ADVANCED RECYCLING Conference 2026

17–18 November 2026

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Main Sessions
Grand Hall

#2026ARC

Parallel Session
Samll Hall
(Room Adelheid)

#2026ARC-2

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Day 1
17 November 2026

10:00–10:10, Grand Hall

Conference Opening

Lars Börger, nova-Institute (DE)

10:10–11:50, Grand Hall

Strategy, Certification & Sustainability

Chairpersons: Lars Krause & Lars Börger, nova-Institute (DE)

10:10
Lara Dammer, nova-Institute (DE)
From Grey Areas to Green Certainty – Advancing EU Regulation for Chemical Recycling

10:30
Lars Krause, nova-Institute (DE)
Mapping of Advanced Recycling Technologies and Global Capacities

10:50
Marc Spekreijse, Circular Plastics NL (NL)
Investing in Circular Plastics: The Dutch Approach to Innovation, Scale-up and Market Development

11:10
Ward Heij, Colesco Capital (NL)
Circular Credit: How to Finance and Scale Asset-heavy Circular Innovations

11:30
Panel Discussion with all Session Speakers

11:50
Lunch Break, Networking & Poster Session

13:30–14:50, Grand Hall

Sustainability & Life Cycle Assessments

Chairpersons: Nadja Wulff & Matthias Stratmann, nova-Institute (DE)

13:30
Matthias Stratmann, nova-Institute (DE)
Sustainability of Recycling Technologies – Effective KPIs and Potential Challenges

13:50
Leena Tähkämö, Neste (FI)
Challenges in LCA of Chemical Recycling of Plastic Waste

14:10
Hanna Karg, ifeu (DE)
Sustainability Trade-offs in Textile Recycling: Insights from Life Cycle Assessment

14:30
Panel Discussion with all Speakers of the Session

14:50
Coffee Break



15:20–17:00, Grand Hall

Pyrolysis Oil Post-processing & Upgrading

Chairpersons: Lars Krause, nova-Institute (DE) &
Gillian Tweddle, Stripe Consulting (BE)

15:20
Jonas Vogt, Institute for Technical Chemistry (ITC) / Karlsruhe Institute of Technology (KIT) (DE)
Downstream Pathways from Plastic Waste Pyrolysis Products to High-Value Petrochemicals

15:40
David McCarthy, Topsoe (DK)
PureStep™: Enabling Scalability on Chemical Recycling through a Proven Hydroprocessing Upgrading Technology

16:00
Yohei Kashiwame, Sumitomo Chemical (JP)
Expanding Feedstock Flexibility in Chemical Recycling: Olefin Production from Waste Plastics Pyrolysis Oil

16:20
Harald Schmaderer, Linde Engineering (DE)
Plastic Pyrolysis Oil as Feedstock for Steam Crackers: Opportunities and Challenge

16:40
Panel Discussion with all Speakers of the Session



15:20–17:00, Small Hall (Room Adelheid)

Textile Recycling & Mixed Plastic Feedstock Preparation

Chairpersons: Asta Partanen & Achim Raschka, nova-Institute (DE)

15:20
Louisa Esposito, Jiaren Chemical Recycling (CN)
From Pilot Validation to Industrial Scale-up: Jiaren's Textile to Textile Recycling Solution

15:40
Klaus Lederer, EREMA Group (AT)
Mixed Plastic Feedstock Preparation: Purification, Plastification, Agglomeration

16:00
Heli Kangas, Valmet (FI)
Chemical Textile Recycling – What does it Take to Scale it?

16:20
Nika Depope, TU Wien/JRC (AT)
Deep Eutectic Solvent as a Solution for Polyester/cotton Textile Recycling

16:40
Panel Discussion with all Speakers of the Session

17:00
Networking with Beer on Tap & Poster Session

19:00
Gala Dinner

21:00
German Bowling

Day 2
18 November 2026

9:00–9:10, Grand Hall

Day Opening

Lars Börger, nova-Institute (DE)

9:10–10:50, Grand Hall

PVC Recycling

Chairpersons: Lars Krause & Lars Börger, nova-Institute (DE)

09:10
Alexander Kronimus, VinylPlus (DE)
Recycling PVC from Pharmaceutical Blister Packs: Developing a Collection System

09:30
Daniel Andreas, Schüco Polymer Technologies (DE)
Mechanical Recycling Excellence: Circular PVC Window Profiles at Virgin Quality

09:50
Martin Schlummer, Fraunhofer Institute for Process Engineering and Packaging IVV (DE)
Dissolution Recycling of PVC Waste Streams

10:10
Eric Romers, INEOS Inovyn (BE)
Advanced Recycling of Post-consumer PVC Waste and Legislation

10:30
Panel Discussion with all Speakers of the Session

10:50
Coffee Break

11:20–12:40, Grand Hall

Depolymerisation Technologies for PET & Si-O-Based Polymers

Chairpersons: Lars Krause & Pauline Ruiz, nova-Institute (DE)

11:20
Masaki Takao, JEPLAN (JP)
JEPLAN's Proprietary PET Depolymerization and Purification Technology

11:40
Marcel Gausmann, re.solution (DE)
Cheaper Protons: Rocket Engineering Methods for World-Scale Chemical Textile Recycling

12:00
Clément des Courieres, Bluestar Silicones (FR)
Silicone Recycling: A Global Vision

12:20
Panel Discussion with all Speakers of the Session

11:20–12:40, Small Hall (Room Adelheid)

Dissolution Technologies

Chairpersons: Michael Carus & Narendar Poranki, nova-Institute (DE)

11:20
Wiebe Schipper, PureCycle (BE)
Scaling Dissolution Recycling: PureCycle's Global Progress Toward a Circular Economy for Polypropylene

11:40
Tom Rose, ReVentas (UK)
Dissolution Recycling for Challenging Applications: Food Contact, BOPP and Automotive

12:00
Panel Discussion with all Speakers of the Session

12:40
Lunch Break & Networking

14:00–15:30, Grand Hall

Thermochemical Recycling

Chairpersons: Lars Krause, nova-Institute (DE)
& Gillian Tweddle, Stripe Consulting (BE)

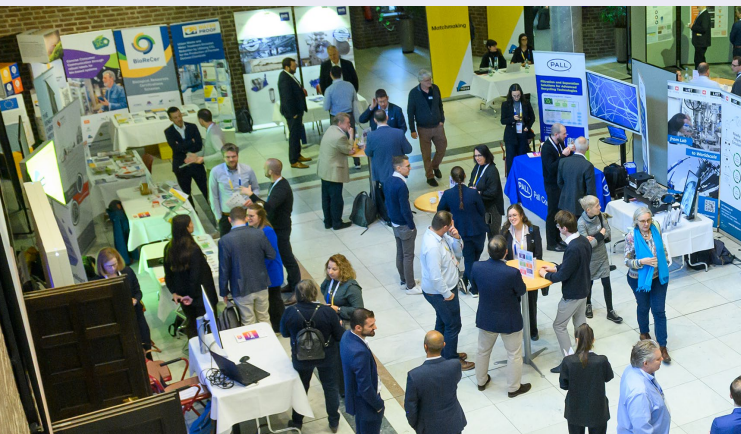
14:10
Marco Tomasi Morgano,
ARCUS Greencycling Technologies (DE)
Closing the Pharmaceutical Loop — Trial Results on Multi-Material Medical Plastics

14:30
Furkan Ahmet Callialp, SynPet Circularity Plant Antwerp (SCPA) (BE)
Closing the Loop on Unrecyclable Plastics: Scale-up of SynPet's Thermal Conversion Process from Demonstration to Commercial Deployment

14:50
Javier Gil, CENER (ES)
From Mixed Plastic Waste to Recycled Chemicals: De-Risking Gasification at Real Scale

15:10
Panel Discussion with all Speakers of the Session

15:30
Coffee Break



16:00–17:30, Grand Hall

Meeting Regulations and Tools for End-to-end Certifications Within the Recycling Loop

Chairpersons: Lars Börger & Michael Carus, nova-Institute (DE)

16:00
Stephan Roest, Borouge International (NL)
The Role of Advanced Recycling to Prepare for European Packaging Regulations: A Plastic Producers Perspective

16:20
Victoria Norman,
SCS Standards and Assurance Systems (US)
Certifying Responsible Chemical Recycling: A New Framework for Accountability

16:40
Burkhard Ohs, ContainerGrid (DE)
Software Platform to Manage Closed-Loop Take-Back-Systems at Scale

17:00
Panel Discussion with all Speakers of the Session

17:20
Final Words

17:30
End of Conference



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