



**ENERGETIKA 21**

**EAKZ**

**Program of the International Hybrid Workshop**

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**“Decarbonization: a Common Target,  
but Different Pathways”**

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**17-18 OCTOBER 2024  
ALMATY, KAZAKHSTAN**



**AL-FARABI KAZAKH NATIONAL UNIVERSITY, AL-FARABI LIBRARY, CONFERENCE HALL 409,  
AL-FARABI AVENUE 71/27.**



17  
october

11:00 – 11:15 Welcoming remarks



**Zhanseit Tuimebayev**

Chairman of the Board - Rector,  
Al-Farabi  
Kazakh National University



**Dmitry Vasilenko**

Vice-rector for International relations,  
UNECON/Deputy Chairman, Organizing  
Committee, "Energetika 21" International  
Scientific Conference



**Almaz Abildayev**

Director, "Energy Aspects  
of Kazakhstan" center

• ONLINE

11:15 – 12:45 Session 1: Pathways depending on development and geography

Chair:

Dmitry Vasilenko, UNECON

**Meeting the Climate Target: the Role of Economic Development  
and Geography**

Ralf Dickel, Independent expert



• ONLINE

**BRICS countries on the International Climate Agenda**

Aleksandra Lysova, Center for Sustainable Development, Gazprombank;  
Group for Trade and Investment, BRICS Business Council

**Decarbonization in Kazakhstan: Economic Efficiency, Energy Security and Global Markets**

Aleksey Kobzev, Kazakh-German University (DKU)



12:45 – 14:00 Lunch Break



14:00 – 15:30 Session 2: Country examples from different regions

Chair:

Aleksey Belogoryev, Institute for Energy and Finance Foundation, Moscow

ONLINE

On Importance of the Integrated Approaches linking Mitigation and Adaptation Actions in Terms of Environmental and Socio-political stability and sustainable development

Fuad Humbatov, Academy of Public Administration under the President of the Republic of Azerbaijan; Ministry of Ecology and Natural Resources of the Republic of Azerbaijan



Role of Natural Gas in Energy Transition: Brake or Driver for Decarbonisation?

Aleksey Belogoryev, Institute for Energy and Finance Foundation, Moscow

ONLINE

Decarbonization in Brazil: The Strategic Role of Nuclear Energy

Julian Marco Barbosa Shorto, Nuclear Engineering Center (CEENG), Nuclear and Energy Research Institute IPEN/CNEN, Brazil



ONLINE

Initiatives, Challenges & Achievements in Decarbonising India

Vivek Nanoti, LT JSS - Priyadarshini Group of Institutions, PCE Welfare Foundation, India

ONLINE

Framing the Ambition of Carbon Neutrality in the UNECE region

Igor Litvinyuk, United Nations Economic Commission for Europe



15:30 – 16:00 Coffee break

16:00 – 17:30 Panel discussion: Different Financing Approaches for Decarbonization of the Global North and the Global South



Chair:

Aleksey Kobzev, Kazakh-German University (DKU)



Ralf Dickel

Independent expert, Germany



Aleksey Belogoryev

Institute for Energy and Finance Foundation, Moscow



Michael Sipos

Independent expert, Romania

18:00 Dinner for experts

**18**  
october

**10:00 – 11:30** Session 3: Technology approaches, their mix for different countries

Chair:

Michael Kranhold, 50Hertz Transmission GmbH

• ONLINE

**Capturing and Collecting CO<sub>2</sub> in the Cement Industry**

Ali Abdelshafy, RWTH Aachen University



**Grid Integration of Renewables – Strategic and Operational Challenges**

Michael Kranhold, 50Hertz Transmission GmbH

• ONLINE

**Carbon Dioxide Removal (CDR): Current State and Prospects**

Ekaterina Grushevenko, The Skolkovo Institute of Science and Technology (Skoltech)



• ONLINE

**Hybrid Heating Solutions involving Heat Pumps**

Jens Völler, Team Consult G.P.E. GmbH

**11:30 – 11:45** Coffee break

**11:45 – 13:15** Panel: Young researchers discussion



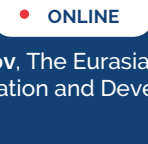
Chair:

Irina Mironova, European University at St. Petersburg



Chair:

Maxim Titov, The Eurasian Fund for Stabilization and Development



Bekzhon Makhmudov

Kazakh-German University (DKU)

Aidana Kuandykova

Al-Farabi Kazakh National University



Abylaikhan Soltanayev

Almaty University of Power Engineering and Telecommunications/DKU



• ONLINE

Diaa Behary

Saint Petersburg Polytechnic University/Global Energy Community



• ONLINE

Ионас Гибелер

Hochschule Bielefeld - University of Applied Sciences and Arts



• ONLINE

Alexander Rudolf

University of Potsdam

**13:15 – 13:30** Closing remarks

**13:30** Farewell lunch