

Upcoming Technology Solutions

GREEN ENERGY IN THE ARCTIC

As part of the Green Energy in the Arctic Conference

The priority of Russia's chairmanship in the Arctic Council is 'Responsible Governance for a Sustainable Arctic'. In this context, the region's development should not only take into account the vulnerability of the Arctic, but also its potential contribution to assisting with the transition to a low-emission economy and, consequently, to the fulfilment of the goals and objectives of the Paris Climate Accords. Regional development must be based on advanced innovative technologies, which includes expanding the use of renewable energy sources in an effort to improve the living standards of the Arctic population. Numerous modern challenges, including the growing role of renewable energy sources, involve complex issues that go beyond technologies in such areas as economics, regional development, and more. This integrated approach helps to understand the complexity of building a space for a 'transformational dialogue' in which conditions are created for the opportunity to hear, understand, and see the various aspects of these complex problems through the equal participation of stakeholders. What challenges and threats does the Arctic face amidst this 'technological transition'? What prospects exist for developing nuclear power generation in the Arctic? Can the development of hybrid energy projects in the Arctic (diesel generation + RES) increase the availability of renewable energy for consumers in the Arctic zone of the Russian Federation? How can the development of a gas chemical cluster based on the resources of the Yamal Peninsula contribute to a low-emission economy?

Moderator:

Kirill Komarov, First Deputy General Director, Director of the Development and International Business Unit, ROSATOM State Atomic Energy Corporation

Panellists:

Roman Berdnikov, First Deputy General Director, Member of the Management Board, RusHydro

Oleg Aksyutin, Deputy Chairman of the Management Committee - Head of 623 Department, Gazprom

Alexey Chekunkov, Minister of the Russian Federation for the Development of the Far East and the Arctic

Andrey Chibis, Governor of Murmansk Region

Darya Gerasimenko, Professor for Sustainability Science, Samara (State Aerospace) University (SSAU); Lecturer in Economics, University of St. Gallen (HSG)

Gadzhimagomed Huseynov, First Deputy Minister of the Russian Federation for the Development of the Far East and the Arctic

Nikolay Korchunov, Ambassador-at-Large of the Ministry of Foreign Affairs of the Russian Federation

Aysen Nikolaev, Head of Sakha Republic (Yakutia)

Vasily Osmakov, First Deputy Minister of Industry and Trade of the Russian Federation

Stephane Zweguintzow, General Director, Enel Russia

Petr Bobylev, Deputy Minister of Energy of the Russian Federation

Alison LeClaire, Ambassador Extraordinary and Plenipotentiary of Canada in the Russian Federation

Malena Mard, Ambassador Extraordinary and Plenipotentiary of the Kingdom of Sweden to the Russian Federation

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Arni Thor Sigurdsson, Ambassador Extraordinary and Plenipotentiary of the Republic of Iceland in the Russian Federation

Carsten Sondergaard, Ambassador Extraordinary and Plenipotentiary of the Royal Danish in the Russian Federation

John Sullivan, Ambassador Extraordinary and Plenipotentiary of the United States of America In Russian federation

Falk Tischendorf, Official Representative of the Federal State of Mecklenburg-Western Pomerania (Germany) in Russia; Partner, BEITEN BURKHARDT Russia; Chairman of the Committee for Localisation and Industrial Production, Russian-German Chamber of Commerce