



Innovation Award “Best CO₂ Utilisation 2025”



Organiser



Award Co-Organiser



Innovation Award Sponsor





“Best CO₂ Utilisation 2025”

- For the 8th time the innovation award “Best CO₂ Utilisation” will be granted for the development of new technologies and applications.
- Six creative and promising inventions have been finally nominated for the “Best CO₂ Utilisation Award”.

The selection was made by a jury consisting of nova-Institute employees experts and the advisory board of the conference.

The audience will elect the three winners.





Conference Advisory Board



Heleen De Wever
VITO (BE)



Christoph Gürtler
Covestro (DE)



Harry Lehmann
PTX Lausitz (DE)



Martin Lindmeyer
YNCORIS (DE)



Sarah Refai
CLIB (DE)



Célia Sapart
CO₂ Value Europe (BE)



Volker Sick
University of Michigan (US)

We would like to thank the experts on the Conference Advisory Board for their great help in selecting the best papers and innovations submitted.



Innovation Award “Best CO₂ Utilisation 2025”

Looking back to the success
of the winners of the recent years





Winners of the Innovation Award “Best CO₂ Utilisation 2019”

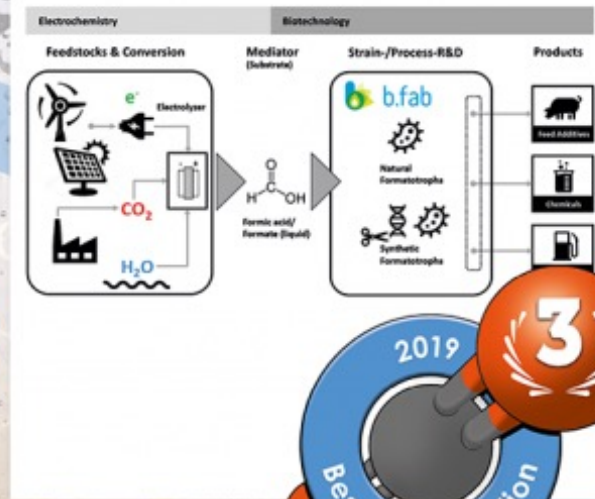
Carbicrete Inc. (Canada)
Carbicrete



Nordic Blue Crude AS (Norway)
Nordic Blue Crude



b.fab GmbH (Germany)
Process for Formate Bioeconomy





Winners of the Innovation Award “Best CO₂ Utilisation 2020”



Air Co. (US)
Air Vodka from CO₂



Electrochaea GmbH (DE)
Electrochaea Power-to-Gas Technology with
Biological Methanation – a grid-scale energy
storage solution



Climeworks AG (CH)
First commercial direct air capture (DAC)
technology

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Winners of the Innovation Award

“Best CO₂ Utilisation 2021”



9th Conference on

CO₂

CO₂-based
Fuels &
Chemicals

Organiser



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Carbon Recycling International (IS)
Emissions-to-Liquids Technology



LanzaTech (US)
CarbonSmart Ethanol



Covestro (DE)
Washing with CO₂-Technology –
Surfactants based on CO₂



Winners of the Innovation Award Best CO₂ Utilisation 2022

co2-chemistry.eu

CleanO₂ Soap

CleanO₂ Carbon Capture
Technologies (CA)



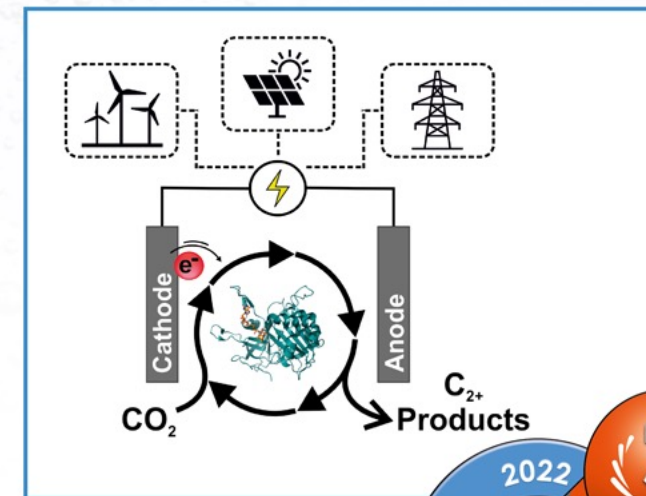
Power To Protein

Avecom (BE)



eBioCO₂n Technology

Fraunhofer IGB, MPI Marburg,
TUM Campus Straubing (DE)



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Industrial Services

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EUROPE**

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nova Institute
for Ecology and Innovation

Best CO₂ Utilisation 2023

Winners of the Innovation Award

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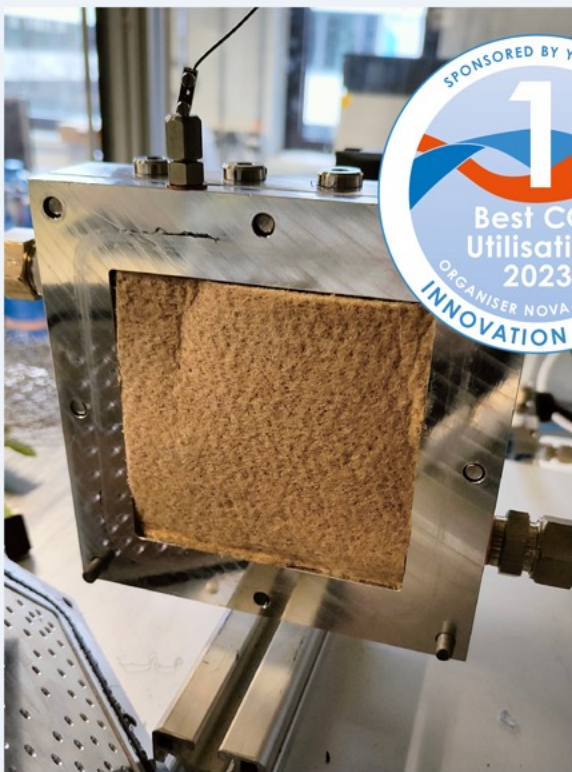
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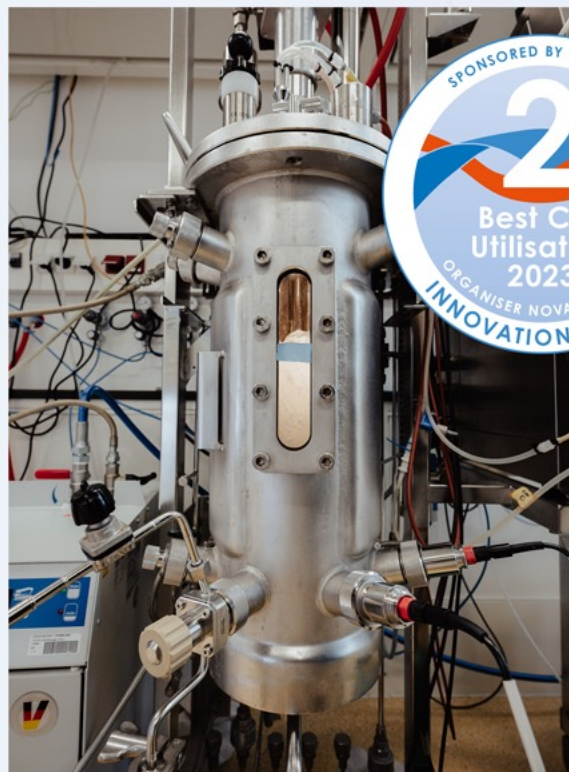
CellCO₂

DITF Denkendorf (DE)



Arkeon

Arkeon (AT)



CarbonBuilt: Ultra-low Carbon Concrete

CarbonBuilt (US)



Best CO₂ Utilisation 2024

Winners of the Innovation Award

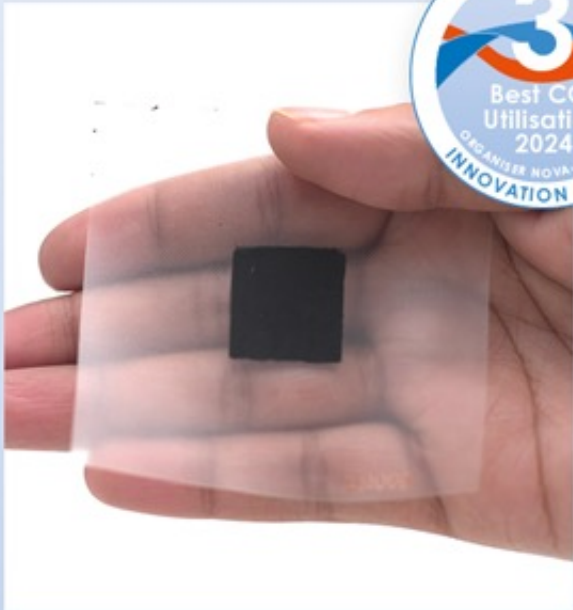
Dioxycle (FR)
Ethylene Producing
Electrolyser



D-CRBN (BE)
Plasma-based CO₂
Conversion



Twelve (US)
E-Jet



Best CO₂ Utilisation 2025

Winners of the Innovation Award

UP Catalyst (EE)
**Battery-grade
Graphite from CO₂**



**Far Eastern New Century
Corporation (TW)**
**FENC[®] TopGreen[®]
CO₂-based NIPU**



Oxylus Energy (US)
**Methanol Producing
Electrolyzer**

