

## Press Release

nova-Institut GmbH ([www.nova-institute.eu](http://www.nova-institute.eu))

Hürth, 27 September 2023



## Catalysing Change – Smart CO<sub>2</sub>-Solutions Wanted for the “Best CO<sub>2</sub> Utilisation 2024” Innovation Award

Innovators at the Forefront of Carbon Capture and Utilisation are Encouraged to Showcase Their Revolutionary Technologies and Products at the CO<sub>2</sub>-Based Fuels and Chemicals Conference 2024

### Submissions are open till 4 February 2024

After being deemed the main cause of climate change for many years, CO<sub>2</sub> is increasingly gaining importance as a valuable feedstock for the chemicals and fuels industry. To recognise and motivate innovators in this field and to showcase innovative technologies and products, nova-Institute will present the “Best CO<sub>2</sub> Utilisation 2024” award. The award is realised in cooperation with the innovation award sponsor Yncoris and the co-organiser CO<sub>2</sub> Value Europe. The innovation award is one of the highlights of the CO<sub>2</sub>-based Fuels and Chemicals Conference 2024, which will take place in Cologne, Germany, on 17-18 April 2024 and online.

An expert jury will select six nominees from all submissions while the winners will be elected by the conference audience in a live vote (17 April 2024). The deadline for applications is **4 February 2024**.

Online applications can be submitted at <https://co2-chemistry.eu/award-application/>.

### From Jet Fuels to Soap, From Shoe-Soles to Vodka – A Feedstock for All Industries

CO<sub>2</sub>-based products show a current capacity of 1.3 million tonnes and are expected to at least quadruple by 2030. Applications range from materials that improve carbon capture to the production of proteins and CO<sub>2</sub>-based chemicals, fuels and building materials and prove that CCU innovations can open the road to transition away from fossil resources.

From CO<sub>2</sub>-based vodka, soap, and protein-rich products to incorporating CO<sub>2</sub> into highly complex molecules using green electricity, former innovation award winners and nominees have proven that CCU technologies have no limits. However, the full potential of CCU innovations has yet to be discovered. 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 and hereby establish CO<sub>2</sub> as a flexible feedstock of the future.

## Abstract Submission, Registration, Exhibition and Sponsoring Opportunities

The Call for Abstracts is still open until 26 November 2023. Enterprises and research institutes interested in presenting their work in the field of CCU can submit their abstract here <https://co2-chemistry.eu/call-for-abstracts/>

Registration for the conference on-site or online is available at <https://co2-chemistry.eu/registration/>.

The conference will be accompanied by a trade exhibition. The booking fee of a booth (6 m<sup>2</sup>) is € 1,400 (excl. 19 % VAT). One full entrance ticket to the conference is included. Exhibitors are welcome to use their own booth system. The booking can be made via [www.co2-chemistry.eu/exhibition-booking](http://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 and Sponsors

The CO<sub>2</sub>-based Fuels and Chemicals Conference 2024 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), BBE – Bundesverband Bioenergie (DE), C.A.R.M.E.N. e.V. (DE), CLIB – Cluster Industrial Biotechnology (DE), CO<sub>2</sub>Value Europe (EU), Global CO<sub>2</sub> Initiative (International), IN4climate.NRW (DE), IBB – Industrielle Biotechnologie Bayern Netzwerk (DE), kunststoffland NRW (DE), Plastics Europe (DE), Renewable Carbon Initiative (International), VoltaChem (NL).

The Innovation Award “Best CO<sub>2</sub> Utilisation 2024” is co-organised by nova-Institute and CO<sub>2</sub> Value Europe and sponsored by Yncoris.

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### **Responsible for the content under German press law (V. i. S. d. P.):**

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nova-Institut GmbH has been working in the field of sustainability since the mid-1990s and today focuses primarily on the areas of circular economy, bioeconomy and CO<sub>2</sub> utilisation.

The independent company supports the chemical and plastics industries in the transition from fossil to renewable carbon – based on biomass, CO<sub>2</sub> utilisation or recycling – through research and science-based consulting. Both in accompanying research for innovation projects and in individual business consulting, nova's interdisciplinary team covers the entire value chain. It works on all topics from raw materials, technology scouting and market research to economics, policy, life cycle assessments and sustainability, as well as support in communication and strategy development. 50 experts from different fields work together to defossilise the industry and create a climate-neutral future.

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