



## PROGRAMME DRAFT

### Plenary Session: New Polish energy policy: EU Priorities vs Polish Strategic Objectives

- Polish energy policy until 2040 in the context of European Green Deal – key development directions
- Implications of PEP2040 for energy sector and national economy
- The issue of nuclear energy in new energy policy - advancement of the project, financing models
- Diversification of fuel supplies – does „safer” also mean „cheaper”?
- Cooperation priorities in Baltic Sea region: gas, off-shore, power generation, heating, cogeneration, growth of energy effectiveness
- The NFOŚiGW programmes and development status of prosumer energy sector
- The experiences of EU States in diminishing negative impact of energy price increase
- European Green Deal – energy sector priorities and reforms financed from EU funds

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

- Necessary amendments in strategies of energy groups - major provisions
- Will future be hydrogen fueled?
- Renewables – scale of projects for 2021
- E-mobility – actual leaders and dynamics of the market? Among energy security, clients expectations and the interest of energy groups shareholders
- Gas as a more and more common fuel for energy sector – status of projects in progress
- Dependence of Polish energy sector on support systems
- Future investment plans and the financing mechanisms
- How to resolve a coal “burden” problem

### PANEL 2: Electric energy, liquid fuels and gas markets

- First experiences after implementation of capacity market
- Future of Polish coal – social aspects vs economic aspects vs climate neutrality
- Gas mining in Poland. Gas in portfolio companies from energy sector. Growing role of gas as a basic fuel for the energy sector
- New objectives of Power Exchange
- Development of gas transmission & distribution network – major priorities
- Perspectives of green hydrogen market development
- Diversification of sources and directions of gas, oil and liquid fuels supply
- Development of new market segments in liquid fuels – e-mobility, alternative fuels
- Energy and gas storage after 2021
- Future perspectives for today’s oil market leaders?

### PANEL 3: New conditions for heating and cogeneration development. “Clean air” program

- 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 attitudes
- 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
- New technologies in heat & cogeneration sectors

### PANEL 4: Development of network energy infrastructure - key projects, new challenges (RES context)

- Gas & energy distribution investment projects – key problems, status of progress
- Cross-border network projects which are important for national energy security
- Network investments implemented by distributors – expanding of energy and gas network
- Natural gas storage space development
- Development of electricity storage infrastructure in the context of the development of the RES market
- Investments in the oil storage and distribution infrastructure
- RES infrastructure development status

### PANEL 5: Off shore - development perspectives, scale of projects, Polish manufacturers of components and installations

- Draft act on offshore wind energy promotion – does barriers of offshore development still exist?
- Offshore wind farm financing system - who, when and on what terms can be supported
- Plan for the participation of local components and services - who can benefit and who lose
- Connecting the OWF to the grid - who, when and where will be responsible for this connection

- Obligations of the investor and OWF operator - will it be easier to prepare an offshore wind farm project

## **PANEL 6: 2050 horizons: Development, investment, innovation – companies, local government, prosumers (RES, e-mobility, photovoltaics)**

- Role and scale of private energy sector
- Role of local governments in the execution of infrastructure projects
- Connecting renewable energy installations to the grid - system stability and capacity issues
- Future of waste incineration and bio-gas installations
- Distributed power generation in the new energy policy. Energy clusters
- Development of e-mobility – electric vehicles, charging points, energy storage technologies – are Poles convinced to EV
- PV installation development scenarios - small local and private installations or large farms?
- Start-ups as source of innovations – how Polish companies use the potential and know-how of the market

## **PANEL 7: Transformation of conventional energy sector up to 2050**

- Coal rejection perspectives – social and economic focus
- The scale of restructuring – will all companies find their place in RES world?
- Financing energy transformation

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