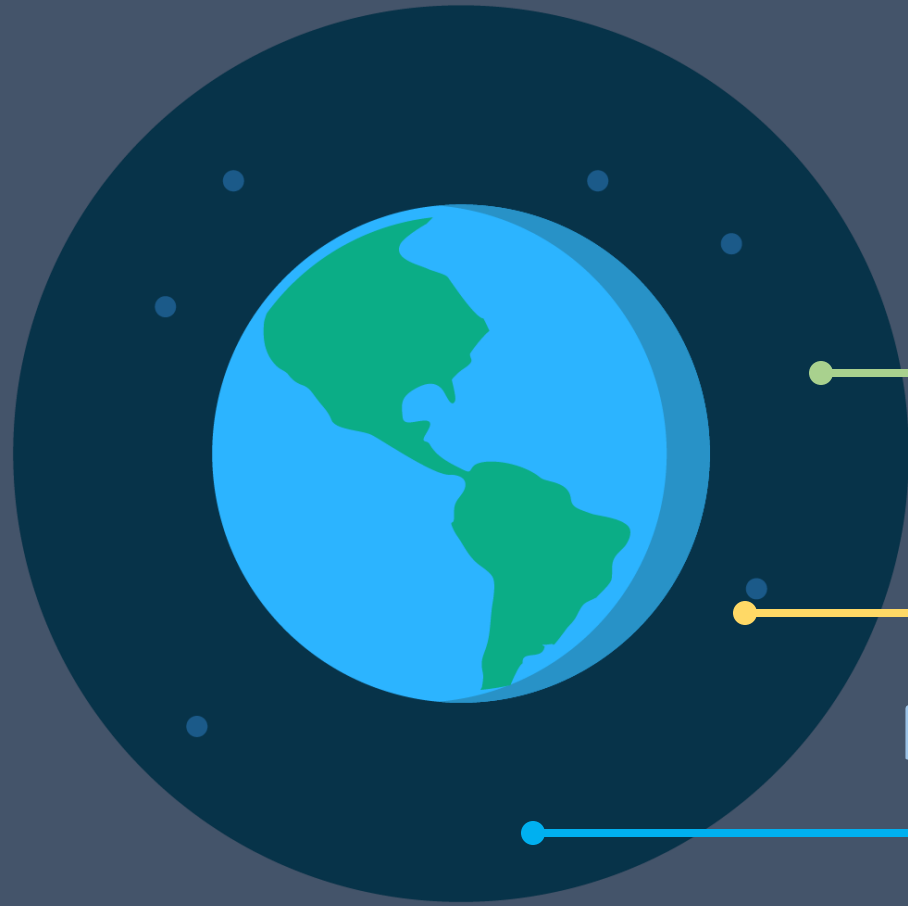


# Bridging Chemicals and waste and Biodiversity agendas

Possible entry points beyond MEAs

Malgorzata Stylo, UNEP  
*Malgorzata.stylo@un.org*

# TRIPLE PLANETARY CRISIS



Biodiversity loss

Climate change

Pollution





# LANDSCAPE OVERVIEW

# International Governance on Chemicals waste and pollution

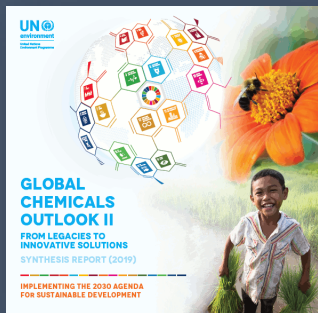


STRATEGIC APPROACH TO INTERNATIONAL CHEMICALS MANAGEMENT

IOMC



GHS

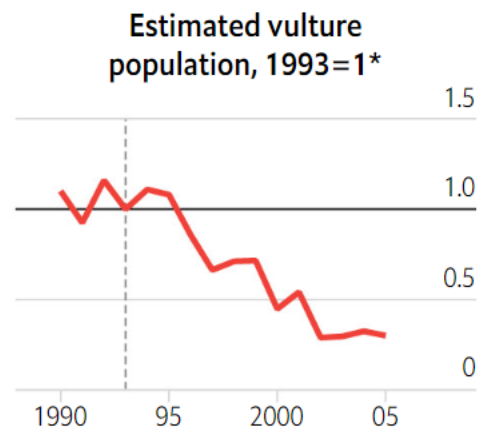


## UNEA 5

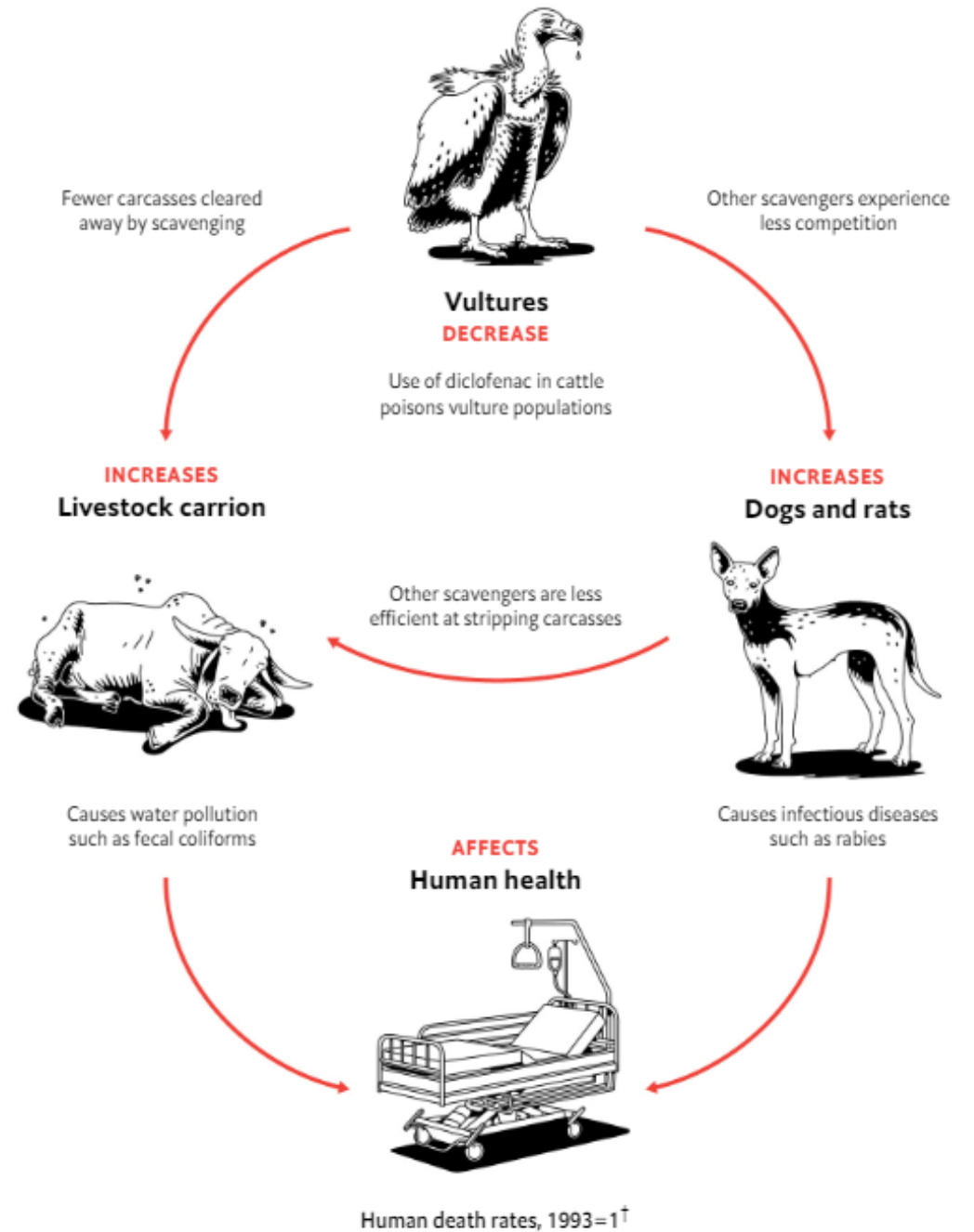
- Resolution 8: Science-Policy Panel to contribute further to the sound management of chemicals and waste and to prevent pollution
- Resolution 14: End plastic pollution: Towards an international legally binding instrument



# Example of how chemical pollution impacts biodiversity which in turn impacts human health in a quantifiable way



\*Based on share of observations in eBird birdwatching records †Weighted by population  
 Source: "The social costs of keystone species collapse", by Eyal G. Frank & Anant Sudarshan







Pesticides cause biodiversity loss. For example, a report shows up to 42% reduction of macroinvertebrate richness in French and German rivers linked to pesticides use.

*Beketov, M. A., et al. (2013)*

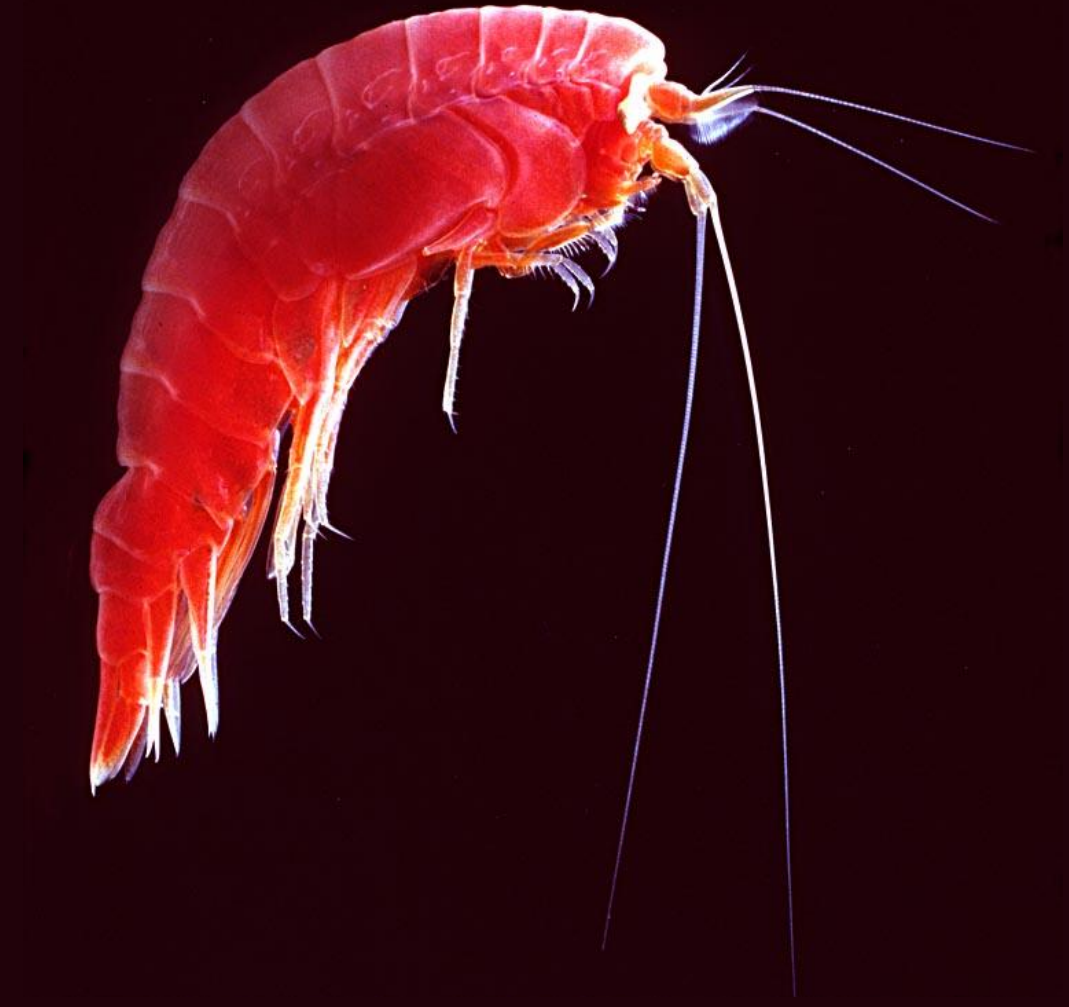




Pollution is the second major driver of insect declines. Pesticide pollution is reported in 13% of insect decline , followed by fertiliser inputs (10%) and to a lesser extent urban and industrial pollutants (3%).

*Sánchez-Bayo, F., & Wyckhuys, K. A. (2019)*

Concentrations of legacy chemicals in water bodies. Concentration of PCB was found at “extraordinary levels” in amphipods captured from some of the deepest ocean trenches – the Mariana and Kermadec trenches of the Pacific Ocean  
*Jamieson et al. (2017)*







Between 1984 and 2017 nearly 100,000 ha of forest in Western Amazon was lost due to the deforestation caused by artisanal and small scale gold mining  
*Caballero Espejo et al., (2018)*



# Possible entry points

- Beyond 2020 on sound management of chemicals and waste
- Science Policy Panel
- Environmental aspects of minerals and metals management





# Beyond 2020 on sound management of chemicals and waste



## STRATEGIC APPROACH TO INTERNATIONAL CHEMICALS MANAGEMENT

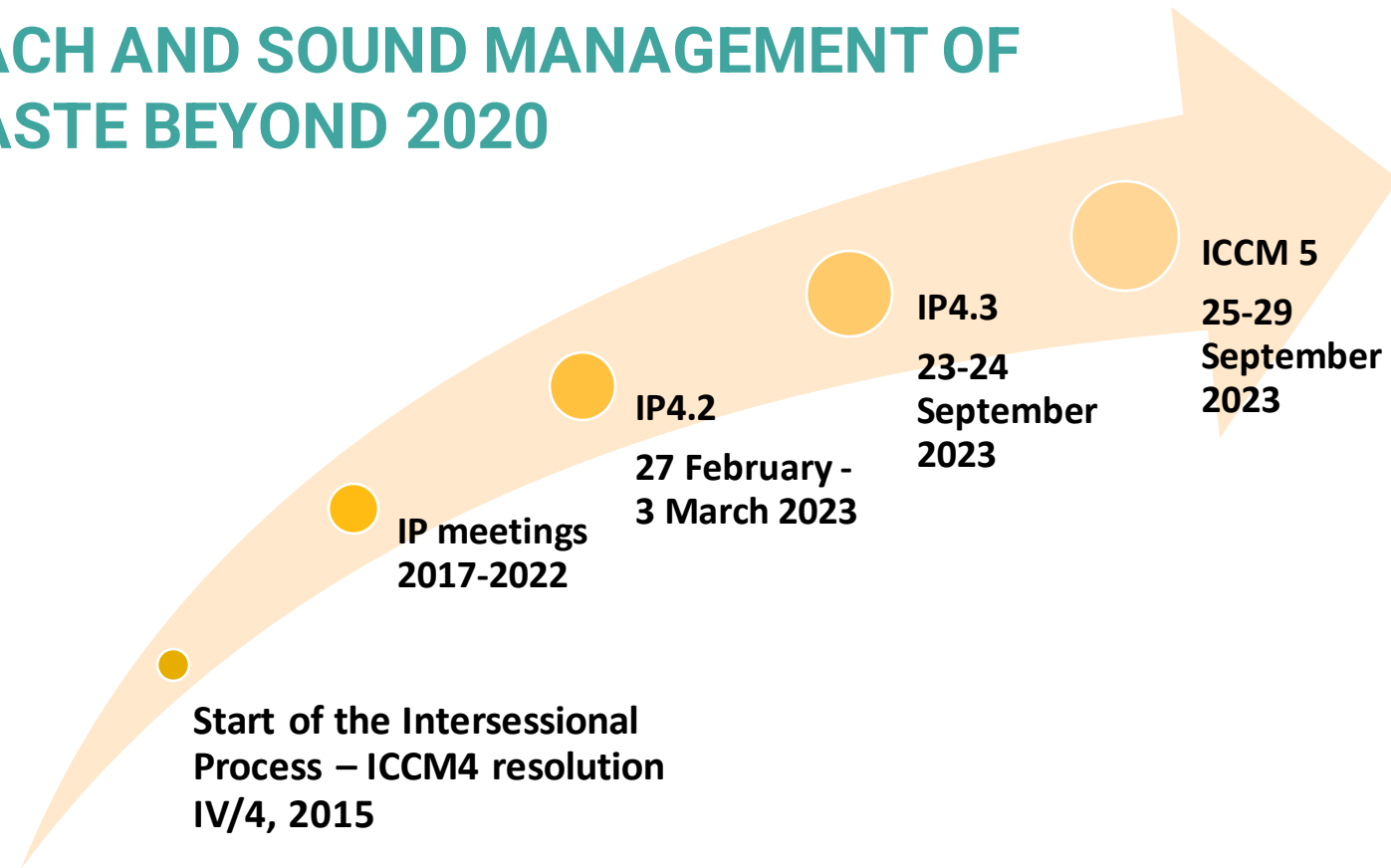


ICCM5 President: “While more work is needed, I feel stimulated by this “Nairobi spirit” and more than ever I am convinced that collectively we will create a powerful international framework that further generates **multi- sectoral and stakeholder commitment and collaboration to deliver concrete action integrated across sectors and value chains**”

Bonn, Germany  
25- 29 September 2023

ICCM5

## INTERSESSIONAL PROCESS CONSIDERING THE STRATEGIC APPROACH AND SOUND MANAGEMENT OF CHEMICALS AND WASTE BEYOND 2020







## ICCM5

- **25- 29 September 2023, Bonn**

### **Focus on:**

- Capacity building, stocktaking, and measurability structure
- Targets and financial considerations
- ICCM5 information is available at [www.saicm.org](http://www.saicm.org), in ICCM5 tab.

## BEYOND 2020 FRAMEWORK INSTRUMENT - Expectations

- Framework for chemicals and waste pillar of planetary crisis through a unique **multi-stakeholder and multi-sectoral engagement**.
- 
- It is also conceived to bring in circular approaches, lifecycle thinking, and **benefits valuable to other agendas such as biodiversity**, climate, human rights.
- Create an opportunity and incentives for enhanced action and engagement of key stakeholders in **key economic industry sectors and value chains**
- Mobilize adequate and **innovative financing**

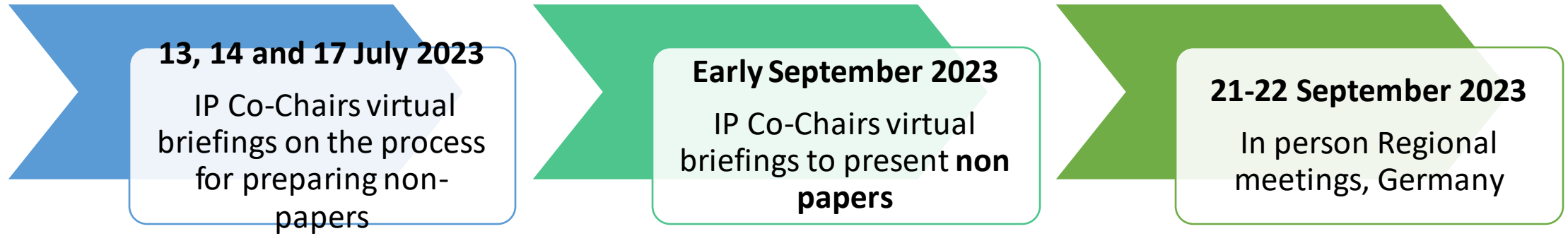


## ICCM 5 High-Level Segment

- High-Level Segment of the fifth session of the International Conference on Chemicals Management (ICCM5) will take place 28 - 29 of September 2023 at the World Conference Centre in Bonn, Germany.
- The High-Level Segment will lay the political foundation for ambitious commitments to address global chemicals and waste impacts in the context of the complex challenges of our time.
- In recognition of the multi-sectoral relevance of global chemicals and waste management, high level participants from **all stakeholders and sectors, including but not limited to agriculture, development, environment, foreign affairs, health, industry, and labour will be welcome.**
- Important expected outcomes of the High-Level Segment include **a High-Level Declaration**, as well as stakeholder pledges, commitments and partnerships to implement the new framework instrument.

## WAY FORWARD

### Consultations ahead of IP4.3 and ICCM5



Non papers are being prepared to build upon the discussions of the intersessional process and aim to facilitate the achievement of consensus at IP4.3 through contributing to the vision for the instrument.

- [Non-paper on strategic objectives and targets for posting.pdf \(saicm.org\)](#)
- [Non-Paper on Financial considerations Financial Arrangements and Capacity Building for posting 1.pdf \(saicm.org\)](#)
- [Non-paper on Measurability Structure for posting 1.pdf \(saicm.org\)](#)





## BEYOND 2020 FRAMEWORK INSTRUMENT – Key entry points for Biodiversity

- **Clearly referencing synergies with other instruments**
- **Embracing the principle of collaboration and cooperation**
- **Knowledge and information sharing**

# Science Policy Panel



## OEWG Process – Tentative Timeline

### OEWG 1.1

6 October 2022  
Nairobi, Kenya

### OEWG 2

11–15 December  
2023, Jordan

### OEWG 1.2

30 January–3  
February 2023  
Bangkok, Thailand

### OEWG 3

17-21 June 2024  
Geneva, Switzerland

**Intergovernmental  
Meeting**  
Dates and venue  
TBC





# Environmental aspects of minerals and metals management (UNEP/EA.5/Res.12)

- developing non-prescriptive proposals to enhance the environmental sustainability of minerals and metals along their full life cycle
- Two topic focus:
  - i) sand and sustainability
  - (ii) environmentally reasonable tailings management
- **7-8 September 2023** two-day intergovernmental global consultations dedicated to stocktaking of existing activities and actions in the public and private sectors to enhance the environmental sustainability of minerals and metals



Thank you for your  
attention



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[saicm.chemicals@un.org](mailto:saicm.chemicals@un.org)



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