

International Hybrid Workshop

**“Energy and Climate: Persisting Challenges in a Changing World”**

15 - 16 May 2025

Budapest, Hungary

The Energetika 21 International Conference invites for an international workshop in Budapest with parallel online participation on **“Energy and Climate: Persisting Challenges in a Changing World”**.

**Background:**

The new US administration in office since 20 January 2025 has taken actions which impact on energy and climate both on a national level and on an international level: withdrawal from the Paris Agreement, reduction of staff of the EPA and other relevant offices, more flexibility for LNG exports and new energy infrastructure inside the US and reestablished talks between the two nuclear and energy major powers - USA and Russia.

At the same time the global challenges of climate change and of the discrepancies between the global north and the global south persist, requiring joint or at least coordinated actions on development, roll out and financing of low carbon technologies, topics which Energetika has continuously addressed in the past.

This workshop will continue to address the dichotomies between North and South due to geography and economic development challenges as well as the dichotomy between GHG emitting fossil fuels, mainly gas, and intermittent renewables and discuss the technology development paths to reliable energy supply and to decarbonization.

In particular, it will look at the differences between countries with different level of industrialization, their approach to economic growth and decarbonization, the implications of geographic situation. It will address the implications for the decarbonization pathways and for the necessary cooperation for investment and financing. In parallel the workshop will look at the role of fossil fuels, mainly gas, which need decarbonization and renewables, which need storage to bridge the intermittence of most renewables.

**Organizational issues:**

The workshop will take place in Budapest with the option to participate online. The language of the workshop is English. Participation is free, subject to registration and available places. To register, please, contact the Organizing Committee – [energetika@unecon.ru](mailto:energetika@unecon.ru).

## Preliminary program

**Time:** Budapest time zone (CEST)

**Venue:** UP Hotel Budapest, Csengery Street 31, Budapest

**15 May 2025**

**Day 1**

**10:00 – 10:15 Welcoming remarks**

**10:15 – 13:00 Plenary Session: Challenges in a Fast Changing World**

**Chair: Dmitry Vasilenko**, St. Petersburg State University of Economics (UNECON)

**10:15 – 11:15 Part I**

- *Potential for Cooperation on Renewables and Gas amongst the BRICS+ Countries*, **Luciano Losekann**, Fluminense Federal University (UFF-Brazil)
- *Opportunities of BRICS+ cooperation within the framework of the energy transition paradigm: is a New Economic Consensus possible?*, **Sofia Rekord**, St. Petersburg State University of Economics (UNECON)
- *Role of government in promoting the transition to green consumption*, **Zhang Zhongwen**, School of Applied Economics, Renmin University of China (online)

**11:15 – 11:45 Coffee break**

**11:45 – 13:00 Part II**

- *Economic and technology developments favouring decarbonization of energy supply*, **Ralf Dickel**, Independent Expert
- *Recent LNG Market Developments*, **Aleksey Belogoryev**, “Institute for Energy and Finance” Foundation

**13:00 – 14:15 Lunch**

**14:30 – 18:00 Two parallel streams**

## **Stream 1: North - South Differences and Potential for Cooperation**

**Chair: Sofia Rekord**, St. Petersburg State University of Economics (UNECON)

**14:30 – 16:00**

### **Session 1: Decarbonization as a cradle for innovations and technological development: experience from BRICS+ countries**

- *A revival of nuclear power by small modular reactors*, Oleg Stepanov, OKB “Gidropress” (online)
- *(Un)intended Consequence of Extreme Heatwaves on Air pollution and Its Associated Social Cost: Evidence from the Power Sector in China*, **Sun Pin**, School of Applied Economics, Renmin University of China (online)
- *Natural Gas in the transport sector of Russia and China: Status and prospects for development*, **Elena Gorbashko**, St. Petersburg State University of Economics (UNECON)

**16:00 – 16:30**

**Coffee break**

**16:30 – 18:00**

### **Session 2: BRICS+ countries potential for cooperation in a pursuit to a common decarbonized future**

- *BRICS: Lessons to learn from each other*, **Andrey Sapozhnikov**, Working Group on Energy, Russian part of the BRICS Business Council (online)
- *Initiatives, Challenges&Achievements in Decarbonising India*, **Vivek Nanoti**, LT JSS - Priyadarshini Group of Institutions, Nagpur (online)
- **Aleksey Kobzev**, Kazakh -German University (DKU) (online) (TBC)
- *ASEAN perspective on energy*, Representative from ASEAN Centre for Energy (online)
- *Financing and import of renewable technology*, **Julian Bowden**, Oxford Institute for Energy Studies (online)

**In parallel:**

### **Stream 2: Decarbonizing Fossil Fuels and Storing Renewable Energy**

**Chair: Aleksey Belogoryev**, “Institute for Energy and Finance” Foundation

**14:30 – 16:00      Session 1: Experience with providing reliable energy**

- *System services for power grids in a renewable world*, **Michael Kranhold**, Independent Expert
- *What future for the Nord Stream pipelines?*
- *The Revival of NordStream – Feasible? Desirable?*, **Claus Bergschneider**, CBC consulting & engineering GmbH  
- *A role for the US ?*, **Igbal Guliev**, MGIMO University
- *Turkish-Russian Gas Relations: Implications for Eurasian geopolitics and geoeconomics*, **Irina Mironova**, Independent Expert, **Evrin Eken**, Saint Petersburg State University (online)

**16:00 – 16:30      Coffee break**

**16:30 – 18:00      Session 2: Development and Deployment of Critical Technology**

- *The potential and limits of hydrogen*, **Martin Lambert**, Oxford Institute for Energy Studies
- *CCS as a means of decarbonizing power generation*, **Jens Völler**, Team Consult G.P.E. GmbH
- *Decarbonizing energy intensive industry at the example of cement and steel*, **Ali Abdelshafy**, Independent Expert (online)
- *Current status of CCS technologies*, **Ekaterina Grushevenko**, Fuel and Energy Complex Analytical centre (online)

**18:00                  Reception**

**16 May 2025**

**Day 2**

**9:30 – 11:00**

**Young Researchers' Session, Pro / Contra Discussion:  
Will the Global South become the winner of the energy transition?**

**Chair: Heiko Lohmann**, Gas Market Expert

Discussants:

- **Zak Bushell**, Hochschule Bielefeld – University of Applied Sciences and Arts
- **Adrian Gao**, SciencesPo/Paris School of International Affairs
- **Alexander Rudolf**, University of Potsdam
- **Pietro Gioia**, SciencesPo/Paris School of International Affairs
- **Tara Steinert**, Hochschule Bielefeld – University of Applied Sciences and Arts
- **Isha Hiremath**, SciencesPo/Paris School of International Affairs
- **Tatiana Remy**, SciencesPo/Paris School of International Affairs

**11:00 – 11:30**

**Coffee break**

**11:30 – 12:30**

**Panel session: What implications of changing political situation on energy and climate mitigation?**

**Chair: Igbal Guliev**, MGIMO University

**Panelists:**

- **Thomas Geisel**, European Parliament
- **Sofia Rekord**, UNECON
- **Luciano Losekann**, Fluminense Federal University

**12:30**

**Closing remarks**

**13:00**

**Farewell lunch**