

# Workshops

## Related Workshops at Day 2

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

**Stefanie Fulda** • nova-Institute (DE)  
Communication

## at Day 3

**Matthias Stratmann** • nova-Institute (DE)  
Renewable Carbon in LCA and Carbon Footprint  
Guidelines

**Christopher vom Berg** • RCI/nova-Institute (DE)  
Powerful Policy Instruments to Enable the Transition  
to Renewable Carbon

# 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



22-24 September • Siegburg/Cologne

**Day 1**  
22 September 2025

# Defossilisation of the Chemical Industry

Biorefineries / CCU / Chemical Recycling  
/ Fine Chemicals / Lignin

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## Grand Hall

### Defossilisation of the Chemical Industry

**Lars Börger** • **nova-Institute (DE)**

The Future of a Resilient Chemical Industry in a Vulnerable World

**Ruirui Zong-Rühe** • **Roland Berger (DE)**

Headwind or Tailwind – Defossilization in the Chemicals Industry

**Florie Gonsolin** • **CEFIC (BE)**

How can the Chemical Sector Contribute to Sustainable Carbon Cycles

**Samir Somaiga** • **Godavari Biorefineries (IN)**

India's Transition to a Green Economy and the Role of Godavari Biorefineries by Regenerative Biomass Realising Commercial Scale Advanced Biochemicals (and Social Approach)

**Ortwin Ertl** • **Annikki (AT)**

High-Volume Chemicals from Biomass – By Means of a Unique Fractionation Technology and Enzymatic Reactions

**Andreas Kohl** • **Verbio (DE)**

Vegetable Oil to Alpha Olefins: A New Direct Value Chain Emerges in the Chemical Industry

**Reinier Grimbergen** • **Blue Circle Olefins (NL)**

Defossilizing the Chemical Industry by Circular Methanol

**Lee Walko** • **Omni Tech International (US)**

From Farm to Industry: U. S. Soybean Innovations Driving Chemical Defossilisation

**Doris De Guzman** • **Green D Market Analytics (US)**

Renewable Chemicals Market Update – Navigating Shifting Global Dynamics

**Virginie ROUX** • **Michelin Engineered Polymers (FR)**

5-HMF: When a Sleeping Giant Wakes up

**Pauline Rullière** • **Pili (FR)**

Bio-based Aromatic Intermediates: Pioneering Sustainability to Decarbonise the Industry

**Jean-Paul Lange** • **University of Twente (NL)**

Recycling Cascade for Plastics Waste

**Outi Teräs** • **Neste (FI)**

The Future of Plastics is REnewable and REcycled

**Marleen Ramakers & Youri Michiels** • **Indaver Plastics2Chemicals (BE)**

Indaver P2C: Closing the Loop with Cutting-Edge Advanced Recycling

## Small Hall

### Fine Chemicals

**Sunil Divekar** • **Praj Industries (IN)**

Technology for Bio-based Cosmetic Ingredients – Bio-IDD and Bio-IHD

**Christian Lenges** • **IFF (US)**

Sustainable Solutions that Transform Consumers' Lives and Experiences: Biotechnology Enabled Material Innovation – Opportunities and Challenges

**Christos Rampotas** • **Kemira (FI)**

Breaking New Ground with Polysaccharides in Sustainable Additives

**Adrian Brandt** • **Henkel (DE)**

Latest Renewable Carbon Developments at Henkel Adhesive Technologies

**Frank Polzer** • **Celanese (US)**

Carbon Capture and Utilisation at Celanese: Turning CO<sub>2</sub> Emissions Into Essential Chemicals and Plastics

### Lignocellulosic Biorefineries and Lignin Utilisation

**Balaji Sridharan** • **VITO (BE)**

Scaling Up Reductive Lignin Depolymerization: A Sustainable Pathway towards Biomaterials and Green Chemicals

**Viktor Odenbrink** • **Södra Skogsägarna (SE)**

Södra Becomes the World's Largest Kraft Lignin Producer – How?

**Fredrik Malmfors** • **Lignin Industries (SE)**

Scalable, Processable, Renewable, Recyclable and Cost Effective – Lignin-based Plastic Ticks all of the Boxes

**Peep Pitk** • **Fibenol (EE)**

Pioneering the Future of Biomaterials: Fibenol's Journey from Innovation to Industrial Scale

**Marcus Elmer** • **Lixea Sweden (SE)**

High Quality Lignin from Waste Biomass – A Crucial Carbon Source for the Future

### The Future of the Chemical Industry in Europe: Defossilised and Competitive, how can it Work?