the Strategic Approach to International Chemicals Management, the Global Chemicals Outlook and under subparagraph (e) above, including an analysis of existing regulatory and policy frameworks and their ability to address those matters in the achievement of the 2020 goal, in particular for lead and cadmium”
# Issues of Concern from the Assessment report

## Chapter 3 – Issues of Concern under SAICM

1. Chemicals in products (CiP)
2. Endocrine-disrupting chemicals (EDCs)
3. Environmentally persistent pharmaceutical pollutants (EPPPs)
4. Hazardous substances within the life cycle of electrical and electronic products (HSLEEP)
5. Highly hazardous pesticides (HHPs)
6. Lead in paint
7. Nanotechnology and manufactured nanomaterials
8. Per- and polyfluoroalkyl substances (PFASs) and the transition to safer alternatives.

## Chapter 4 – Issues of Concern identified by GCO-II

1. Arsenic
2. Bisphenol A (BPA)
3. Cadmium
4. Glyphosate
5. Lead
6. Intentionally Added Microplastics in Products
7. Neonicotinoids
8. Organotins
9. Phthalates
10. Polycyclic aromatic hydrocarbons (PAHs)
11. Triclosan
Issues of concern from the Assessment report


September 2020
UNEA Mandates

The Resolution

March 2019

UNEA Resolution 4 / 8

Welcomed the publication of Global Chemicals Outlook II

The Resolution Request UNEP to...

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March 2022

UNEA Resolution 5 / 7

Welcomed the Issues report, urged member states and invited other stakeholders to take further action.

- Seek views from Member States and other stakeholders, while ensuring sufficient time for their consideration, on priorities for further work, building on existing measures and initiatives, and on potential further international action on the issues discussed in the Assessment Report on Issues of Concern, and in particular on those issues identified in the Global Chemicals Outlook II and
to prepare a summary analysis, taking into account the views received for consideration by the Environment Assembly and by other international bodies, including the International Conference on Chemicals Management, as appropriate
Consultation process to address the UNEA resolution 5/7

Timeline

- April: Information sharing webinar
- June: Launch call for written inputs and GEN Event: Tackling Future Priorities
- July: Global Consultation on Issues of Concern
- Sep: Initial summary of views to inform ICCM5

Timeline cont.

- Sep-Dec: Summary analysis on issues of concern
- Feb 2024: UNEA 6

Available resources online

- Assessment Report on Issues of Concern + Annexes
- Catalogue of International Actions on Chemicals and Waste
- Fact sheets on Issues of concern
- SAICM Survey on emerging policy issues and other issues of concern
The 19 Issues of Concern

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Prioritizing Issues of Concern: Which of these are critical to address now?

Waste and Hazardous Substances Management Division,
Pollution Control Department, Thailand
Prioritizing Issues of Concern: Which of these are critical to address now?


- Highlighting our “Issues of Concern”
  - chemicals in products (CiP)
  - hazardous substances in the life cycle of electrical and electronic products (HSLEEP)
BCG model

**Agriculture**
- BCG-Naga Belt Road
  - Uplevel quality of life of 3,000 agriculturists in 4 provinces
  - Sticky rice products > 40 products

**Thung Kula Ronghai**
- Uplevel rice production of 5,197 agriculturists in 5 provinces
- Value-added rice processing 17.6 times
- Combine local identity with STI

**Innovative Industry**
- Biorefinery Pilot Plant at EECh
  - Modify biomass to high-valued products, eg. Biomaterials, biological chemicals and nutraceuticals

**BOI**
- The total value of BCG investment applications amounted to 640 billion baht (from 2017 to September 2022)

**BCG-Finance & Green Finance**
- Values > 1,500 billion baht (2022-2067 AD)

**Medical Hub**
- Medical Devices & Digital Platform
  - Medical services accessibility increased
  - COVID-19 Vaccine
  - Clinical trial phase & upscale to industrial scale

**Genomic Thailand**
- Increase efficiency in diagnosis, treatment & prescription
  - Active Pharmaceutical Ingredient (API)
  - Co-investment between public & private sector

**Tourism**
- Happy Model
  - Promote high quality tourism & subordinate cities
  - Carbon Neutral Tourism
  - Develop simple net carbon calculation for entrepreneurs, Hug Earth, Green Meeting
  - TAGTHAi
  - One-stop service travel platform
The Cabinet acknowledged the plan on 1 November 2022.

**Measure 1**

**Waste Management at Source**
- Eco Design Environmentally friendly products.
- Extended Producer Responsibility (EPR).
- Behavior and lifestyle changed.
- Develop a system or model that encourages people to separate waste at sources.

**Measure 2**

**Increase efficiency on waste disposal system**
- Promote and upgrade waste disposal sites.
- Encourage the private sector to invest in waste management.
- Strict control on waste disposal operations and including industrial waste disposal operations.
- Determine guidelines for new emerging waste management.

**Measure 3**

**Development of Waste Management Tools**
- Development of related laws promoting circular economy, especially EPR law.
- Driving legislation on management of electronic waste.
- Encourage all local governments to issue local ordinances for segregation at sources.
- R&D to support waste management.
"Together Possible"
ท่าจะมีกัน เราทำได้
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- Sheila AGGARWAL-KHAN | Director, Industry Economy Division, UNEP
- Michel TSCHIRREN | Waste and Chemicals Focal Point, Federal Office for the Environment, Switzerland

Overview of Consultation Process | Chemicals and Waste Issues of Concern
- Ludovic BERNAUDAT | Head of Knowledge and Risk Unit, UN Environment Programme

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- Melissa WANG | Senior Scientist, Greenpeace International and Honorary University Fellow, University of Exeter

Panel II – Tackling Issues of Concern: Which of these are most actionable?
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- Kei OHNO WOODALL | Senior Programme Management Officer, Basel, Rotterdam and Stockholm Conventions Secretariat
- Ahmad ANSARI | Partnerships Director, The ZDHC Foundation

Closing
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- Sheila AGGARWAL-KHAN | Director, Industry Economy Division, UNEP
Kei OHNO WOODALL

Senior Programme Management Officer,
Basel, Rotterdam and Stockholm
Conventions Secretariat

CHEMICALS AND WASTE ISSUES OF CONCERN: TACKLING FUTURE PRIORITIES | 15 JUNE 2023 | 13:00 - 14:30 CEST
AGENDA
Moderated by Manol AZZI | Team Lead on Occupational Safety and Health, ILO

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Chemicals and Waste Issues of Concern: Tackling Future Priorities

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THANK YOU!

Sheila AGGARWAL-KHAN
Director, Industry and Economy Division, UN Environment Programme

Bob DIDERICH
Head of Division, Environment Directorate, Organisation for Economic Cooperation and Development

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Manal AZZI
Team Lead on Occupational Safety and Health, International Labour Organization | Moderator
WHAT'S NEXT?

Environment @ 53rd Session of the UN Human Rights Council

08 JUN 2023

Green Summer in Geneva 2023
16 JUN - 15 SEP 2023
Geneva

Human Rights and Environment | Climate
SDG13

Nature | Science
SDG11 | SDG17