ADVANCED RECYCLING Conference 2022

14–15 November

Cologne, Germany
Hybrid Event

Diversity of Advanced Recycling of Plastic Waste

All you want to know about advanced plastic waste recycling: Technologies and renewable chemicals, building blocks, monomers, and polymers based on recycling

The debut of the "Advanced Recycling Conference (ARC)" will take place over two days in the heart of Cologne, Germany, aiming to clear up the jungle of information by providing an overview and in-depth insight into all available recycling technologies for various streams of different plastics wastes as well as into political topics and environmental impacts.

With the addressed topics the conference provides a new home for technology providers, related industries, waste management companies, plastic manufacturers, brands and investors as well as policy makers and scientists active in the versatile and interdisciplinary field of recycling.
By bringing together all relevant topics and experts, the event provides networking opportunities and a framework for new partnerships, ideas, approaches, and value chains. The conference will be accompanied by a trade exhibition.

Sponsors

ALFA LAVAL

BASF
We create chemistry

advanced-recycling.eu

Day 1
14 November 2022

Advanced Recycling – Status and Outlook

Michael Wiener
DSD – Duales System Holding (DE)
& Carlos Monreal
Plastic Energy (UK)
Closed Loop Recycling – Building Bridges Between Chemical and Mechanical Recycling

Richard von Goetze
Interzero (DE)
& Camiel Steffanie
Eastman (NL)
Chemical Recycling in Germany – What Feedstock can Actually be Used for Chemical Recycling

N.N.
Shell (DE)
Shell's Plastic Circular Economy Ambitions

Maiju Helin
Neste (FI)
Role of Chemical Recycling in Industrial Transformation – Neste View

Andreas Hackl
Next Generation Elements (AT)
Advanced Recycling – From a Technology Provider Prospective

Policy, Financing and Cooperation

Tom Hesselink
KPMG (NL)
The Green Deal: A Game Changer for the Waste Management and Plastics Industries

Lara Dammer
nova-Institut (DE)
From Policy to Implementation – Challenges in the Years Ahead

Marc Borghans
ING (NL)
Financing Innovative Plastic Recycling and Bioplastics Plants

Joop Groen
Circular Biobased Delta (NL)
CBBD Network Chemical Recycling: "The Power of Collaboration"

Diversity of Advanced Recycling

Lars Krause
nova-Institut (DE)
Mapping of Advanced Recycling Technologies for Plastics Waste

Pyrolysis

Tijmen Vries
BioBTX (NL)
Full Carbon Circularity Made Possible

Wolfgang Hofer
OMV Downstream (AT)
OMV ReOil® – Chemical Recycling – A Technology Enabling the Recycling of Plastics Complementary to Mechanical Recycling

Stephan Roest
Borealis (AT)
Borealis, Thinking Circular to Close the Loop

Carsten Larsen
Agilyx (US)
An Integrated Approach to Chemical Recycling

Day 2
15 November 2022

Sustainability and Digitalisation

James Veale
GreenToken by SAP (AU/DE)
Material Traceability for Increased Circularity in the Chemical Industry – A Blockchain-Based Mass Balance Approach Using GreenToken by SAP©

Carolin Deregowski
BASF (DE)
LCA of Chemical Recycling of Mixed Plastic Waste

Virginie Bussières
Pyrowave (CA)
Transparent Communication: A Case Study of the LCA of the Pyrowave-Michelin Project

Matthias Stratmann
nova-Institut (DE)
Sustainability in Advanced Recycling – Assessments and Open Questions

Chemical PET Recycling

Mathias Kirstein
RITTEC Umwelttechnik (DE)
Innovative Back-To-Monomer Recycling – Solution for Mixed PET/Polyester Waste

Franz-Xaver Keilbach
KraussMaffei Extrusion (DE)
Solvent-Based and Chemical Recycling With Single and Twin-Screw Extrusion

Vivek Tandon
revalyu Resources (DE)
A Unique, Fully Commercialised, Chemical PET Recycling Process

Mathieu Berthoud
CARBIOS (FR)
Recycling any Kind of PET Wastes Into any Kind of PET Products: The Power of Biology

Dissolution, Solvolysis and More

Solenne Brouard Gaillot
Polystyvert (CA)
Dissolution of Styrenic Plastics – Purification of Polystyrene and Beyond

Nora Lardiés-Miazza
AIMPLAS (ES)
Composites: EoL Solutions Using Chemical Recycling Technologies

Danka Katrakova-Krüger
TH Köln (DE)
Rubber Recycling

Pre-Processing, Post-Processing & Upgrading

Anne-Marie De Moei
Alfa Laval Technologies (NL/SE)
Alfa Laval Contributions in Chemical Recycling of Tires and Plastic via Pyrolysis

Luis Hoffmann
Sulzer Chemtech (CH)
Overcoming the Challenge of Purification in Chemical Recycling

Klaus Lederer
EREMA Group (AT)
Physical Input Stream Preparation Solutions for Chemical Recycling Technologies

Frieder Dreisbach
TA Instruments – a Division of Waters (DE)
Advancing Circular Economy and Closed Material Cycles by Improving Chemical Recycling Processes Through Thermal Analysis

Jochen Schofer
Coperion (DE)
Recycling Plastics With the Twin Screw Extruder – Challenges and Solutions for Mechanical, Advanced and Solvent-Based Recycling

Topics of the Conference

- Advanced Recycling – Status and Outlook
- Policy, Financing and Cooperation
- Diversity of Advanced Recycling
- Pyrolysis
- Sustainability and Digitalisation
- Chemical PET Recycling
- Dissolution, Solvolysis and More
- Pre-Processing, Post-Processing & Upgrading

Exhibitors

- Alfa Laval
- BASF
- Black IP
- nova-Institut
- Quarzwerke
- TA Instruments

More exhibitors expected:
advanced-recycling.eu/exhibition-booking

Registration Fee

Day 1	Day 2
14 November 2022	**15 November 2022**
600 €*	550 €

895 €*

* incl. dinner buffet

Two days student ticket: 14–15 November 2022 | 350 €*

Registration

www.advanced-recycling.eu/registration

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14–15 November
Cologne (Germany)

Organiser

nova Institute for Ecology and Innovation
nova-institute.eu

Venue

Maternushaus
Kardinal-Frings-Str. 1–3
50668 Cologne, Germany
maternushaus.de

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