

Press release

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

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CO₂-based Fuels and Chemicals Conference 2024 – Call for Abstracts and Posters

More than 250 leading international experts in CCU and Power-to-X are expected to attend the hybrid event on 17–18 April 2024, in Cologne, Germany.

Abstract and poster submission is open.

With a current capacity of over 1.3 million tonnes for CO₂-based products and steadily growing demand, smart Carbon Capture and Utilisation (CCU) technologies are helping to establish CO₂ as a renewable carbon feedstock. Innovative technologies and materials are crucial to meet the increasing demand for fossil-free carbon, e.g. derived from CO₂ or biomass, especially in the chemical and fuel sector.

New and leading players demonstrate novel and improved applications based on the use of CO₂ as feedstock. Main topics of the conference include innovation, strategy & policy in CCU, carbon capture technologies, green hydrogen production, Power-to-X for fuels (transportation and aviation), CO₂-based chemicals, materials and polymers, mineralisation and advanced technologies, research for CCU, and artificial photosynthesis.

The CO₂-based Fuels and Chemicals Conference is one of internationally established and has developed into a unique meeting and networking place for the entire Carbon Capture and Utilisation (CCU) and Power-to-X industry and its customers. The upcoming 12th edition will take place on 17-18 April 2024, Cologne, Germany as a hybrid event. Like in previous years, this event will again showcase the latest and most important developments in the fast-growing field of Carbon Capture and Utilisation with plenty opportunities to network.

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

Call for abstracts & posters

Companies and institutes are welcome to present their latest products, technologies or developments – abstracts can be uploaded at <http://co2-chemistry.eu/call-for-abstracts/> and posters at <http://co2-chemistry.eu/call-for-posters/>. Submission deadline for abstracts is **26 November 2023** and for posters **1 March 2024**.

Call for innovations

The prize “Best CO₂ Utilisation 2024” celebrates innovative products and technologies in the field of Carbon Capture and Carbon Utilisation and will be awarded at the CO₂-based Fuels and Chemicals Conference taking place from 17-18 April 2024 in Cologne, Germany (on site and online). The nominees will be selected by leading international experts. The winners will be

elected by a vast audience at one of the world's premier and most prominent conferences on CCU and Power-to-X.

The submission deadline is **4 February 2024**. Innovations can be submitted via <https://co2-chemistry.eu/award-application/>.

Exhibition & sponsoring opportunities

The conference will be accompanied by a trade exhibition. Exhibitors are welcome to use their own booth system.

Booking options are available 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/>.

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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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