

Renewable Material of the Year 2025



Renewable Material of the Year 2025

- For the fifth time the innovation award “Renewable Material of the Year” will be granted for the development of new technologies and applications
- All renewable material solutions in one competition at the unique “Renewable Materials Conference” – from biomass, CO₂ and recycling
- Six innovations were nominated from 19 submissions. The conference participants will choose the winner.



Winners of the Innovation Award

“Renewable Material of the Year 2021”



RENEWABLE
MATERIAL
OF THE
YEAR 2021

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1

INNOVATION AWARD

Organiser



Innovation Award Sponsor



Plantics (NL) & Vepa (NL)
Most Sustainable Chair
Ever from Hemp Fibers
and Thermoset Bioresin

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MATERIAL
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PLANTICS (NL)
& VEPA (NL)



Carbios (FR)
First Clear Plastic Bottles
from Enzymatically
Recycled Textile Waste

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MATERIAL
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YEAR 2021

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CARBIOS (FR)



LanzaTech (US/CH)
CO₂ Recycling for
CarbonSmart Cleaning

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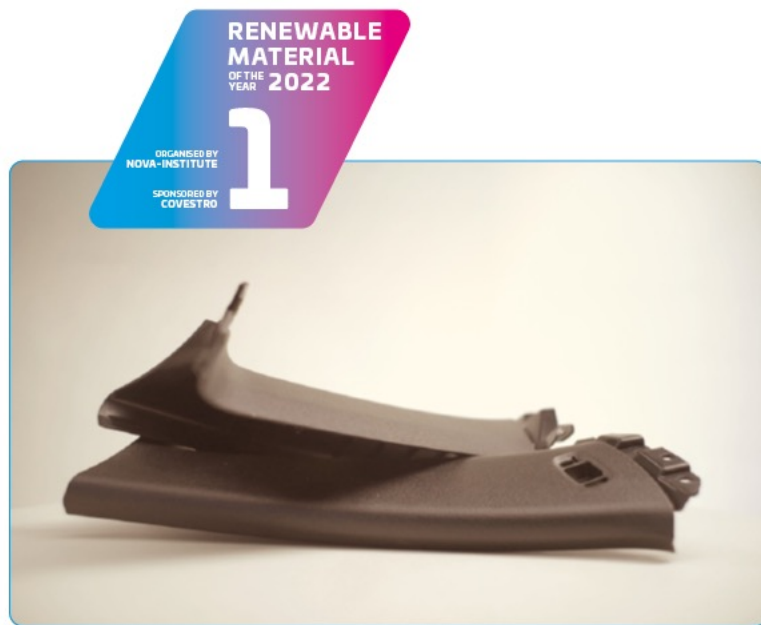
3

LANZATECH (US/CH)

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Winners of the Innovation Award

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Twelve Benefit Corporation (US)
Electrochemical CO₂ Transformation to
Chemicals and Materials



Lactips (FR)
Plastic Free Paper™ with CareTips® –
a Natural Polymer to Rethink Plastic



Eastman (US)
Material-to-Material Molecular
Recycling Technologies

Organiser



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KUORI – Bio-based and Biodegradable Elastic Materials
KUORI (CH)



Carbon-Light Yeast Oil
COLIPI (DE)



traceless® – Plastic-Free Natural Polymer
traceless materials (DE)

Renewable Material of the Year 2024

Winners of the Innovation Award

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RENEWABLE
MATERIAL
2024

1

INNOVATION AWARD



Again (DK): Acetic Acid
and Other Chemicals Derived
from CO₂

RENEWABLE
MATERIAL
2024

2

INNOVATION AWARD



Reselo (SE): Rubber Made
from 100% Birch Bark

RENEWABLE
MATERIAL
2024

3

INNOVATION AWARD



VAUDE Sport (DE): First-ever
Wood-based Polyester Textile
Product

Organiser



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Conference Advisory Board



Tanver Ali
Independent Consultant (UK)



René Bethmann
VAUDE Sport (DE)



Lars Börger
nova-Institute (DE)



Michael Carus
nova-Institute (DE)



Martin Clemesha
Braskem (NL)



Doris de Guzman
Green D Market Analytics
(US)



Reinier Grimbergen
Blue Circle Olefins (NL)



Constance Ißbrücker
Gesamtverband der
deutschen Textil- und
Modeindustrie (DE)



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BASF (DE)



Andreas Künkel
BASF (DE)



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Shell Global Solutions (NL)



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Biobased Circular / GO!PHA
(NL)



Mika Plum
nova-Institute (DE)



Narendar Raju Poranki
nova-Institute (DE)



Ángel Puente
nova-Institute (DE)



Achim Raschka
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CLIB (DE)



Gudbrand Rødsrud
Borregaard AS (NO)



Alastair Sanderson
Private Expert (UK)



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CO₂ Value Europe (BE)



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Gillian Tweddle
Stripe Consulting (BE)



Christopher vom Berg
nova-Institute (DE)



Miriam Weber
HYDRA Marine Sciences
(DE)



Ann Zhang
(CN)

We would like to thank the experts on the conference advisory board for their great help in selecting the best papers and innovations submitted.

Renewable Material of the Year 2025

Nominees for the Innovation Award

All information and
registration at
renewable-materials.eu



Bloom Biorenewables (CH):
The First Ever White Lignin



Borregaard (NO): Innovative Platform
Technology Bright for Renewable
Lignin-based Biopolymers



Cyclize (DE): Mixed Waste
and CO₂ as Feedstock to
Produce Syngas



Sci-Lume Labs (US):
Bylon – a Scalable, Circular,
Biosynthetic Polyamide



Sustanix Materialtech (NL):
Replacing PFAS & Plastics
in Paper Packaging



Trinseo (IT): Next Generation
Recycled Content-Containing
Acrylic Solutions



Winners of the Innovation Award “Bio-Based Material of the Year 2019”

12th International Conference on
Bio-based Materials
15–16 May 2019, Maternushaus, Cologne, Germany

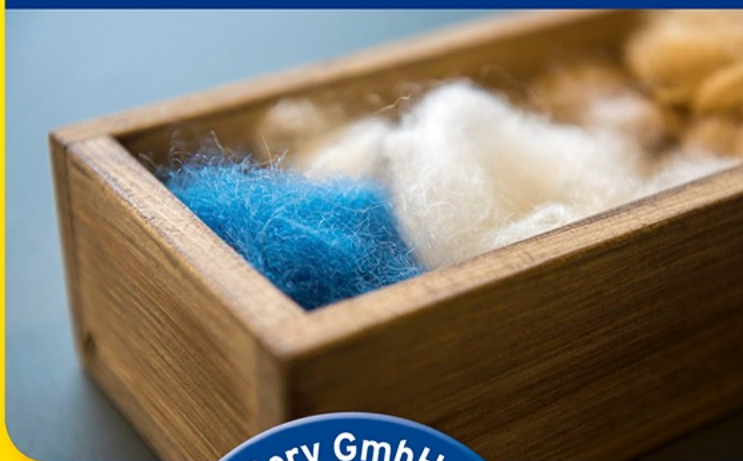
Aakar Innovations (India)

Anandi Eco+ – 100% Compostable Sanitary Pads



Spinnova (Finland)

Spinnova – Sustainable Cellulose-Based Textile Fibre



Golden Compound (Germany)

HOMEcap – Home Compostable Coffee Capsule



Innovation Award „Renewable Material of the Year 2025“



Chairpersons
Michael Carus and Asta Partanen
nova-Institute (DE)
Introduction

16:20 **Michael Carus**
nova-Institute (DE)
Innovation Award Introduction



16:30 **Jaydeep Mandal**
Aakar Innovations Pvt (IN)
Success Story: Bio-Innovation Compostable
Hygiene Solutions



16:40 **Christoph Gürtler**
Covestro Deutschland (DE)
Importance of Innovation

**The six nominees present their innovations
in ten minutes for each presentation**



16:50 **Justine Charmillot**
Bloom Biorenewables (CH)
The First Ever White Lignin



17:00 **Katerina Liapis**
Borregaard (NO)
Innovative Platform Technology Bright for
Renewable Lignin-based Biopolymers



17:10 **Maike Lambarth**
Cyclize (DE)
Mixed Waste and CO2 as Feedstock to Produce Syngas



17:20 **Oliver Shafaat**
Sci-Lume labs (US)
Bylon – a Scalable, Circular, Biosynthetic Polyamide



17:30 **Sarvesh Poddar**
Sustanix Materialtech (NL)
Replacing PFAS & Plastics in Paper Packaging



17:40 **Pascal Lakeman**
Trinseo (IT)
Next Generation Recycled Content-Containing
Acrylic Solutions



17:50 **Online-Voting**
18:00 **Christoph Gürtler**
Covestro Deutschland (DE)
Innovation Award Ceremony

19:00 **Meeting Point for Networking**
Sion im Carré, Neue Poststraße 15, 53721 Siegburg

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Cyclize (DE): Mixed Waste and CO₂ as Feedstock to Produce Syngas



Bloom Biorenewables (CH): The First Ever White Lignin



Sustanix Materialtech (NL): Replacing PFAS and Plastics in Paper Packaging