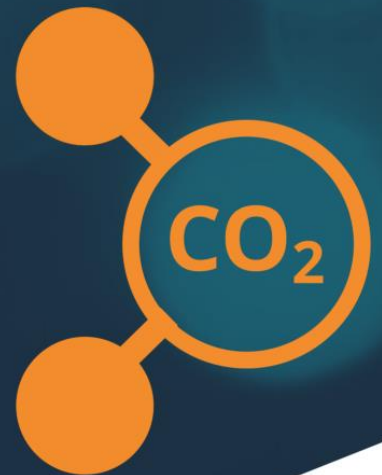


Opportunities and Challenges of CC(U)S

 11th December 2020, 2-4 pm (CET)

 Online Event

 Energy professionals ≤ 35



Young Energy Forum 2020 Part II

Opportunities and challenges of CC(U)S

The achievement of net-zero emissions goals requires a profound transformation of the energy system based on a broad suite of technologies. Carbon capture, utilisation and storage (CCUS) is considered as part of the solution to reach Paris climate goals. It can contribute to reducing emissions from combustion and industrial processes, which are hard to avoid. Technologies to increase the utilisation of CO₂ are part of circular economy strategies to avoid emissions. Additionally, certain CCUS technologies allow for a removal of CO₂ from the atmosphere as means of reaching “net zero” goals.

New pilot projects and strengthened climate goals have witnessed a new momentum behind CCUS. A handful of governments are pushing CCUS technologies by granting attractive support conditions. However, the current deployment of CCUS is still at infant stage and it narrows around chemical industries, refineries and oil & gas extraction. Public acceptance challenges, dire policy support, missing transportation equipment and cost overruns are slowing the progress in CCUS.

The second virtual Young Energy Forum organized by the Young Energy Professionals of the World Energy Council - Germany revolves around the role of CCUS for a cleaner and more resilient energy sector. It explores the **status, outlook, opportunities and challenges of CCUS** in an online panel discussion. A selected group of key experts and decision-makers from industry and academia speaks at the event.

We cordially invite young professionals (up to 35 years) from the energy sector to participate at our second virtual Young Energy Forum on **11th December 2020** at **2.00 - 4.00 pm (CET)**.

SPEAKERS

Adam Baylin-Stern / International Energy Agency (IEA)

The current global status and outlook of CCUS

Stefanie Kesting (TBC) / CO₂ Value Europe Association

Carbon utilisation in Europe

Dr. Sabine Fuss / Mercator Research Institute on Global Commons and Climate Change (MCC)

Carbon removal as means of achieving climate targets

Dr. Erika Bellmann / Worldwide Fund for Nature (WWF)

Controversies around CCUS

Dr. Florian Moellenbruck / Mitsubishi Power Europe GmbH

Current applications of carbon capture in the power sector

Abdulaziz S. Al-Qasim, PhD / Saudi-Aramco

Current applications of carbon capture in industrial sectors

Dr. Per Sandberg / Northern Lights, Equinor

Current applications of carbon storage

Registration: [Please register for the event here.](#)

Should you have any questions or remarks, please contact Irina Stamo stamo@weltenergierat.de.

Host and Support: Young Energy Professionals of the World Energy Council – Germany - Support by Hertie Energy & Environment Network HEEN of the Hertie Foundation

