



ENERGETIKA 21

EAKZ

Program of the International Hybrid Workshop

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

**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 CO₂ 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



Aidana Kuandykova

Al-Farabi Kazakh National University



Abylaikhan Soltanayev

Almaty University of Power Engineering and Telecommunications/DKU



Bekzhon Makhmudov

Kazakh-German University (DKU)



Diaa Behary

Saint Petersburg Polytechnic University/Global Energy Community



Jonas Giebeler

Independent researcher, Bielefeld



Alexander Rudolf

University of Potsdam

13:15 – 13:30 Closing remarks

13:30 Farewell lunch