

14th November 2018

Venue: Courtyard Marriott Hotel, 166 Griboedov's Canal, via 33 Kanonerskaya Street, St. Petersburg

Pre-Conference Workshop on “De-carbonizing Natural Gas”

“Tolstoy A” Hall

10:00 – 10:30 Registration (Foyer of the first floor)

10:30 – 10:45 Welcoming speech

**10:45 – 13:00 Session 1: Generic Issues
(11:45 – 12:00 Coffee break)**

Chair: Peter Klingenberger, Senior advisor, Uniper Energy Storage GmbH

- ***The Need for De-carbonizing Natural Gas***, Ralf Dickel, Independent expert, Düsseldorf, Germany
- ***Climate Paths for Germany: Strategies for a Successful GHG Reduction until 2050***, Hanno Falkenberg, Prognos AG
- ***Demand for Hydrogen in Decarbonizing European Energy Markets***, Simon Schulte, Research Associate, EWI

13:00 – 14:00 Lunch, “Poema” Restaurant

14:00 – 16:00 Session 2: Supply of GHG Free Hydrogen

Chair: Konstantin Romanov, Head of the Department, Gazprom

- ***Upstream Steam Reforming of Natural Gas***, Mark James, Managing Director, Berkeley Research Group (UK) Ltd.
- ***Norwegian Shelf for CO₂ Storage***, Van T. H. Pham, Senior Reservoir Engineer, Jasminka Mujezinović, Senior Geologist, Norwegian Petroleum Directorate

16:00 – 16:15 Coffee break

16:15 – 18:15 Session 3: Potential Demand for Hydrogen

Chair: Ralf Dickel, Independent expert, Düsseldorf, Germany

- ***Hydrogen in the Energy Transition in the Netherlands***, Sybren de Jong, Manager Strategic Market Modelling, N.V. Nederlandse Gasunie
- ***Potential of Methane Cracking***, Konstantin Romanov, Head of the Department, Gazprom
- ***Hydrogen. Gas Quality Perspective***, Evgeniy Koloshkin, Logistics and Gas Storage Department, Gazprom export

18:15 – 18:30 Closing remarks

18:30 – 19:30 Welcoming cocktail

15th November 2018

Venue: Courtyard Marriott Hotel, 166 Griboedov's Canal, via 33 Kanonerskaya Street, St. Petersburg

9:00 – 10:00 Registration (Foyer of the first floor)

10:00 –10:15 Ceremony of the official opening (“Tolstoy” Hall)

- Welcoming speech of the Rector of St. Petersburg State University of Economics (UNECON) prof. **Igor Maksimtsev**
- Welcoming speech of Chairman of the Management Committee, Gazprom **Alexey Miller**

10:15 – 13:30 Plenary session on Recent Energy Developments (“Tolstoy” Hall)

(11:30–12:00 Coffee break)

Chair: Dmitry Vasilenko, Vice-rector for International Relations, UNECON

- ***The Role of Gas in the EU Energy Balance***, Nikolay Kislenko, Director General, Niigazekonomika
- ***Recent Developments in Global Gas Markets***, James Henderson, Director, Natural Gas Programme, Oxford Institute of Energy Studies
- ***The Role of Gas in the Transforming Russian Energy Strategy***, Tatiana Mitrova, Director of the Energy Center, Moscow School of Management SKOLKOVO
- ***Progress of Nord Stream 2 and Remaining Challenges***, Sergey Serduykov, Chief Technical Officer, Nord Stream 2 AG
- ***Energy Security as a Global Partnership***, Aurangzeb Qureshi, Energy Analyst, International Energy Forum
- ***The Perfect Storm: Navigating the Sustainable Energy Transition***, Alexander Van de Putte, Professor and Fellow, Energy Delta Institute

13:30 – 13:40 Taking photos

13:40 – 14:45 Lunch, “Poema” Restaurant

14:45 – 18:00 Parallel Work Streams

(16:15 – 16:45 Coffee break)

WS1: Recent Developments of Energy Markets (“Tolstoy A” Hall)

Chair: Vasily Zinin, Head of Division, Gazprom/ Denis Demin, Head of Strategic Analysis, Gazprom Neft

- ***Impacts of Ceiling on Groningen Production***, Sybren de Jong, Manager Strategic Market Modelling, N.V. Nederlandse Gasunie
- ***Actual Trends of Energy Markets Development***, Vasily Zinin, Head of Division, Gazprom

- ***Major Events in the Oil Market: Expectation and Reality***, Denis Demin, Head of Strategic Analysis, Gazprom Neft
- ***Global LNG Markets***, Manfred Hafner, Professor in International Energy Studies, Paris School of International Affairs
- ***North East Asian Gas Market at a Crossroads: Prospects for Market Structure Development***, Irina Mironova, European University at St. Petersburg
- ***Will the Growth of LNG Supply Influence the Pricing on European Gas Market?***, Sergey Komlev, Head of Contract Structuring and Price Formation Directorate, Gazprom export
- ***Short-term Forecasting for the European Gas Market with Machine Learning Algorithms***, Grigoriy Fridman, Professor, Department of Applied Mathematics and Economic and Mathematical methods, UNECON
- ***China Gas Starvation: Above Expectations, Against Stereotypes***, Alexey Grivach, Deputy Director General, National Energy Security Fund
- ***Yamal LNG and Global Production Networks***, Jussi Huotari, Researcher, Aleksanteri Institute, University of Helsinki

WS2: EU- Russia (“Tolstoy B” Hall)

Chair: Marc-Antoine Eyl-Mazzega, Director of Centre for Energy, IFRI/ Dr. Sofia Rekord, Head of the Chair of World Economy and International Economic Relations, UNECON

- ***Perspectives of EU Gas Markets and Implications for EU-Russia***, Marc-Antoine Eyl-Mazzega, Director of Centre for Energy, IFRI
- ***Progress of Ukrainian Energy Sector***, Simon Pirani, Senior Research Fellow, Oxford Institute of Energy Studies
- ***The Impact of Natural Gas on the German-Russian Relations***, Holgar Kolley, External Energy and Resources Policy, Foreign Office of the Federal Republic of Germany
- ***The Ukrainian Transit System, a Part of the Former Soviet Unified Gas System: Design and Implications***, Yuri Zaitsev, Advisor to Director General, Gazprom export 2010-2015.
- ***Nord Stream 2: What has to be Regulated and What not?***, Alex Barnes, Government Relations Advisor, Nord Stream 2 AG

WS3: The role of infrastructure (“Chekhov” Hall)

Chair: Michael Kranhold, Director Customer Management, 50 Hertz Transmission GmbH/ Pavel Metelev, Deputy Director of Higher Economic School, UNECON

- ***50Hertz: Infrastructure to Integrate Renewable Energies***, Michael Kranhold, Director Customer Management, 50 Hertz Transmission GmbH
- ***Optimal Planning of Net Zero Energy Systems in Rural Areas***, Bartłomiej Arendarski, Project Manager, Fraunhofer Institute for Factory Operation and Automation IFF
- ***EUGAL: pioneer for incremental capacities***, Götz Müller von der Grün, GASCADE Gastransport GmbH

- ***BRUA for New Gas Exports in SEE***, Michael Sipos, Independent expert, Romania
- ***The Potential of Small Scale LNG***, Jörg Blaurock, Head of Business Unit LNG, Team Consult
- ***Regulated Innovation vs. Innovative Regulation – a TRU example***, Aleksandar Savic, Senior Key Account Manager, Sales Transmission & Distribution, Gas Connect Austria GmbH
- ***Socially Responsible Investments in Energy Sector***, Iana Klementovichus, Director of Higher Economic School, UNECON

WS4: Climate and Decarbonization (“Dostoevsky” Hall)

Chair: Ralf Dickel, Independent expert, Dusseldorf, Germany/ Olga Teplova, UNECON

- ***Maintaining the Value of Gas Reserves in a Carbon Neutral World***, Andrei Konoplyanik, Professor, Chair “International Oil & Gas Business”, Russian State Gubkin Oil & Gas University
- ***Decarbonization and Rent Sharing***, Ralf Dickel, Independent expert, Dusseldorf, Germany
- ***Implications of Hydrogen on Contracting***, Claus Bergschneider, Managing Director, CBC consulting & engineering
- ***Project Finance and Syndication in Complex Energy Projects***, Dmitry Tikhomirov, Senior Managing Director, Vnesheconombank
- ***An Overview of Romanian Tradeable Green Certificates Market***, Dorel Paraschiv, Vice-rector for Social and Economic Relations, The Bucharest University of Economic Studies
- ***Being in Control in the Smart and Sustainable City of Tomorrow***, Cosmin Serbanescu, President, Romanian National Institute of Internal Control
- ***Made in the USA: Digital Policy of Decarbonization. Decarbonization 2.0***, Grigory Yarygin, Associate Professor, Department of American Studies, School of International Relations, Saint Petersburg State University
- ***Implications of Climate Changes for Saint Petersburg Development***, Artem Pavlovskiy, Head of the Department for Urban and Ecological Substantiation for the Development of the Territories of St. Petersburg, SPb GKU “NIPTs General Plan of St. Petersburg”

WS5: Energy in the Baltic Sea (“Zhukovsky” Hall)

Chair: Peter Klingenberger, Senior advisor, Uniper Energy Storage GmbH/ Stanislav Babich, Director of the Center of Resources and Environmental Policy, UNECON

- ***Gazprom on International Gas Markets***, Valeriy Nemov, Deputy Head of Department, Gazprom export
- ***Security of Energy Supply after Regulation***, Peter Klingenberger, Senior Advisor, Uniper Energy Storage GmbH
- ***Baltic Energy Technology Scenarios 2018***, Hans Jörgen Koch, CEO, Nordic Energy Research

- ***Developments in the Baltic Region after the Opening of the Latvian Gas Market***, Sebastian Groeblichhoff, Vice Chairman of the Management Board, Latvijas Gaze JSC
- ***The Baltic Gas Market from the Distribution Operator's Point of View***, Dr. Joachim Hockertz, Member of the Board, JSC "Gasol"
- ***The Role of Natural Gas in the Baltic Transport Sector***, Roman Bogdanovičs, Chairman of the Management Board, AS Gaasivõrgud
- ***Baltic Pipe - a Race Against the Clock?***, Zuzanna Nowak, Independent Analyst, ZNRG
- ***Nord Stream 2 and Perspectives of Energy Supply in the Baltic Region***, Alexey Belogoryev, Deputy Principal Director on Energy Studies, Fund "Institute for Energy and Finance"
- ***Perspectives of Energy and Transport Decarbonization in the Baltic Sea Region***, Stanislav Babich, Director of the Center of Resources and Environmental Policy, UNECON

18:00 – 19:00 Wrap up plenary session ("Tolstoy B" Hall)

By session chairs and Andrei Konoplyanik, Professor, Chair "International Oil & Gas Business", Russian State Gubkin Oil & Gas University

19:00 Reception

16th November 2018

Venue: Courtyard Marriott Hotel, 166 Griboedov's Canal, via 33 Kanonerskaya Street, St. Petersburg

Day 2: Interactive discussions under Chatham House

“Tolstoy A” Hall

10:00 – 13:30

Pro con discussion

Chair: James Ball, Special Advisor, Tachebois Ltd.

Are we heading for all electric world or can we clean up energy use in multiple ways? For example, de-carbonized gas and electric renewables — foes, friends or fantasies? E-transport and the alternatives: fuel cell cars, LNG trucks and ships, can they replace gasoline and diesel?

Discussants:

- Irina Mironova, European University at St. Petersburg
- Simon Schulte, Research Associate, EWI
- Olga Teplova, UNECON
- Bartlomiej Arendarski, Project Manager, Fraunhofer Institute for Factory Operation and Automation IFF
- Ralf Dickel, Independent expert, Düsseldorf, Germany
- Zuzanna Nowak, Independent Analyst, ZNRG

Round Table 1: New geopolitics of energy: International governance vs bilateralism

Chair: Petter Nore, Professor, North University

Discussants:

- Andrej Tibold, Senior Analyst, Energy Delta Institute
- James Henderson, Director, Natural Gas Programme, Oxford Institute of Energy Studies
- Michael Sipos, Independent expert, Romania
- Alexey Grivach, Deputy Director General, National Energy Security Fund

Round Table 2: Role of Ukraine as a transit country

Chair: Marc-Antoine Eyl-Mazzega, Director of Centre for Energy, IFRI

Discussants:

- Alexey Belogoryev, Deputy Principal Director on Energy Studies, Fund “Institute for Energy and Finance”
- Simon Pirani, Senior Research Fellow, Oxford Institute of Energy Studies
- Holgar Kolley, External Energy and Resources Policy, Foreign Office of the Federal Republic of Germany
- Alexey Grivach, Deputy Director General, National Energy Security Fund

13:30

Farewell lunch, “Poema” Restaurant