



International Sustainable Chemistry Collaborative Centre

1st ISC₃ Stakeholder Forum

20.-21. June, 2019

Bonn, Germany

Rationale

Day 1 “Mission Sustainable Chemistry”

Thursday, 20 June, 14.00 -18.30h

The International Sustainable Chemistry Collaborative Centre (ISC₃) is a new independent, international institution promoting and developing sustainable chemistry solutions worldwide.

With the emerging concept of sustainable chemistry, the ISC₃ aims to promote a new system thinking in the chemicals sector. The concept focusses on the entire life cycle of products and offers an opportunity to move entire supply chains towards sustainable circular economy models. The holistic approach promotes the use of environmentally and socially friendly alternatives and offers new business opportunities, especially for entrepreneurs and start-ups. Delivered at scale, sustainable chemistry solutions could be a key contribution to the UN Sustainable Development Goals (SDGs) as well as to the sound management of chemicals and waste.

At the ISC₃ we believe that a “**Common Understanding of Sustainable Chemistry**” is needed, based on the expectations and knowledge of actors from the private as well as from the public sector. To promote the international dialogue on sustainable chemistry, the ISC₃ developed a discussion paper on the key elements of sustainable chemistry. <https://www.isc3.org/en/about-isc3/sustainable-chemistry.html>

On the first day of the Stakeholder Forum the ISC₃ invites you to voice expectations towards the emerging concept and discuss elements and criteria of a “Common Understanding of Sustainable Chemistry”.



Agenda

Thursday, 20 June, 14.00 -18.30h

Day 1 “Mission Sustainable Chemistry”

13:00 – 14:00	Get together & Lunch
14:00 – 15:00	Welcome and Introduction <i>Friedrich Barth, Managing Director ISC₃</i> Directors Dialogue “Sustainable Chemistry – Our Mission at the ISC₃” <i>Friedrich Barth, Managing Director ISC₃</i> <i>Prof. Klaus Kümmerer, Director ISC₃ Research & Education Hub</i> <i>Dr. Andreas Förster, Director ISC₃ Innovation Hub</i> Feedback and discussion on the mission of the ISC₃ and international collaboration on sustainable chemistry.
15:00 – 16:00	Striving towards a Common Understanding of Sustainable Chemistry Introduction to the ISC₃ discussion paper “Towards a Common Understanding of Sustainable Chemistry” <i>Friedrich Barth, Managing Director ISC₃</i> Dialogue on the expectations from different sectors towards sustainable chemistry. <i>Representatives from different sectors</i>
16:00 16:30	Coffee break Poster presentation on the ISC ₃
16:30 – 18:00	Round table dialogue on the common understanding of Sustainable Chemistry <i>Key questions:</i> <ul style="list-style-type: none">• <i>What are the key elements to describe sustainable chemistry?</i>• <i>What are the specific expectations of the private sector and what defines sustainable chemistry from the perspective of the public sector, of academia and NGOs?</i>• <i>How can the different expectations be brought together in a “common understanding”?</i> <i>Facilitation ISC₃ Team</i>
17.45 – 18.15	ISC₃ Partnering Ceremony Welcoming of new partners to the ISC ₃ international network
18:15 - 18:30	Key findings of the discussion and wrap up of Day 1 <i>Rapporteurs and Friedrich Barth, Managing Director ISC₃</i>
19:00 – 22:00	River Rhine Dinner Cruise

Rationale

Day 2 “Transforming Chemistry”

Friday, 21 June, 09:00 -15:30h

The ISC₃ is a catalyst for sustainable chemistry and acts on five levels: **collaboration, innovation, education, information and research**. It connects stakeholders from the private sector, academia as well as civil society and politics to develop a transformative agenda for the chemicals sector.

- **Collaboration:** The ISC₃ initiates **collaborative foresight** on important topics and key questions in the field of sustainable chemistry, for example on the contribution of sustainable chemistry to the SDGs and a circular economy, to climate protection and many more. The first foresight process will focus on the “**Circular Plastics Economy**” and the sustainable use of **plastics in buildings and living**.
- **Innovation:** The ISC₃ promotes innovation and start-ups in the field of sustainable chemistry to inspire new solutions and help to bring them to the markets. The **Global Start-up Service** is designed to scout ideas, supports young **entrepreneurs**, assesses business ideas and connects start-ups with investors. By setting up a **Start-up Funds** the ISC₃ will support entrepreneurs even financially.
- **Education:** With the establishment of the **International School for Sustainable Chemistry**, the ISC₃ aims at making sustainable chemistry an integral part of scientific and executive education. The centre offers **scientific courses** and trainings and helps interested third parties to establish similar programs in their institutions. Furthermore, the ISC₃-Research & Education Hub holds an international **Summer School** each year.
- **Research:** The ISC₃ acts as an international **Think Tank** to promote and discuss the concept of sustainable chemistry. To frame the **international scientific discussion**, the centre monitors research activities, conducts scientific conferences and workshops and builds up an international network of scientific partners.
- **Information:** Knowledge management and information dissemination are important cross-sectional tasks of the ISC₃. To **raise awareness** and support a better understanding of sustainable chemistry, the centre engages in conferences and spreads the word on social media. By setting up an interactive **Online Atlas**, the ISC₃ wants to establish a leading knowledge platform on sustainable chemistry.

On the second day of the Stakeholder Forum the ISC₃ invites you to develop recommendations and ideas for the work programme of the ISC₃ as well as to engage in the further implementation of the activities.

Agenda

Friday, 21 June, 09:00 -15:30h

Day 2 “Transforming Chemistry”

09:00 09:30	<p>Welcome and Introduction <i>Friedrich Barth, Managing Director ISC₃</i></p> <p>Overview on the activities of the ISC₃</p>
09:30 – 12:00	<p>Five activity fields to transform chemistry</p> <p>Short presentations on the activity fields of the ISC₃ followed by feedback and discussion Short presentations:</p> <ul style="list-style-type: none"> • Collaboration: International dialogue, Collaborative Foresight & Collaborative Projects • Innovation: Global Start-up Service and Innovation Challenge • Education: International School and Summer School • Research: Research agenda and network • Information: Knowledge management and awareness rising <p>Round table discussions “world café” on the five fields of activities</p> <p>Key questions for the discussion:</p> <ul style="list-style-type: none"> • <i>Do the activities help to spur the transformation towards sustainable chemistry?</i> • <i>What would you recommend for making the activities a success?</i> • <i>What can ISC₃ learn from your experiences?</i> • <i>What are additional topics and actors the ISC₃ should address?</i> <p><i>Facilitation ISC₃ Team</i></p>
12:00 – 13:00	<p>Open Forum - Presentations by participants The floor is yours: present your ideas or activities for the transformation towards sustainable chemistry! (approx. 5 Min per presentation, max. 3 charts)</p> <p><i>Line up for contributions until 21.6. 9 a.m. (please send an e-mail to event@isc3.org or register directly at the conference hospitality desk)</i></p>
13:00 – 14:00	<p>Lunch Poster presentation on the ISC₃</p>
14:00 15:00	<p>Key Findings and Prioritisation Presentation by rapporteurs and voting by all participants</p> <p>Key question for the prioritization of activities:</p> <ul style="list-style-type: none"> • What are the most important activities for the transformation process in the chemicals sector?
15:00 15:30	<p>Wrap up and next steps <i>Friedrich Barth, Managing Director ISC₃</i></p>
15:30 16:00	<p>“Coffee to go”</p>