

# Overview Program

## Day 1 • 22 September 2025

- Defossilisation of the Chemical Industry (Biorefineries / CCU / Chemical Recycling)
- Fine Chemicals
- Lignocellulosic Biorefineries and Lignin Utilisation

## Day 2 • 23 September 2025

- Fossil-free Plastics

## Day 3 • 24 September 2025

- Setting the Frame for Renewable Carbon
- Biodegradation



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22–24 September • Siegburg/Cologne

# Workshops

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# Workshops

## Day 1

**11:30–13:00**

**Florian Kleinwächter • Holcim (DE)**

Turning CO<sub>2</sub> into Business: Time to Walk the Talk with Holcim's Upcoming Opportunity

*Free Parallel Spot Available*

**14:30–16:00**

**Timo Ture & Markku Nikkila • Syklo (FI)**

From Waste to Wonders: New Industrial Concept for Recycling of Consumer Cardboard and Plastic Waste into Low-carbon Technical Biocomposite

**Irina Akhmetova & Lukas Horndasch**

**PtX Lab Lausitz (DE)**

Exploring Policy Tools to Drive the Sustainable Transformation of Petrochemical Clusters.

External Expert: Clemens Schneider, [Uni Kassel \(DE\)](#)

**16:30–18:00**

**Lars Börger, Narendar Raju Poranki**

**& Gillian Tweddle • nova-Institute (DE)**

Business Plans for Renewable Chemicals and Materials for Start-ups and SMEs

*Free Parallel Spot Available*

## Day 2

**9:20–10:50**

**Kai Junge Puring • Fraunhofer Institut UMSICHT (DE)**

Air2Chem: Chemicals from Air. What Does it Need to Replace Fossil Chemicals with Chemicals Made from CO<sub>2</sub> from Air and how Does a Chemical Industry Look Like When Integrating Air as a Resource?

*Free Parallel Spot Available*

**11:20–12:50**

**Stefanie Fulda & Dušica Banduka**

**nova-Institute (DE)**

From Challenges to Opportunities: Effective Communication Strategies for Renewable Chemicals and Materials

**11:20–12:50**

**Michael Carus • RCI/nova-Institute (DE)**

Biomass Availability World and Europe

**14:10–15:40**

**Miriam Weber & Christian Lott • HYDRA Marine Sciences (DE) & Andreas Künkel • BASF (DE)**

What can we Learn from Renewables for the Role of Biodegradable Materials in a Circular Economy?

**Kim Schoppink • Science Based Targets Initiative (EU)**

Refining the Path to Net Zero with SBTi. Discussion of the Key Proposed Improvements of the Revised Corporate Net Zero Standard.

## Day 3

**9:20–10:50**

**Jan-Harm Urbanus & Pieter Imhof • TNO (NL)**

Application of AI for Polymer Design – Transforming the Adverse Effects of Plastics into Pioneering Material Solutions

**Matthias Stratmann • nova-Institute (DE)**

Renewable Carbon in LCA and Carbon Footprint Guidelines

**11:20–12:50**

**Christopher vom Berg • RCI/nova-Institute (DE)**

Facilitating Change – Policy for a Renewable Carbon Transition

Workshop with External Experts:

- Janine van Kampen, [Dutch Ministry of Climate Policy and Green Growth \(NL\)](#)
- Sebastian Kunz, [Südzucker \(DE\)](#)
- Luciano Proto Cassina, [nova-Institute \(DE\)](#)

*Free Parallel Spot Available*

Book your own Workshop for only 980 € (net), please contact Michael Carus: [michael.carus@nova-institut.de](mailto:michael.carus@nova-institut.de)