

DRAFT AGENDA

Plenary Session: Europe's energy security: revision of the EU energy policy

- Energy security of Europe – war in Ukraine and sanctions as impulse to change European energy policy
- Revision of strategic raw materials supply destinations for Europe - common EU energy policy vs individual strategies of key European countries
- REPower EU and FIT for 55 strategies - what has been achieved so far?
- Energy security of EU countries - new projects and initiatives in the development of energy infrastructure of European importance.
- New architecture of the common energy market in Europe.
- EU strategy for the development of offshore renewable energy.
- The hydrogen strategy of the EU.
- New platforms for cooperation of the Baltic Sea countries as a response to Russia's energy blackmail.
- Poland's Energy Policy 2040 in the context of the European Green Deal - the need for updating and basic directions of change.
- The place of nuclear power in the new energy policy: the degree of advancement of the Polish nuclear program, financing models, large-scale power generation vs. small-scale nuclear facilities.
- Power deficit after 2025 - solution scenarios.
- Experiences of EU countries in counteracting the negative effects of rising prices of energy carriers on the energy industry and the economy.
- The role of the US in stabilizing Europe's energy policy
- War as an impulse to the establishment of a sustainable, efficient, modern and competitive energy industry
- KPO funds, and acceleration of the Polish energy transition

PANEL 1: Energy groups strategies vs market reality. New Polish Energy Policy

- Necessary amendments in strategies of energy groups - major provisions
- Amendment of the Wind Act - assessment of the impact of new amendments on the development of the renewables market in Poland
- Financial context of the war in Ukraine - impact on Polish energy sector and economy.
- Hydrogen as fuel of the future – opportunities emerging from the regulatory environment and sectoral agreements
- RES projects on land – scale of the projects planned for 2023, prevailing technologies
- Gas as an increasingly common raw material for large power generation - the impact of price fluctuations on market development
- Future of coal projects in Polish energy sector
- Operation of the grid system with the dominant role of RES
- Systems to protect consumers from energy price increases - past experience and target solutions
- Energy groups offer to industrial customers (B2B)
- Future investment plans and the financing mechanisms

PANEL 2: Clean energy, scale of investments and key projects

- Strategic nuclear projects in Poland – scale and time horizon.
- Wind Energy Act - the impact of the change in the rules for the location of onshore wind farms on the market
- Advancement of offshore wind investment projects (existing and new players).
- Port infrastructure and supply chain for offshore wind energy
- Development of the PV sector in Poland compared to other RES sectors.
- Adaptation of MV and LV grid functionality to the growing number of prosumer RES installations.
- Restrictions on grid development constraints on construction of new RES sources.
- Energy storage facilities for each installation? Costs vs. benefits.
- Financing of RES projects - are long-term PPA agreements an alternative to support schemes.
- Renewable energy contracting models.
- Biogas and biomethane sector - a new development perspective.
- Green hydrogen in the Polish energy sector - projects, applications, main market players
- Market for new energy services for the RES sector.
- Impact of regulations stabilizing energy prices on the RES sector

PANEL 3: Electric energy, liquid fuels and gas markets (hydrogen, biogas, methane)

- Changing approaches to the role of coal in the Polish energy mix - social factors vs. economic factors vs. climate neutrality.
- Capacity market - current state and prospects.

- Gas generation in Poland. Gas in the portfolio of energy companies. The future of gas as the 4th raw material for the Polish energy sector.
- Priorities and existing constraints in the expansion of the gas transmission and distribution network.
- Strategic investment projects of transmission system operators (gas and electricity).
- Development of the "green" hydrogen market in Poland in the context of the emerging regulatory environment for the hydrogen economy.
- Biomethane as a fuel of the future - development potential, business models and first projects.
- Diversification of gas supply sources and directions - scenarios in the face of the Ukrainian crisis, breakthrough significance of 2023.
- Consolidation and new players in the liquid fuels market (wholesale and retail), consequences of the merger between PKN Orlen and Lotos.
- Preparation of electricity grid operators for the planned scale of electromobility development.
- Energy, fuel and gas storage facilities in 2024 - the scale of necessary investments.
- The future of the business models of today's fuel market leaders

PANEL 4: New conditions for heating and cogeneration development. "Clean air" program

- Fitfor55 - preparing the system heat market for the necessary regulatory changes.
- Cogeneration support system - have the assumed goals associated with this system been achieved?
- Preferences for the development of energy-efficient district heating systems - gas cogeneration, waste and biomass projects, decline of coal cogeneration.
- Anti-smog programs - state of progress, first effects, necessary adjustments, stimulation of pro-environmental behavior, anti-smog legislation.
- Change in the approach to district heating tariffs.
- Investment in the heating industry - how are smaller heat producers doing?
- The place of local governments in the development of the Polish district heating industry.
- Use of RES in district heating.
- Use of waste heat - current status and development prospects.
- Energy efficiency in district heating.

PANEL 5: Off-shore: development perspectives, scale of projects, Polish local content

- Progress in the development of wind projects in the Baltic in Phase I
- The race for location permits for Baltic wind farms in Phase II - status, allocation criteria and appeals
- Challenges in the process of obtaining the remaining permits in the investment process, including the decision on environmental conditions
- The role of investors and foreign partners in the development of Polish offshore wind
- Offshore research in the project development phase
- Displacement of power from offshore wind farms
- Dedicated support system for offshore wind energy - contracts for difference
- Offshore as an opportunity for the Polish industry
- Offshore energy contracting models
- Infrastructure supporting offshore development in Poland

PANEL 6: 2050 horizon: Development, investments, innovation - business, self-government and prosumers (renewables, e-mobility, PV)

- The role and scale of the private sector in the energy industry
- The role of local governments in implementing infrastructure projects
- Connection of RES to the grid, and the safety and capacity of the system
- The future of waste incineration and biogas plant projects Large scale nuclear power and its place in Poland's energy mix
- Distributed generation and the implications of the new energy policy. Energy clusters
- Development of e-mobility - electric vehicles, charging stations + energy storage technologies. Is Poland ready for large-scale EV service?
- - Photovoltaics - scale of development: large farms or only small home installations?
- - Start-up program as a source of innovation - how Polish companies have used the potential and know-how of the market
- - Development of SMR technology in Poland - application potential, financing models, licensing

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