

# 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 3

24 September 2025

# Biodegradation

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## Small Hall

### Biodegradation

**N.N. • EU Commission**

Overview on Biodegradation in the Green Deal

**Pauline Ruiz • nova-Institute (DE)**

Where does Biodegradation Make Sense?

**Christian Lott • HYDRA Marine Sciences (DE)**

Rethinking Compostability: Why we Need Environmentally Biodegradable Plastics

**Andreas Künkel • BASF (DE)**

Biodegradability as End-of-Life Option in a Circular Economy: Value and the Path Forward

**Robert Dierkes • Uni Hamburg (DE)**

Identification of Microbial Enzymes for Plastic Degradation: Possibilities and Limitations

**Katrin Schwede • INAK (DE)**

Making Compostability Work: Aligning Biodegradable and Compostable Plastics with EU Policy Goals

**Afsaneh Nabifar • CbDP (DE)**

Compostable by Design Platform: Boosting a Circular Economy with Cross-value Chain Collaboration

**Daniel Steinitz • „bündnis mikroplastikfrei“ (AT)**

Joint Approaches to Reduce Persistent Microplastics in Austria

**Alain Marty • Carbios (FR)**

The Power of Enzymes to Ensure Plastic Circularity

**Anju Massey-Brooker • Royal Society of Chemistry (UK)**

Sustainable Polymers in Liquid Formulations (PLF's) Catalysed by the Royal Society of Chemistry

**Amy Goddard • Croda (UK)**

Sustainable Polymers for a Clean Future, Prosperity Partnerships

## Workshops

### Day 3

**Jan-Harm Urbanus & Paul Könst • TNO (NL)**

AI for Polymers

**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

### Related Workshop at Day 2

**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?

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

