

Press release

nova-Institut GmbH (www.nova-institute.eu)
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Call for papers open for the 7th Conference on Carbon Dioxide as Feedstock for Fuels, Chemistry and Polymers

More than 200 leading international experts in CO₂ utilization and 20 exhibitors are expected to attend the “7th Conference on Carbon Dioxide as Feedstock for Fuels, Chemistry and Polymers”, 20-21 March 2019, in Cologne, Germany (www.co2-chemistry.eu). Main topics of the conference are the new political framework, renewable energy and hydrogen production, artificial photosynthesis, carbon capture technologies, CO₂-based fuels, chemicals and polymers as well as mineralisation and proteins.

More and more stakeholders are interested in Carbon Capture and Utilization (CCU) technologies, a fast-moving, industry-driven innovation area. In the last twelve months alone, numerous companies showed their interest in getting involved in this field and several pilot, demonstration and even commercial plants have been planned and built. In addition, the political framework conditions for CCU have improved considerably in recent months: The new version of the Renewable Energy Directive (RED II), which will take effect in 2020, opens the door for all CO₂ uses, including the utilization of industrial exhaust gases for all types of fuels. There are also discussions at the highest political level in the Emission Trading System (ETS) about recognising CO₂ use. Great visions become true potential!

While first commercial production of CO₂-based polymers has been launched already some years ago, additional options are now in play. Several technologies have progressed far enough to allow the production of chemicals and fuels on an industrial scale in the near future – with advanced biotechnology and chemical catalysis. At the same time, renewable energy from solar, wind and hydro power becomes cheaper and more efficient each year. The newest plants, at favourable locations, produce already at the same or even lower price levels as fossil energy sources. A perfect situation for combining cheap and abundant renewables with carbon utilization to store energy and produce renewable fuels and chemicals. Renewable energy and CCU will have large impacts on the energy system of the future and the chemical industry, too.

At the 7th Conference on Carbon Dioxide as Feedstock for Fuels, Chemistry and Polymers, leading players will showcase enhanced and new applications using CO₂ as feedstock. The main topics of the conference are the new political framework, renewable energy and hydrogen production, artificial photosynthesis, carbon capture technologies, CO₂-based fuels for transport and aviation, chemicals and polymers as well as mineralisation and proteins.

As in previous years, experts from the nova-Institute will invite the most outstanding companies and institutes to bring the participants up-to-date on the latest CCU technologies and their implementation. The conference will also highlight the leading trends for the next ten years – particularly in view of the improved political conditions.

Call for papers

Companies and institutes are welcome to present their latest products, technologies or developments – abstracts can be uploaded at www.co2-chemistry.eu/call-for-papers/

Exhibition and sponsoring opportunities

The fee of a booth (6 m²) is only 500 € (excl. 19% VAT). Table, table cloths, a pin board, a chair and a power connection are provided by the organizer. You are welcome to use your own booth system. Simply book your booth at www.co2-chemistry.eu/exhibition-booking/ and provide [Dominik Vogt](#) with a printable logo and your company profile.

All sponsoring opportunities are online at www.co2-chemistry.eu/sponsoring

Join the revolution, visit www.co2-chemistry.eu and meet the leading entrepreneurs of the new industry!

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

Dipl.-Phys. Michael Carus (Managing Director)
nova-Institut GmbH, Chemiepark Knapsack, Industriestraße 300, DE-50354 Hürth (Germany)

Internet: www.nova-institute.eu – all services and studies at www.bio-based.eu

Email: contact@nova-institut.de

Phone: +49 (0) 22 33-48 14 40

nova-Institute is a private and independent research institute, founded in 1994; nova offers research and consultancy with a focus on bio-based and CO₂-based economy in the fields of food and feedstock, techno-economic evaluation, markets, sustainability, dissemination, B2B communication and policy. Every year, nova organises several large conferences on these topics; nova-Institute has 30 employees and an annual turnover of more than 2.5 million €.

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