

International Online Seminar

“The Role of Fossil Fuels in a Decarbonized World”

28 March 2025

The ongoing disasters attributable to climate change are strong signals for action to reduce GHG emissions. The conclusions of the IPCC report on staying within 1.5 °C being equivalent to keeping with a CO₂ budget and achieving net zero GHG emissions by 2050 are widely accepted. At the same time securing reliable energy supply to a world population, increasing to 10 billion people by 2050, is a task which cannot be met by renewables alone in this time frame in spite of the tremendous progress of PV and batteries. While natural gas and even coal industry can be successfully adapted to the carbon neutrality, this looks more challenging for oil. The question is what combination of intermittent renewable energy marked up by batteries and of traditional fossil fuels but with CCS can meet this dual challenge. This raises questions of technology development and deployment, but also of different regional approaches and of using existing investment and infrastructure.

While there is understandable focus on renewable, less attention is paid to reliable energy supply, which is dominated by fossil fuels contributing globally three quarter of primary energy.

To contribute to this discussion Energetika invites to an online seminar on the “The Role of Fossil Fuels in a Decarbonized World” on 28 March 2025. Participation is free, subject to registration; languages will be English and Russian, simultaneous translation will be provided.

Program

10:00 -12:30 **Welcoming remarks**
(MSK)

Part 1: Perspectives of different fossil fuels

Chair: Dmitry Vasilenko, UNECON

- *The role of coal in the energy transition, **Irina Mironova**, Independent Expert*
- *Oil: Given the decarbonization of mobility by BEV and FCV what is the future of oil consumption and of the industry?, **Rabee Almukhallati**, General Manager , Ali & Sons Oil-Field Supplies & Services Company (TBC);*
- *What role for natural gas as the fossil fuel with least CO₂ emissions?*
 - **Jens Völler**, Team Consult G.P.E. GmbH (Germany)
 - **Aleksey Belogoriyev**, “Institute for Energy and Finance” Foundation (Russia)

14:00 – 16:30
(MSK)

Part 2: Perspectives of different fossil fuels

Chair: Aleksey Kobzev, Kazakh -German University (DKU)

- *China's Role in Global Green Transition: Opportunities and Challenges*, **Feng Song**, Professor, School of Applied Economics, Renmin University of China
- *ASEAN Coal Conundrum: Bridging Energy Access and Net-Zero Ambitions*, **Suwanto**, ASEAN Centre for Energy

Panel discussion: “The Perspectives of Fossil Fuels between Reliability and Reduction of CO2 Emissions”

Chair: Ralf Dickel, Independent Expert

Panelists:

- **Ralf Dickel**, Independent Expert (Germany);
- **Feng Song**, Professor, School of Applied Economics, Renmin University of China;
- **Thomas Geisel**, Member of European Parliament (Germany);
- **Evrin Eken**, St Petersburg State University (Turkey);
- **Aleksey Belogoriyev**, “Institute for Energy and Finance” Foundation (Russia).

16:30 **Concluding remarks**