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 CONFERENCE 2025
22–24 September • Siegburg/Cologne

Workshops

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Workshops

Day 1

11:30–13:00

Florian Kleinwächter • Holcim (DE)
Turning CO_2 into Business: Time to Walk the Talk with Holcim's Upcoming Opportunity

Jokūbas Nikanorovas & Greta Zajančauskaitė
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_2: 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_2 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)