

PLENARY SESSION: New Polish energy policy conditions

- Polish energy policy until 2040 – key development directions
- New Polish energy mix – Revolution in approaching fossil fuels
- Implications from "Clean Energy for All Europeans" Programme and COP24
- New perspectives for renewables – implications from auctions of renewables
- Nuclear energy – expectations and development opportunities
- Diversification of fuel supplies – does „safer” also means „cheaper”?
- Cooperation priorities in Baltic Sea region: gas, off-shore, power generation, heating, cogeneration, growth of energy effectiveness
- Common energy and gas market after Brexit – where is EU heading in providing Europeans with access to energy?
- The experiences of EU States in diminishing negative impact of energy price increase

OXFORD STYLE DEBATE: Cooperation among Baltic Sea states

- Alternative, verified models of energy, fuel, gas and renewables sectors development in neighboring countries
- Areas of economic cooperation within Baltic Sea
- Mutual projects and synergies
- Nord Stream2 - do we still have allies?
- Off-shore - space for development?

PANEL 1: Adaptation strategies of energy groups to new market trends and technological transitions

- Necessary amendments in strategies of energy groups - major issues
- End of traditional fossil fuel market model in Poland?
- Among energy security, clients expectations and the interest of energy groups shareholders
- Technological innovations supporting sustainable development and their impact on market models in specific energy subsectors
- Future investment plans and the financing mechanisms
- Development synergies with mining sector, transport and energy-intensive branches of industry
- Dependence Polish energy on support systems
- Nuclear energy for Poland: best technologies and key market players
- New organisational solutions in Polish energy sector

PANEL 2: Economy 4.0 – energy & industry

- INDUSTRY 4.0
- Innovation as a revolution or evolution: groundbreaking solutions or development through continuous optimization?
- Capacity market – time for projects
- Dynamics of regulatory surrounding vs security of investment projects.
- Role of the State in encouraging, supporting and regulating new business models
- Not only technologies- national economies in the era of global competition
- Polish industry in the process of transformation - the case of chemical industry

PANEL 3: New development conditions for heating and cogeneration

- New cogeneration support system – expectations and opportunities for development
- Preferences for development of energy effective systems –Is it the end of coal-based cogeneration?
- "Clean air" program – advancement, first effects, crucial corrections, boost of pro-ecological behaviour
- Investments in heating sector – main development trends, project financing, investment barriers
- The role of self-governments in the development of Polish heating systems
- Use of renewables in central heating systems
- Heating systems - waste management implications
- Transformation of heating regulatory environment
- New technologies in heating and cogeneration

PANEL 4: New development trends on gas, oil and liquid fuel markets

- First experiences after implementation of capacity market
- Electrical energy market after introduction of a new obligation of energy sale via Polish Power Exchange
- Strengthening position of electric energy consumers
- Antitrust rules of energy-intensive industry
- Antismog tariffs, introduction of dynamic tariffs
- New objectives of Power Exchange
- Level of Polish gas market liberalization
- Development of natural gas stock market
- Diversification of sources and directions of gas, oil and liquid fuels supply
- Development of new market segments in liquid fuels – e-mobility, alternative fuels
- Changes in maintenance of mandatory supplies

PANEL 5: Expansion of energy grid infrastructure – key projects, new challenges

- Investment plans of gas and electricity operators – key projects, progress of implementation
- Cross-border grid projects essential for energy security of the state
- Network investments made by operators – extension of electric networks and gas network
- Increase of natural gas storage capacity
- Infrastructure for storage of electric energy – available technologies, progress in investment projects
- Development of infrastructure for crude oil and liquid fuels supply
- Increase of storage capacity of crude oil and liquid fuels

PANEL 6: Polish energy on the road to low carbon energy

- The role of energy in providing balanced development
- Future of mining sector and its alliance with conventional energy sector
- Market potential of wind energy and photovoltaics
- Opportunities for offshore energy development
- Nuclear energy – necessity or vague plans?
- The place of distributed power generation

PANEL 7: New opening for renewables

- The role of renewables in new energy policy
- Opportunities for the use of renewables in heating and cooling systems (biomass, biogas)
- Future of PV projects in energy sector
- Inland wind energy – sub-sector without future?
- Offshore wind energy – development capacity, project advancement
- Balancing of Renewable Sources of Energy – energy storage, energy clusters, regulatory capacities
- Comments after auctions of renewables
- Use of renewables in transport – future of bio-components market, waste materials reuse, electromobility and alternative fuels development

Innovation lab – presentation of innovative projects in industry

- Modern technologies on the Polish energy market.
- Future directions for energy market development.
- State owned companies - monopoly for innovation
- Competition on the market – possible solutions
- Opportunities for financing innovative projects.
- Expectations of customers on energy market.
- Intelligent energy measurement systems and the impact for the market

PANEL 8: Status of infrastructural, energy and related investment projects implemented till 2019

- Presentations of projects.
- Major distributors - new areas of cooperation with self-governments
- Self governments and their role in the development of infrastructural projects.
- Cross-border cooperation in the field of gas and power distribution.
- Connecting renewables to the grid - implication for the system in 2018.
- Future of waste incineration and bio-gas plants projects.
- Distributed energy sources and the effects of new energy policy on self-governments

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