

# 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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[renewable-materials.eu](https://renewable-materials.eu)



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

**Jokūbas Nikanorovas • Invest Lithuania (LT)**

Building the Bio-based Future: Competitive Site Selection and Growth

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

**Mark Schmets • Dutch Ministry of Climate Policy and Green Growth (NL), Benjamin Schoemaker • TNO (NL), Peter van Hooft • Skytree (NL) & Frank Vergunst • Alta Group (NL)**

Capturing Value from CO<sub>2</sub>: From Policy to Practice; Dutch Innovations

## 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?

11:20–12:50

**Stefanie Fulda & Dušica Banduka**

**nova-Institute (DE)**

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

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

Biomass Availability World and Europe: RCI Report on CAPRI and TiMBA Modelling

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 & Lara Dammer**

**nova-Institute (DE)**

Renewable Carbon in LCA and Carbon Footprint Guidelines

11:20–12:50

**Christopher vom Berg & Luciano Proto Cassina**  
**RCI/nova-Institute (DE)**

Facilitating Change – Policy for a Renewable Carbon Transition

Workshop with External Experts:

- Richard Kempen, **Dutch Ministry of Climate Policy and Green Growth (NL)**
- Sebastian Kunz, **Südzucker (DE)**