SAICM/UCT
Chemicals and Sustainable Development Goals Community of Practice
Discussion 3 2022 Guide

<table>
<thead>
<tr>
<th>Title</th>
<th>Plastic pollution: ideas for addressing chemicals in plastics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>19th October 2022</td>
</tr>
<tr>
<td>Time</td>
<td>10:00 – 11:30 (GMT+2)</td>
</tr>
<tr>
<td>Presenters</td>
<td>Jost Dittkrist (BRS), Eeva Leinala (OECD), Mochamad Adi Septiono (Nexus3 Foundation) and Brenda Koekkoek (UNEP)</td>
</tr>
<tr>
<td>Facilitator</td>
<td>Prof Andrea Rother (University of Cape Town)</td>
</tr>
<tr>
<td>WebEx registration link</td>
<td><a href="https://unep.webex.com/unep/j.php?RGID=ra842284ad3d75fc0ec7a470dcd406ece">https://unep.webex.com/unep/j.php?RGID=ra842284ad3d75fc0ec7a470dcd406ece</a></td>
</tr>
<tr>
<td>SAICM/UCT CSDG CoP Sign-up link</td>
<td>Make sure you have signed up for the CSDG CoP: <a href="https://saicmknowledge.org/community">https://saicmknowledge.org/community</a></td>
</tr>
<tr>
<td>What’s App Group</td>
<td>Join the CSDG CoP WhatsApp Group to receive information: <a href="https://chat.whatsapp.com/BKTKGwt5cnNCgG9BOzYK1i">https://chat.whatsapp.com/BKTKGwt5cnNCgG9BOzYK1i</a></td>
</tr>
</tbody>
</table>

Should you require assistance or have questions, contact: uctcops@outlook.com

**Discussion Format:**

- This is not a Webinar, but rather a discussion among different stakeholder groups.
- The discussion presenter/s will briefly give a verbal introduction and introduce the questions listed in this discussion guide.
- Three questions will be posted during the 1½ hour discussion. The presenter/s will address questions and comments posted by members in the chat room and participants are encouraged to respond to each other as well.
- All are encouraged to join the discussion which will be held in English. Feel free to write in another language and members will assist where possible with translation.

**Two steps are required to join this discussion:**

1) Sign up to the CoP, if you have not done so previously, at: https://saicmknowledge.org/community

Should you require assistance or have questions, contact: uctcops@outlook.com

2) Register for the 19th October WebEx discussion at: https://unep.webex.com/unep/j.php?RGID=ra842284ad3d75fc0ec7a470dcd406ece

We encourage you also to join the CSDG CoP WhatsApp group by clicking on this link: https://chat.whatsapp.com/BKTKGwt5cnNCgG9BOzYK1i

Should you NOT be able to join the discussion but still wish to contribute please click the link below and fill out the Form with your contributions: https://forms.office.com/r/WuKZiPYsxB
Brenda Koekkoek is a Programme Management Officer at the SAICM secretariat and has worked in a leading role in the secretariat since 2012. Upon joining UNEP in 2006, she worked to establish and manage the Global Mercury Partnership and providing policy support to the negotiation process for the development of the Minamata Convention on mercury. Prior to UNEP, Brenda worked at Environment and Climate Change Canada on air quality and chemical related issues. Brenda holds a Bachelor degree in Environmental Engineering and a Master degree in Environmental Management. On a personal level, Brenda grew up on a dairy farm and has a natural passion for issues related to agriculture and rural livelihoods.

Jost Dittkrist is Programme Officer in the Science and Technical Assistance Branch of the Secretariat of the Basel, Rotterdam, and Stockholm Conventions. He facilitates the implementation of national, regional, and global projects on the prevention, environmentally sound management, and control of transboundary movements of plastic waste. He also serves as Technical Assistance Focal Point for the Rotterdam Convention and supports the work on DDT under the Stockholm Convention. Before joining the Secretariat, he worked in various positions in the Chemicals and Health Branch of the United Nations Environment Programme, the United Nations Institute for Training and Research, and the International Solid Waste Association.

Dr Eeva Leinala is the Principal Administrator for Programmes on Risk Management, Good Laboratory Practices and Mutual Acceptance of Data at the Organization for Economic Co-operation and Development (OECD). Eeva collaborates with OECD member countries and stakeholders to advance approaches for risk reduction of chemicals, including substitution and sustainable chemistry, as well as leading the programme on Good Laboratory Practices and Mutual Acceptance of Data. Previously, Eeva led the Hazard Assessment Programme at the OECD and before the OECD, Eeva worked in chemical management at Health Canada for 12 years. Eeva holds a PhD in biochemistry from Queen’s University in Canada. (Contact Dr Eeva here, eeva.leinala@oecd.org, www.oecd.org/chemicalsafety).

Mochamad Adi Septiono has been working for Nexus3 Foundation since 2016. With formal training in environmental engineering, chemistry, and modelling, he is currently part of Nexus3’s Toxic and Zero Waste Program. He has been involved in multiple projects focusing on chemicals and waste issues, including establishing transparency around chemical pollutants, hazardous materials and waste, persistent organic pollutants, heavy metal pollution (e.g. mercury, lead), gender and chemicals, plastic pollution.

**QUESTION 1 (10h15 – 10h40 GMT+2)**

Jost Dittkrist, BRS

**Question 1:** Which laws/policies/strategies are used in your country to phase out persistent organic pollutants (POPs) in plastic products and/or promote the environmentally sound management of hazardous plastic waste? Are they sufficient? Do you have a mechanism to identify which plastic products contain or may contain POPs? Which other laws/policies/strategies may be needed? List your country in your response.
Resources/Information for the Discussion:
- Factsheet on plastic additives
- Factsheet on the Basel Convention plastic waste amendments
- Factsheet on POPs Chemicals, Candidate POPs and proposed listing chemicals
- Coverage of 18th meeting of the POPs Review Committee and meeting documents/website
- Text of the Basel Convention
- Text of the Stockholm Convention

Polls
We encourage you to think about the poll questions before the discussion so that you can contribute with your responses:

1. In your view, at which stage of the life cycle is it the most efficient and effective to address chemicals in plastic products and plastic waste?
   a. Prevention and minimization
   b. Reuse, recycling, and other types of recovery
   c. Final disposal

2. Prior to this discussion, were you aware that certain hazardous chemicals used in plastic products are listed under the Stockholm Convention?
   a. Yes
   b. No
   d. Somewhat

QUESTION 2 (10h40 – 11h05 GMT+2)
Eeva Leinala, OECD

Question 2: In your country how can companies and product designers influence a more sustainable design of plastics from a chemical perspective? List your country in your response.

Resources/Information for the Discussion:
1. A Chemicals Perspective on Designing with Sustainable Plastics, OECD (2021)
2. Four supporting case studies (Look at the plastic material selection process from a chemicals perspective to enable the creation of inherently sustainable plastic products):
   - Case study on biscuit wrappers: An example of weighing sustainability criteria for plastic flexible food packaging from a chemical’s perspective
   - Case study on detergent bottles: An example of weighing sustainability criteria for rigid plastic non-food packaging
   - Case study on flooring: An example of chemical considerations for sustainable plastics design
   - Case study on insulation: an example of chemical considerations for sustainable plastics design
QUESTION 3 (11h05 - 11h30 GMT+2)
Mochamad Adi Septiomo, Nexus3 Foundation

**Question 3**: Do you think hazardous/persistent chemical information in plastic and plastic products is sufficiently disclosed? Do you think mandatory disclosure reduces the risk for recyclers and consumers?

**Resources/Information for the Discussion**:
- IPEN’s report on Brominated Flame Retardant (BFRs) in plastic products: Indonesia, China, Russia
- IPEN’s report on contaminated recycled plastic pellets

**Polls**:
We encourage you to think about the poll questions before the discussion so that you can contribute with your responses:

1. Is there capacity in your country at the design stage of plastics to consider the impacts of chemicals?
   a. Yes
   b. No
   c. Not sure

2. During the design thinking process, what challenges are there when considering chemicals throughout the plastic product’s life cycle? (Open ended)

This activity is supported by the Global Environment Facility (GEF) project ID: 9771 on Global Best Practices on Emerging Chemical Policy Issues of Concern under the Strategic Approach to International Chemicals Management (SAICM).