



Strategic Partner	Main Partner
	

## DAY I – 27th of January

**09:00 - 09:50 Registration**

**10:00 - 10:25 Official Opening of Congress**

Ballroom ABC

**10:30 - 12:15 Inauguration Debate**

**What will happen in energy sector in 2020 – the government's and companies' perspective**

Ballroom ABC

**12:15 - 12:30 Coffee Break**

**12:30 - 16:30 SESSION I**

Ballroom ABC

**12:30 - 17:00 SESSION II**

Ballroom D

**12:30 - 14:30**

**Panel 1:** Opportunities of the heat market and implications of the "Clean Air" program

**12:30 - 14:00**

**Panel 1:** RES in portfolio leaders of Polish market

**14:45 - 16:30**

**Panel 2:** Polish gas and fuel market

**14:10 - 15:50**

**Panel 2:** Horizon 2050: Innovation in generation, networks and distribution sector

**16:00 - 17:30**

**Panel 3:** Potential of Polish generators for the needs of the RES segment

**17:00-19:00 BUSINESS LUNCH**

Room KMG

**END OF THE FIRST DAY OF CONGRESS**

## DAY II – 28th of January

**10:00 – 14:00 TECHNICAL TRIP – ŻERAŃ HEAT & POWER PLANT**

ECB and PGNiG Termika invite you to a technical trip around Żerań Heat and Power Plant (EC) Żerań - the second largest heat source facility for Warsaw managed by PGNiG Termika SA. Żerań Heat and Power Plant is one of five facilities in Warsaw agglomeration managed by PGNiG Termika SA. At present, Żerań Heat and Power Plant is under modernisation and expansion process adjusting existing installations to restrictive environmental requirements. Additionally there are some design and construction works on the site aiming at the development of new generation units planned to replace the old power plant sections.

The technical tour will take our visitors along the engine room with turbine section, heat and power control station, steam and fluidized boilers, power switch room as well as newly constructed combined gas&steam generation unit and gas boiler house. The boiler house fuelled by gas in Żerań Heat and Power Plant comprises three water boilers with the heat power output of 130MWt each (390 MWt in total). This boiler house shall replace the older water boilers fuelled by coal. This development shall decrease the amount of pollutants emitted to the air and shall meet both present and future environmental restrictions.

The gas-steam power unit in Żerań Heat and Power Plant is the key investment project in PGNiG Termika SA. This modern generation unit is critical for energy security of Warsaw agglomeration. Furthermore, due to the implementation of the cutting edge gas technologies it will considerably improve the air quality and will meet the most restrictive European environment protection criteria. The unit will be equipped with F class gas turbine with waste heat boiler and steam turbine. The unit will reach the power output of 496MWe and the heat output of 326MWt.

**NOTICE!** The persons concerned for participation are obliged to fill in additional entry form which is available at [www.powerpol.pl](http://www.powerpol.pl) in REGISTRATION bookmark. The confirmation of being registered on the participants list who are allowed to be on Żerań Heat and Power Plant is the requirement for the trip participation. The list is turned over by Europejskie Centrum Biznesu. The number of members is limited.

## DAY I – 27th of January

**09:00 - 09:50 Registration**

**09:50 - 10:25 Official Opening of Congress (Ballroom ABC)**

**10:30 - 12:15 Inauguration Debate What will happen in energy sector in 2020 – the government's and companies' perspective (Ballroom ABC)**

- Polish national interest vs global energy trends
- Energy mix beyond 2020 – coal, gas, renewables, nuclear energy
- Mayor challenges for 2050– the plans of the government and companies
- "Clean Air" & "My energy" programs - implications for the economy
- State intervention on electric energy market –energy prices in 2020
- NordStream vs Baltic Pipe - key projects for European safety ad 2020
- NFOŚiGW programs for prosumer energy development
- Renewable energy investment projects of energy sector companies
- Capacity market – first impressions
- Investments in extension and modernization of the grid. Synchronization with European grids – main objectives for PSE in 2020.
- How to win public approval for new energy policy?

They were invited to the debate (alphabetically):

**Adam Gawęda** - Secretary of State, Ministry of State Assets; **Rafał Gawin** - President of the Energy Regulatory Office; **Zbigniew Gryglas** - Undersecretary of State, Ministry of State Assets; **Eryk Kłossowski** - CEO, Polskie Sieci Elektroenergetyczne S.A.; **Maciej Małecki** - Secretary of State, Ministry of State Assets; **Artur Michalski** - Vice President of the Management Board, NFOŚiGW; **Tomasz Stępień** - CEO, GAZ-SYSTEM S.A.; **Marek Wadowski** – Vice President, TAURON Polska Energia S.A.; **Piotr Zawistowski** – CEO, TGE S.A.; **Ireneusz Zyska** – Secretary of State, Ministry of Climate.

Moderator:

**dr Paweł Grzejszczak** - Partner, Domański Zakrzewski Palinka

**12:15 – 12:30 Coffee break**

### 12:30 – 16:30 SESSION I

Ballroom ABC

**12:30 - 14:30 PANEL 1: Opportunities of the heat market and implications of the "Clean Air" program**

- Act on promotion of co-generation – implication for heating sector companies
- Capacity market and its significance for the heating sector
- "Clean Air" program - who can benefit from investment funds
- Effective heating systems – conditions for successful transformation of the sector. Selection of the optimum fuel for new generation units - coal, gas or other medium
- Heat from renewable sources – market niche or necessity?
- Heat from waste – development capacity, affordable technologies
- Replacement of heat infrastructure - technologies for modern heating networks

They were invited to the debate (alphabetically):

**Artur Michalski** - Vice President of the Management Board, NFOŚiGW; **Vasco Amaral Cunha** – Credit Officer, Public Sector, Poland & Baltic Countries, European Investment Bank; **Wojciech Dąbrowski** - Chairman of the Board, PGE Energia Ciepła S.A .; **Jarosław Głowacki** - CEO, PGNiG Termika S.A.; **Piotr Górnik** - CEO, Fortum Power and Heat Polska Sp. z o.o.; **Marcin Lewandowski** - CEO, GPEC Group; **Jacek Szymczak** – President of the Management Board, Izba Gospodarcza Ciepłownictwo Polskie; **Marcin Śmiech** - Country Manager, TergoPower; **Krzysztof Zamasz** - Director of Energy, Advisor to the President of the Management Board for Development, Veolia Energia Polska; **dr inż. Krzysztof Zborowski** - Vice President of the Board, Radomskie Przedsiębiorstwo Energetyki Ciepłej "RADPEC" S.A.

Moderator:

**prof. Waldemar Kamrat** - Politechnika Gdańska

## 14:45 - 16:30 PANEL 2: Polish gas and fuel market

- Gas extraction in Poland – development perspectives
- Import of gas and fuel to Poland – alternative directions
- Key investment projects for Polish fuel and gas market
- Consequences of pollution of imported fuel - conclusions for future strategies
- Gas as "clean" fuel for industrial and individual customers
- Priorities in the extension of gas mains and distribution network
- Perspectives for the development of Polish LNG market
- Storage infrastructure and its consequences for gas and fuel market development
- Gas in the portfolio of energy sector companies

They were invited to the debate (alphabetically):

**Tomasz Dąbrowski** - Undersecretary of State, Ministry of State Assets; **Norbert Grudzień** - Vice President of the Management Board, Investment and Property Management, PGE GIEK S.A.; **Henryk Młodawski** - Member of the Board, Exalo Drilling; **Mateusz Radecki** – Director of Trade Department, PERN S.A.; **Andrzej Sikora** - Chairman of the Board, Institute of Energy Studies; **Tomasz Wilczak** - Vice President of the Management Board, PGNiG Termika.

Moderator: **Maciej Bando** - former President of the Energy Regulatory Office

## 12:30 – 17:00 SESSION II

Ballroom D

## 12:30 – 14:00 PANEL 1: RES in portfolio leaders of Polish market

- Alternative fuels used in energy sector in current legislation
- Renewables - projects, solutions, synergies
- E-mobility - leaders and market dynamics.
- Off-shore - future of Polish renewables?
- Prosumers as the element of renewables market, - "My Electricity" Program
- Energy storage projects ad 2020 - essential element of clean energy market.
- Charging infrastructure development strategy - Does current legislation stimulate development of infrastructure
- Alternative fuels - hydrogen and gas - prospects of development on regional market
- Strategies and activity of Polish industry in the scope of alternative energy sources

They were invited to the debate (alphabetically):

**dr hab. Wojciech Drożdż prof. US** - Vice President of the Management Board for Innovation and Logistics, ENEA Operator Sp. z o.o.; **Mariusz Gajda** – Vice President, ENERGA OZE S.A.; **Janusz Gajowiecki** President of the Board, PWEA; **Przemysław Janiszewski** - Vice President of the Board, Polimex-Mostostal S.A. ; **Michał Kaczerowski** - Chairman of the Board, Ambiens Sp. z o.o. ; **Przemysław Mandelt**, Vice President, Tauron Ekoenergia; **Maciej Mazur** President of the Board, Managing Director, Polish Alternative Fuels Association; **Mariusz Samordak** – Director, Energy & Technology Sector, BGK; **Maciej Stryjecki** - CEO, FNEZ; **dr inż. Andrzej Wiszniewski** - Chairman of the Board, National Energy Conservation Agency S.A.; **Grzegorz Wysocki** – CFO, PGE Baltica.

Moderator: **Jan Biernacki** - Senior Manager, PwC

## 14:10-15:50 PANEL 2: Horizon 2050: Innovation in generation, networks and distribution sector

- Traditional investments vs investments in energy sector .
- Is innovation the key for energy companies to survive and develop?
- Benefits of innovation – supplementing traditional business model in energy sector or development of a new business line
- Innovation challenges – people, technologies, funds
- Areas of innovation in Polish energy sector
- Government policy reflected in updated strategies of key energy sector players - consequence of market transformation
- Start-up program as the source of innovation - how Polish companies benefited from the potential and know-how of the market.

They were invited to the debate (alphabetically):

**Daniel Betke** - Vice President of the Board, BSiPE "ENERGOPROJEKT POZNAŃ" S.A. ; **Jacek Czerwonka** - President of the Board, Ramboll Polska Sp. z o.o. ; **Krzysztof Figat** - Chairman of the Board, "Polimex-Mostostal" S.A. ; **Mateusz Marzec** - Chairman of the Board, Reliability Solutions Sp. z o.o. ; **Roman Masek** - Technical Director, Belse Sp. z o.o. ; **Paweł Niedzielski** - Sales Director, Energy Sector, Nokia Solutions and Network Sp. z o.o.; **Andrzej J. Piotrowski** – CEO, PGE Systemy S.A.; **Marcin Roszkowski** - Chairman of the Board, Jagiellonian Institute; **Robert Zagodzón** - CEO, Blue Boson SE; **Robert Zasina** - CEO, TAURON Dystrybucja S.A., CEO, PTPIREE.

Moderator:  
**Łukasz Dul** - Vicedirector, PwC

## 16:00 – 17:30 PANEL 3: Potential of Polish generators for the needs of the RES segment

- Polish manufacturers of RE infrastructure components - how large is the local content capacity?
- Distributed (local) energy generation and prosumer generation - Can Poland become a leader in this segment
- PV market development - small household installations or big-scale farms
- Self-governments - tough yet desirable business partner
- E-mobility - e-vehicles, charging points, development of energy storage infrastructure
- Can Poland become a leading manufacturer of components for wind industry (both on-shore and off-shore)

They were invited to the debate (alphabetically):

**Ph.D. Eng. Rafał Kajka** - Director of the Department of Electric Vehicles, WB ELECTRONICS S.A. ; **Sylwia Koch-Kopyszko** - CEO, PSEM, Unia Producentów i Pracodawców Przemysłu Biogazowego; **Ewa Malicka** - Chairman of the Board, Society for the Development of Small Hydropower Plants; **Andrzej Popławski** - e-mobility & e-car sparing, innogy Polska S.A.; **Arnold Rabięga** - Chairman of the Board, National Institute of Distributed Energy; **Artur Sarosiek** - Chairman of the Board, Green Investment Sp. z o.o. ; **Adam Stępień** - General Director, National Chamber of Biofuels; **Bogdan Szymański** - President, Photovoltaic Association - Poland PV; **Maciej Tomaszewski** - Development Director, Ekoenergetyka-Polska Sp. z o.o. ; **Urszula Zając** - Director, NFOŚiGW; **Dawid Zieliński** - Chairman of the Board, Columbus Energy.

Moderator: **Jan Biernacki** - Senior Manager, PwC Polska

**17:00-19:00 BUSINESS LUNCH (Room KMG) / END OF THE 1st DAY OF CONGRESS**

## DAY II – 28th of January

### 10:00 – 14:00 TECHNICAL TRIP – ŻERAŃ HEAT & POWER PLANT

**10:00 - 10:30 Gathering of participants if front of main entrance to Hotel Sofitel Victoria in Warsaw**

**10:30 - 11:00 Bus transfer to EC ŻERAŃ**

**11:00 - 11:15 Registration of participants in accordance with security procedures**

**11:15 - 13:15 Trip**

ECB and PGNiG Termika invite you to a technical trip around Żerań Heat and Power Plant (EC) Żerań - the second largest heat source facility for Warsaw managed by PGNiG Termika SA. Żerań Heat and Power Plant is one of five facilities in Warsaw agglomeration managed by PGNiG Termika SA. At present, Żerań Heat and Power Plant is under modernisation and expansion process adjusting existing installations to restrictive environmental requirements. Additionally there are some design and construction works on the site aiming at the development of new generation units planned to replace the old power plant sections.

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