



Press release

nova-Institut GmbH (www.nova-institute.eu)

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Rewriting the Story of CO₂ – Call for Innovations “Best CO₂ Utilisation 2023”

Innovators in the field of carbon capture and utilisation are invited to present their breakthrough technology or product at the Conference on CO₂-based Fuels and Chemicals 2023. Applications for the CO₂ Innovation Award “Best CO₂ Utilisation 2023” are open until 13 February 2023.

While for many decades CO₂ has been on everyone's lips as a driver for climate change, it is increasingly attracting attention as a high-value feedstock for the chemical and fuel industry. To support and encourage pioneers in this field, nova-Institute and Yncoris, in cooperation with CO₂ Value Europe, will award the “Best CO₂ Utilisation 2023” prize at the Conference on CO₂-based Fuels and Chemicals, taking place from 19-20 April 2023 in Cologne, Germany.

Alongside biomass utilisation and recycling, Carbon Capture and Utilisation (CCU) represents one of the three essential pillars for the renewable carbon supply of multiple industries. Supporting the transition towards renewable carbon and the direct use of CO₂ as an alternative carbon source therefore represent key elements to drastically decrease greenhouse emissions (GHG) and move away from fossil fuels.

The award “Best CO₂ Utilisation 2023” celebrates innovative products and technologies in the field of Carbon Capture and Utilisation. The nominees will be selected by an expert jury and the winners will be elected by the audience during the innovation award ceremony (19 April 2023). The deadline for applications is 13 February 2023. Online applications can be submitted at <https://co2-chemistry.eu/award-application/>.

Unlocking the full potential of CCU

From CO₂-based vodka, soap, and protein-rich products, to incorporating CO₂ into highly complex molecules using green electricity, the former winners and nominees have proven that CCU technologies have no limits. However, the full potential of CCU innovations has yet to be discovered. CCU has the potential to fundamentally transform the entire chemical industry and replace fossil carbon with renewable CO₂-based alternatives. The successful upscaling of available solutions has shown, that these innovations can produce large quantities of kerosene, fuels, platform chemicals and chemical building blocks from renewable carbon.

Program, exhibition and sponsoring opportunities

This year's conference will include high profile speakers presenting CCU hot topics in the following sessions: Innovation, Strategy and Policy, Carbon Capture, Power-to-X and Power-to-Fuels, as well as CO₂-to-Polymers and Materials and CO₂-to-Chemicals and Minerals. Find the preliminary program online at: <https://co2-chemistry.eu/program/>.

The conference will be accompanied by a trade exhibition. The fee of a booth (6 m²) is 1,100 € (excl. 19% VAT). This includes a table, table cloths, a pin board, a chair and a power connection, provided by the organiser. Also, one entrance ticket to the conference is included. Exhibitors are welcome to use their own booth system. The booking is made via www.co2-chemistry.eu/exhibition-booking.

A wide range of sponsorship opportunities offers participating companies maximum visibility and impact at the conference. For more information please visit <https://co2-chemistry.eu/sponsoring/>.

Partners

The Conference on CO₂-based Fuels and Chemicals 2023 is supported by numerous industry and trade associations, non-profit organisations, research institutions and interest groups, that are thematically linked to the conference: BCNP Consultants (DE), BIG C -BioInnovation Growth Mega-Cluster (EU), CLIB – Cluster Industrial Biotechnology (DE), IBB – Industrielle Biotechnologie Bayern Netzwerk (DE), kunststoffland NRW (DE), Global CO₂ Initiative (International), Plastics Europe (DE), Renewable Carbon Initiative (International), VoltaChem (NL) and Premium Partner CO₂Value Europe. For further information on our partners please visit <https://co2-chemistry.eu/partners/>.

For registration and further information on the conference please visit <https://co2-chemistry.eu>.

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Dipl.-Phys. Michael Carus (Managing Director)
nova-Institut für politische und ökologische Innovation GmbH
Leyboldstraße 16
50354 Hürth
Germany
Tel: +49 2233 460 14 00

Fax +49 2233 460 14 01

contact@nova-institut.de

Internet www.nova-institute.eu – services at www.renewable-carbon.eu

nova-Institute is a private and independent research institute, founded in 1994; nova offers research and consultancy with a focus on the transition of the chemical and material industry to renewable carbon: How to substitute fossil carbon with biomass, direct CO₂ utilisation and recycling. We offer our unique understanding to support the transition of your business into a climate neutral future.

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