

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



Register now!
renewable-materials.eu



22–24 September • Siegburg/Cologne

Day 3
24 September 2025

Biodegradation

Organiser



Award
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Platin
Sponsor



Gold
Sponsors



Silver
Sponsor



Get Together
Sponsor



Small Hall

9:00–16:00

Biodegradation

Pauline Ruiz • nova-Institute (DE)

Where does Biodegradation Make Sense?

Christian Lott • HYDRA Marine Sciences (DE)

Rethinking Compostability: Why we Need Environmentally Biodegradable Plastics

Maarten van der Zee • Wageningen University (NL)

How to Quantify the Impact Biodegradable Materials can have?

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

Glauco Battagliarin • BASF (DE)

Assessing the Biodegradability of Water-soluble Polymers

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)

& Steve Howdle • University Nottingham (UK)

Sustainable Polymers for a Clean Future, Prosperity Partnerships

Workshops

Related Workshop at Day 2

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?

Further Workshops at 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 & 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)*