



Chemicals and Waste | From Science to Policy, Global Issues of Concern, Challenges and Opportunities

GEN UNEA Briefing, 20 October 2020

Generating and sharing knowledge



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.

TIME TO ACT

The 2020 goal will not be achieved: business as usual is not an option



4. The benefits of action



7. Significant resources can be saved



10. Global knowledge gaps can be filled

UNEP Resolution 4 / 8: Sound management of chemicals and waste



An assessment report on issues of concern;



An assessment of options for strengthening the science-policy interface at the international level for the sound management of chemicals and waste; and



An assessment on linkages with other clusters related to chemicals and waste management and options to coordinate and cooperate on areas of common interest.

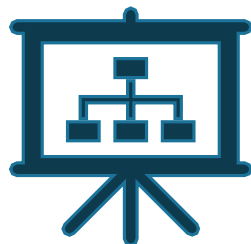
Requested by UNEA resolution 4/8 - Sound management of chemicals and waste

"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"

Assessment report on issues of concern

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;

Chapter 3 – Issues of Concern under SAICM	Chapter 4 - Issues Where Emerging Evidence Indicates Risks	Chapter 5 - A Thought Starter: Identifying Issues of Concern
<ol style="list-style-type: none">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 paint7. Nanotechnology and manufactured nanomaterials8. Per- and polyfluoroalkyl substances (PFASs) and the transition to safer alternatives.	<ol style="list-style-type: none">1. Arsenic2. Bisphenol A3. Cadmium4. Glyphosate5. Lead6. Intentionally Added Microplastics in Products7. Neonicotinoids8. Organotins9. Phthalates10. Polycyclic aromatic hydrocarbons (PAHs)11. Triclosan	Provides food for thought on how issues of concern might be identified at the international level, including within the new framework for SAICM and sound management of chemicals and waste and/or future editions of the Global Chemicals and Waste Management Outlooks.



Developed with financial support of Switzerland and technical support of ETH Zurich, Wood Plc and Mr. John Roberts in consultation with IOMC organizations and MEAs Secretariats

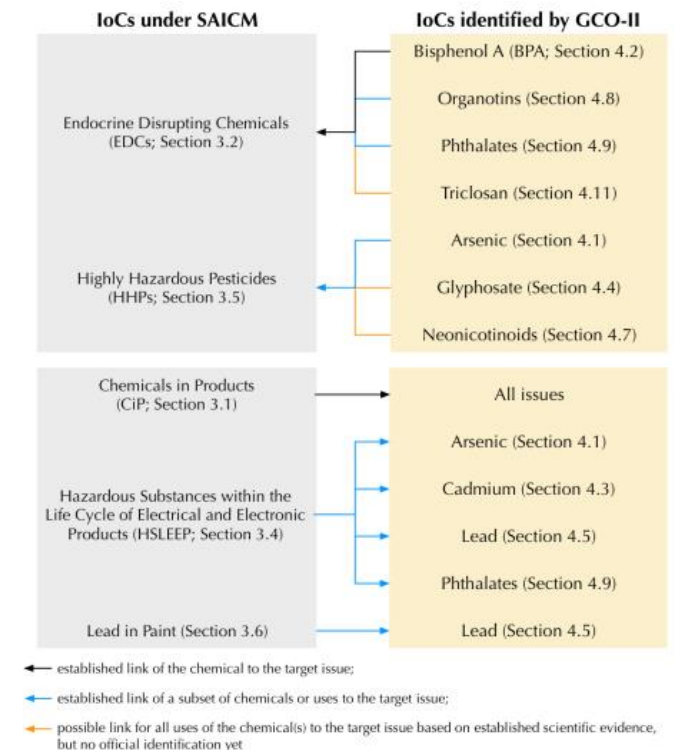
- Reviews current regulatory and policy frameworks, assesses current exposures, provides background information and builds on the GCO-II

Assessment report on issues of concern – key messages

"While progress has been made, the global goal to achieve sound management of chemicals and waste by 2020 has not been reached."

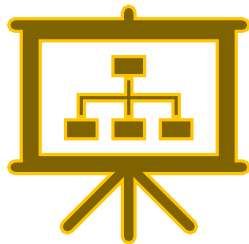
- Addressing SAICM issues may address or partially address some issues identified in the GCO-II

- Broader approach can be taken in the future in identifying chemicals of concern



Requested by UNEA resolution 4/8 - Sound management of chemicals and waste

Assessment of options
for strengthening the
science-policy interface
at the international level
for the sound
management of
chemicals and waste



"Prepare, by 30 April 2020, an assessment of options for strengthening the science-policy interface at the international level for the sound management of chemicals and waste, taking into account existing mechanisms, including under the United Nations Environment Programme, and relevant examples in other areas, in order to maximize cost-effectiveness, make best use of new technologies, track progress and improve implementation of relevant multilateral environmental agreements at the national level, and make the assessment available for consideration by all stakeholders prior to the fifth meeting of the International Conference on Chemicals Management;"

Options for strengthening the SPI at the international level for sound management of chemicals and waste

Option A	Option B	Option C
An independent platform	Institutionalizing the outlook development processes	Thematic subsidiary panels with specialized task forces

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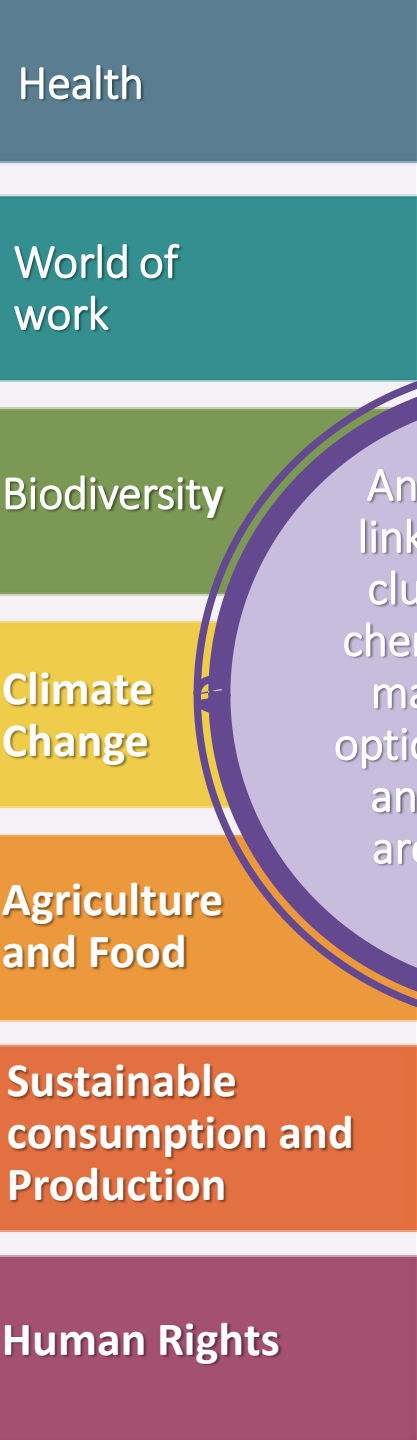
The University of Massachusetts, Sir. Robert Tony Watson and Mr. John Roberts, in consultation with IOMC and MEAs Secretariats

Science Policy
Interface
report – key
messages

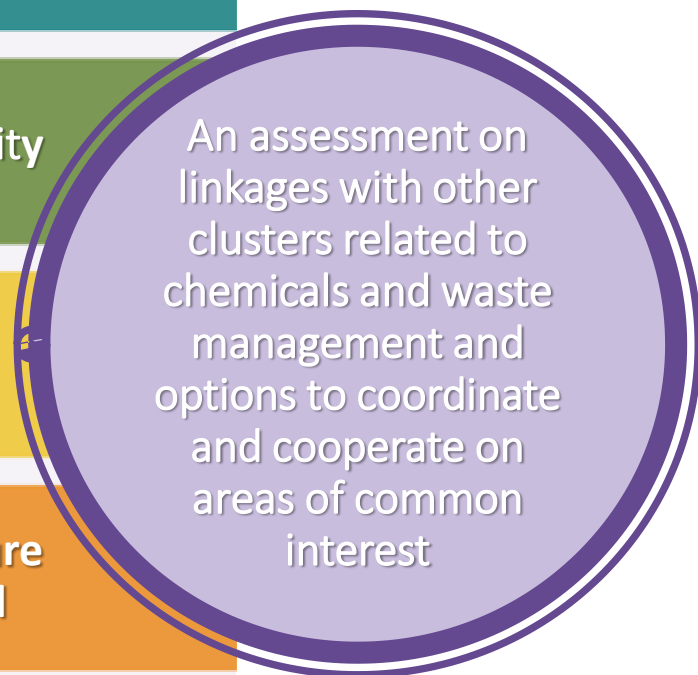
“To be successful, and in order to yield authoritative outputs, a science-policy interface should be credible, relevant, legitimate, and transparent”



***A the multiple facets of sound management of chemicals and waste is needed.
comprehensive platform to address***



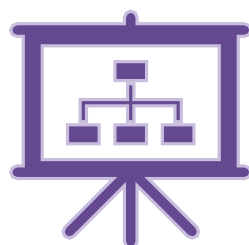
Invitation by SAICM OEWG3 – Montevideo, Uruguay



“to provide an assessment on linkages with other clusters related to chemicals and waste management and options to coordinate and cooperate on areas of common interest.”

- Builds upon cooperation and coordination initiatives already in place & explores means to scale up efforts.

Crosscutting themes		
Strengthening the science-policy interface	National coordination	Stakeholder involvement



Developed in consultation with:

IOMC member organizations, Secretariats of relevant MEAs, and focal points from the biodiversity, climate change, and human rights areas of work

Health

World of
work

Biodiversity

Climate
Change

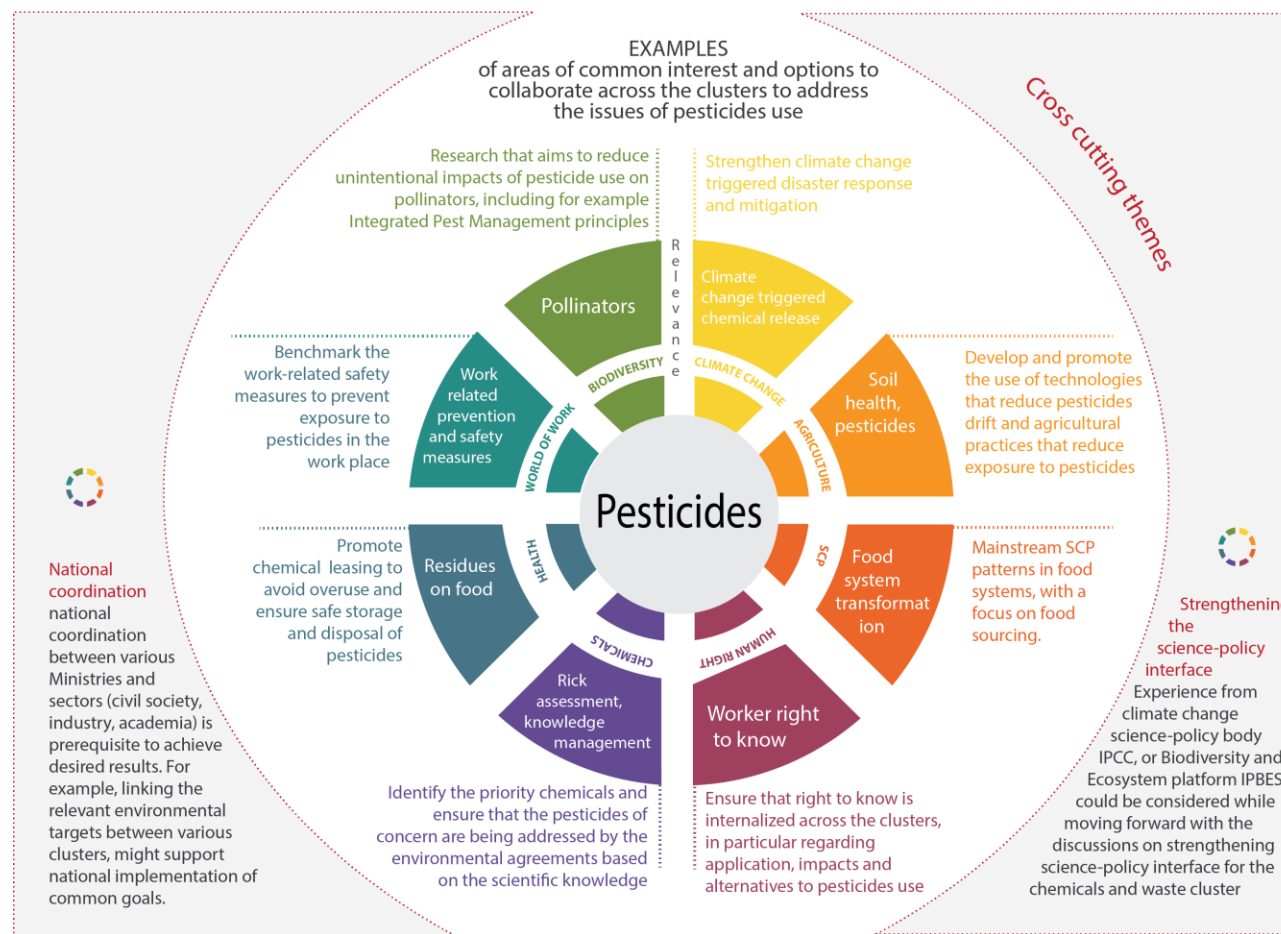
Agriculture
and Food

Sustainable
consumption and
Production

Human Rights

The 2030 Agenda is a platform to strengthen cooperation

Assessment
paper on
linkages with
other clusters –
key messages



- Serves as an initial step towards understanding the ongoing and potential future interconnectivity among clusters.

2030 Agenda for Sustainable Development



Adapted from IOMC, 2018



**environment
programme**

Thank you for your attention

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