



International Akademie Fresenius Conference

Sustainability and Chemical Production

The European Green Deal and its Regulatory Challenges for the Chemical Industry

+++ ONLINE CONFERENCE +++

9 and 10 November 2021

Highlights

- European Commission on the EU Chemicals Strategy for Sustainability
- Cefic position on the Chemicals Strategy for Sustainability: The illusion of good and bad chemicals
- EU Commission on working towards Safe and Sustainable by Design-Criteria
- Quantifying and qualifying chemical sustainability from an industry point of view: SEE-Balance, eco-efficiency analysis, product carbon footprint, product environmental footprint, Safe and Sustainable by Design
- European Chemicals Agency: A new approach for designing safe and sustainable chemical products
- Between the conflicting priorities of sustainability and the aspiration of a non-hazardous production chain
- EFCC on the Commission's Chemicals Strategy for Sustainability and how to track the industrial transition towards the production of safe and sustainable chemicals
- The concept of 'Essential Use'



The Experts

Johan Breukelaar European Federation of Construction Chemicals (EFCC) | **Martin Klatt** BASF | **Sylvie Lemoine** The European Chemical Industry Council (Cefic) | **Aleksandra Malyska** European Commission | **Elena Montani** European Commission | **Jean-Philippe Montfort** Mayer Brown International | **Elénore Mullier** Steptoe and Johnson | **Tomas Rydberg** Swedish Environmental Research Institute (IVL) | **Claudia Schäfer** knoell Germany | **Xenia Trier** European Environment Agency | **Martina Vosteen** Ramboll | **Michael Warhurst** CHEMTrust | **Suzanne Wiandt** German Federal Institute for Occupational Safety and Health (BAuA) | **Véronique Willems** The European Association of Craft, Small and Medium-Sized Enterprises – SMEUnited | **Markus Wolperdinger** Fraunhofer Institute for Interfacial Engineering and Biotechnology (IGB)

Morning Session 09:45 – 12:35 CET

09:45 Welcome address by the organisers and the Chair
Martin Klatt, BASF, Germany

The New Regulatory Framework

10:00 Towards safe and sustainable chemicals: the Chemicals Strategy for Sustainability and the European Green Deal

- Vision and objectives of the Chemicals Strategy for Sustainability
- The concept of Safe and Sustainable by Design within the Chemicals Strategy
- Green Deal regulatory and non-regulatory initiatives for safe and sustainable chemicals, materials, and products

Elena Montani, European Commission, Belgium

10:35 Industry position on the chemical strategy for sustainability

- The illusion of good and bad chemicals
- Biggest issues for industry
- How industry is approaching major legislative changes (REACH and CLP)
- Criteria for future generic bans
- Methods of evaluating sustainability

Sylvie Lemoine, The European Chemical Industry Council (Cefic), Belgium

11:10 REACH: What new requirements can be expected as a result of the Chemicals Strategy for Sustainability (CSS)?

- REACH changes announced in the CSS
- Changes per REACH Title and transversal changes
- REACH amendments not announced in the CSS
- Indicative planning

Elénore Mullier, Steptoe and Johnson, Belgium

11:45 Short break

12:00 The EU Chemicals Strategy for Sustainability: An evaluation from an NGO point of view

Michael Warhurst, CHEMTrust, United Kingdom

12:35 Lunch break

Afternoon Session 13:45 – 16:30 CET

13:45 Quantifying and qualifying chemical sustainability from an industry point of view: SEE-Balance as an example

- Eco-efficiency analysis
- Value to society
- Product carbon footprint
- Product Environmental Footprint
- Safe and Sustainable by Design

Martin Klatt, BASF, Germany

14:20 Conflicting priorities on our journey towards a sustainable production

- Examples of substances of concern (still) needed for a sustainable supply chain
- Blurring boundaries between authorisation and restriction under REACH – shifting the burden of proof
- Related challenges for the 'Essential Use' concept

Martina Vosteen, Ramboll, Germany

14:55 Short break

15:10 Bridging research, policy and the requirements of industry: A Fraunhofer perspective on the Green Deal and its feasibility

Markus Wolperdinger, Fraunhofer Institute for Interfacial Engineering and Biotechnology (IGB), Germany

15:45 Towards a toxin-free environment: The Chemicals Strategy for Sustainability and its potential impact on data requirements

- Discussed update of REACH Annexes
- Acceptance and inclusion of in silico models
- Implications for testing and timelines

Claudia Schäfer, knoell Germany, Germany

16:20 Closing Remarks

16:30 End of the first day

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Information available online at:
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Wednesday, 10 November 2021

Timings are in
Central European Time [CET](#).

 Morning Session 09:50 – 12:20 CET

09:50 **Brief welcome by the Chair**

Tomas Rydberg, Swedish Environmental Research Institute (IVL), Sweden

Continuation: The New Regulatory Framework

10:00 **Update from the German REACH competent authority (CA) – state of regulatory developments and ideas in the context of the Chemicals Strategy for Sustainability**

- What improvements in REACH are currently being discussed?
- Which plans for the revision of the CLP regulation are envisaged?
- Key points of the German CA activities and Helpdesk experiences

Suzanne Wiandt, Federal Institute for Occupational Safety and Health (BAuA), Germany

Safe and Sustainable by Design and Other Lead-Concepts

10:35 **Working towards Safe and Sustainable by Design-Criteria for Chemicals**

Aleksandra Malyska, European Commission, Belgium

11:10 **SMEs' views on the key concepts for the Chemicals Strategy for Sustainability**

Véronique Willems, The European Association of Craft, Small and Medium-Sized Enterprises - SME united, Belgium

11:45 **The Commission's Chemicals Strategy for Sustainability: How to track the industrial transition towards the production of safe and sustainable chemicals?**

Johan Breukelaar, European Federation of Construction Chemicals (EFCC), Belgium

12:20 **Lunch break**

 Afternoon Session 13:20 – 15:15 CET

13:20 **Safe and sustainable: A research perspective on sustainable chemistry**

Tomas Rydberg, Swedish Environmental Research Institute (IVL), Sweden

13:55 **Designing safe and sustainable products requires a new approach for chemicals**

Xenia Trier, European Environment Agency, Denmark

14:30 **The concept of 'Essential Use': What can it add to the regulation of chemicals?**

Jean-Philippe Montfort, Mayer Brown International, Belgium

15:05 **Closing Remarks**

15:15 **End of the conference**

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Do you have any questions?



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- Product stewardship
- Regulatory affairs
- Registration and authorisation
- Ecotoxicology
- Toxicology
- Research and development
- Scientific advisory
- Analytical science
- Life Cycle and sustainability assessment

Sectors taking part:

- Chemical industry
- Down-stream industries
- Consumer goods Industry
- Research institutes
- Authorities
- Scientific consultancies
- Professional associations

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