

## Press release

nova-Institut GmbH ([www.nova-institute.eu](http://www.nova-institute.eu))  
Hürth, 12 August 2019



## nova Session “Technology of the Future: Carbon Capture and Utilisation (CCU)” – Renewable Carbon for kerosene, naphtha, chemicals and polymers

**CCU as a fast-moving, environmental- and industry-driven innovation area attracts more and more stakeholders. Learn, discuss and share with leading Norwegian investor, expert from the aviation fuel industry and from the chemical sector.**

Several start-ups and established companies already launched CO<sub>2</sub>-based utilisation technologies and products, and even more players show their interest in getting involved in this field. Increasingly, they are planning and implementing pilot, demonstration and commercial plants for Power-to-X, low carbon fuels and a CO<sub>2</sub>-based chemistry. This is also stimulated by the improved political framework for CCU: the new version of the Renewable Energy Directive (RED II), which will apply from 2020, opens the doors for all CO<sub>2</sub>-based fuels, including the use of industrial off-gases for all types of advanced fuels. There are also political discussions how to include the CO<sub>2</sub> utilisation in the Emission Trading System (ETS). The German government is looking at low carbon fuels for a transition phase to electric mobility, comprehensive programs for high-volume synthetic fuel production from surplus wind energy are discussed in the summer 2019.

The nova Session “**Technology of the Future: Carbon Capture and Utilisation (CCU)**” will present and discuss all CCU-related topics for beginners and professionals. Besides information given by the nova experts on CCU technologies, examples for their successful implementation and the current and future political framework, the session will also offer room to learn about and discuss on CO<sub>2</sub>-based fuels especially synthetic kerosene as a sustainable alternative aviation fuel with two major experts in this field, **Gunnar Holden from Nordic Blue Crude** and **Rudolf Dörpinghaus from IASA e.V.** The potential of CCU to contribute to climate change mitigation will be discussed with **Arne Kätelhön from the RWTH Aachen University**.

Great visions are becoming real business cases and innovations are starting to realise their potential. Get involved and join the nova Session.

**Date:** 24 September 2019, 10:00 - 16:30 h

**Location:** Wöllhaf Conference Centre, Terminal 1, Airport Cologne/Bonn, Germany

The full programme of the workshop is now available at [www.bio-based.eu/CCU-Session/programme](http://www.bio-based.eu/CCU-Session/programme)

Please register at [www.bio-based.eu/CCU-Session/registration](http://www.bio-based.eu/CCU-Session/registration)

The number of participants is limited.

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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 bio-based and CO<sub>2</sub>-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 3 million €.

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