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

PRESS RELEASE

CO₂-based Fuels and Chemicals Conference 2026 – Call for Abstracts Now Open

Leading international event on CO₂ as feedstock invites innovators to showcase their advances in Carbon Capture and Utilisation Technology and Research

Hürth, 03 September 2025: The call for abstracts is now open for the **CO₂-based Fuels and Chemicals Conference 2026**, taking place on 28–29 April 2026 in Cologne, Germany. This hybrid event consistently attracts over 230 international experts from industry, research, and policy, making it a unique meeting place for advancing Carbon Capture and Utilisation (CCU) and Power-to-X technologies. The conference provides a comprehensive overview of the latest developments in transforming CO₂ into fuels, chemicals, polymers, and other materials like e.g. alternative proteins, offering participants unparalleled insights into technological innovations, market trends, and evolving regulatory frameworks. It hereby serves as a crucial platform for knowledge exchange, networking and collaboration, supporting the acceleration of sustainable carbon solutions central to achieving a circular transition and successful transmission to renewable carbon.

Abstract submission is open until 21 November 2025 via <https://co2-chemistry.eu/call-for-abstracts/>.

Why submit an abstract?

By submitting an abstract, participants gain the opportunity to showcase their latest research, industrial applications, and technological breakthroughs to a specialised, influential audience. The conference enables direct engagement with decision-makers and thought leaders who shape the future of CCU, green hydrogen, Power-to-X fuels, and CO₂-based chemicals and materials. Presenters benefit from strategic discussions that foster collaborative partnerships, facilitate business development, and influence policy-making processes. Against the backdrop of the European Union's Net-Zero Industry Act, which recognises CO₂ utilisation as a strategic technology, this event is especially timely. With production of CO₂-based products exceeding 1.5 million tonnes annually and growing swiftly, the conference highlights the expanding scale and commercial relevance of the sector.

Call for posters

The conference also features a dedicated poster pitch session, offering researchers and EU-projects a valuable platform to present their latest findings in a concise, engaging format. This session encourages direct interaction with peers, experts, and industry leaders, fostering exchange, feedback, and potential collaborations.

The call for posters is open until **20 March 2026** via <https://co2-chemistry.eu/call-for-posters/>.

Call for innovations

One event highlight is the innovation award “Best CO₂ Utilisation 2026”. This award sponsored by Yncoris celebrates innovative products and technologies in the field of CCU. The nominees will be selected by a board of leading international experts, while the winners will be elected in a live voting by a vast audience. The innovation award is co-organised by the nova-Institute and CO₂ Value Europe.

Innovations can be submitted until **6 February 2026** via <https://co2-chemistry.eu/award-application/>.

Exhibition and sponsoring opportunities

The CO₂-based Fuels and Chemicals Conference 2026 will feature a dedicated trade exhibition, providing organisations with a prime opportunity to directly showcase their cutting-edge solutions, products, and services to a concentrated audience of key industry players, decision-makers, policy shapers, and peers. Exhibiting at the conference ensures firsthand engagement with stakeholders, fostering valuable business leads and facilitating strategic partnerships in a fast-expanding market. Bookings and individual arrangements can be made via <http://www.co2-chemistry.eu/exhibition-booking>.

Sponsorship packages offer tailored visibility options, from brand placement to thought leadership, maximizing the impact and the positioning of organizations as leader in circular and renewable carbon solutions. More information on sponsoring is available at <https://co2-chemistry.eu/sponsoring/>.

Further information in the CO₂-Based Fuels and Chemicals Conference is available at <https://co2-chemistry.eu>.

The conference is organised by nova-Institute, an internationally recognised leader in renewable carbon and sustainable chemistry research.

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

Dipl.-Phys. Michael Carus (Geschäftsführer)
nova-Institut für politische und ökologische Innovation GmbH

Leyboldstraße 16 Tel: +49 2233 460 14 00
50354 Hürth Fax +49 2233 460 14 01
Germany contact@nova-institut.de

nova-Institut GmbH has been working in the field of sustainability since the mid-1990s and focuses today primarily on the topic of renewable carbon cycles (recycling, bioeconomy and CO₂ utilisation/CCU).

As an independent research institute, **nova** supports in particular customers in chemical, plastics and materials industries with the transformation from fossil to renewable carbon from biomass, direct CO₂ utilisation and recycling.

Both in the accompanying research of international innovation projects and in individual, scientifically based management consulting, a multidisciplinary team of scientists at **nova** deals with the entire range of topics from renewable raw materials, technologies and markets, economics, political framework conditions, life cycle assessments and sustainability to communication, target groups and strategy development.

50 experts from various disciplines are working together on the defossilisation of the industry and for a climate neutral future. More information at: nova-institute.eu – renewable-carbon.eu

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