

**The XII International scientific conference**  
**«ENERGETIKA XXI: Economy, Policy, Ecology»**  
**«Global Energy Opportunities and Geopolitical Risks»**  
**13-15 November 2019**  
**St. Petersburg**

ENERGETIKA is a conference regularly held in St. Petersburg in the month of November to address recent developments in the energy sector on a global basis with special focus on Russia. It is organized by UNECON (the St. Petersburg State University of Economics), combining an open academic atmosphere with the insights of representatives of important energy companies, like Gazprom, Gazprom export, Uniper, etc. as well as from national and international public organizations.

A serious attitude toward the Paris Agreement (PA) implies a substantial change of world economies caused by decarbonization. On the positive side, this offers room for and indeed requires cooperation between hydrocarbon resource owning countries and energy consuming countries to achieve the PA targets. However, meeting these targets while minimizing economic costs means such cooperation is not straightforward. Obstacles – deeply embedded in unchallenged perceptions – are thrown up by a combination of simplistic solutions, delayed action or often one-dimensional solutions. Is an all-electric, all battery energy economy powered solely by renewable energy production really practical on its own? Do efforts to obstruct the construction and operation of Nord Stream 2 consider its possible conversion to zero carbon service as a hydrogen carrier?

These issues arise in the context of continuing unilateral approaches by the US by leaving the PA and fostering the position of US LNG by political means, asking an increase of military spending, instead of more investment for decarbonization, and populist movements around the world challenging remedies for climate change. It is thus paramount to foster an open discussion on the future of energy in a decarbonized world. To identify hidden assumptions, to seek as much common ground as possible and to find mutually appealing economic rationales within the boundaries of geopolitics ENERGETIKA offers itself as a place for an open dialogue on economy, policy and environmental aspects of energy.

Conference languages are English and Russian; simultaneous translation will be provided.

Participation is free, subject to registration and available places.

**Previous ENERGETIKA conferences and workshops** programs, presentations and photos are available at: <http://en.unecon.ru/page/energetika-xxi-economy-policy-ecology>

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## Preliminary Program

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

**13<sup>th</sup> November 2019**

**Wednesday**

**Pre - Conference Workshop on “Ways to decarbonize the energy sector *in time*”**

**10.30 – 18.00      Three sessions with lunch and coffee break**

- What instruments to promote decarbonization and what level of investment are needed?
- What mix of GHG - free energy to be effective / efficient is needed?
- What is needed to decarbonize mobility: batteries vs fuel cells in LDVs, HDVs, locomotion, aviation/what role for gas interim measures, e.g. LNG for trucking, rail and shipping?

**11.30 – 18.00      The young researchers seminar “Questions and answers for the Future”:** raised by the new generation of researchers. The outcomes to be presented on November 15<sup>th</sup> morning session moderated by James Ball.

**18.00                      Get-together cocktail**

**14<sup>th</sup> November 2019**

**Thursday**

**Day 1: Open Discussion on Recent Developments of Energy Markets**

**10.00 – 10.15      Welcoming remarks**

**10.15 – 13.30      Plenary Session**

- Recent market developments;
- The EU-Russia energy dialogue;
- The US sanctions on Nord Stream 2;
- The future of Ukrainian transit;
- One Belt One Road initiative;
- US - China Trade war

**13.30 – 14.45      Lunch**

**14.45 – 18.00      Four Parallel Work streams with Coffee Break**

**WS1: Macro Energy Trends:** Development of global LNG supply and demand and gas price levels, impact of Nord Stream 2; Pollution vs climate issues; The EU energy market reform; Russian energy sector reform; Electrification.

**WS2: Russian gas exports to the EU and its competitors:** the EU-Russia cooperation; competing export routes (Nord Stream 1, 2, Yamal Europe,

Ukrainian transit, Turk Streams; Russian LNG; other imports into EU: supply from Norway, Qatar and the US - LNG: new competition by renewables.

**WS3: Financing Sustainability (in partnership with European University at St. Petersburg):** effective signals for decarbonization; financing change in infrastructure; Green bonds; Energy applications; CO2 taxes /floors and their social efficiency.

**WS 4: Eurasian Energy Initiatives: the growing role of China:** One Belt One Road initiative; Construction of Eurasian energy market; recent developments in Central Asia; Russia's export to China via Power of Siberia, others. Lessons from EU Russia dialogue.

**18:00 – 19:00**            **Wrap up Session by session chairs and special rapporteur**

**19:00**                    **Reception**

**15<sup>th</sup> November 2019**

**Friday**

**Day 2: Interactive discussions under Chatham House rules**

**10.00 – 11.45**        **Two Round Tables:**

- Geopolitics: protectionism, economic opportunities as a way to de-escalate conflicts?
- The future for the Ukrainian energy sector.

**12.00 – 13.00**        **Pro/con discussions, Chair:** James Ball, Special Advisor, Tachebois Ltd.

- Are carbon taxes the best way to promote decarbonization?

**13.00 – 14.00**        **Young researchers' discussion, Chair:** James Ball, Special Advisor, Tachebois Ltd.

- Friday for Future: answers to questions raised on Wednesday;

**14.00**                    **Farewell lunch**