

AGENDA DAY I – 25 SEPTEMBER 2019*

08:00 Registration of participants

OPENING SESSION

09:00 The opening of the Congress by Management Board of DISE

Mr. Remigiusz Nowakowski, President of the Management Board
Mr. Dawid Jackiewicz, Vice-President of the Management Board

Speeches of Honorary Guests

- › Opening speech – **Paweł Hreniak - Lower Silesian Voivode**
- › Opening speech – **Cezary Przybylski - Marshal of the Lower Silesian Voivodship**
- › Opening speech – **Professor Cezary Madryas, PhD, Eng. - Rector of the Wrocław University of Technology**
- › Opening speech – **Stefan Gullgren - Ambassador of Sweden**
- › Opening speech – **Ole Egberg Mikkelsen - Ambassador of the Kingdom of Denmark**
- › Opening speech – **Olav Myklebust - Ambassador of Norway to Poland**
- › Opening speech – **Marcin Chłodziński, President of the Management Board of KGHM Polska Miedź SA**
- › Opening speech – **Piotr Czopek, Director, Departament Energii Odnawialnej i Rozproszonej w Ministerstwie Energii**
- › Opening speech – **Jarosław Dybowski, Executive Director for Energy, PKN ORLEN SA**



THEMATIC SESSION – ENERGY TRANSITION

Keynote Speech: **Magnus Hall** – President of Eurelectric, President and CEO of Vattenfall, „**Electrification, decarbonization, leadership**”

10:30 – 12:00 Discussion panel: „**Electrification, decarbonization, leadership**”:

- › What does the vision „European Union to be without any emissions by 2050” mean for the energy industry?”
- › What will be an effect of ongoing energy transition? How will European energy industry look like in 2050? How energy transition will impact the Clients?
- › How are energy players taking advantage of climate policy implementation, technological improvements and leveraging their positions?
- › How can energy industry benefit out of the ongoing decarbonization in the best way?
- › Oil and gas players are entering the power business. Is the integration across energy business value chain good strategy for utilities?
- › Who are the new business leaders in the utility business of tomorrow?

Moderator

- **Remigiusz Nowakowski** – President of the Management Board of DISE

Speakers

- **Magnus Hall** – President and CEO of Vattenfall, President of Eurelectric
- **Mikael Lemström** – Vice President, Heating and Cooling City Solutions, Fortum
- **Filip Grzegorzczak** – President of the Management Board, TAURON Polska Energia S.A.
- **Dariusz Maikštėnas** – Chairman of the Board and CEO of Ignitis Group
- **Jan Stanilko** – Director of the Innovation Department, Ministry of Entrepreneurship and Technology
- **Jarosław Dybowski** – Executive Director for Energy, PKN ORLEN SA

12:00 – 12:30 Coffee break

12:30 Keynote Speech: **Monika Morawiecka** – President of the Management Board of PGE Baltica



Date

25 - 26 September 2019



Place

Novotel Wrocław Centrum Hotel

* The Organizer informs that this is a draft agenda which will be subject to changes.

AGENDA DAY I – 25 SEPTEMBER 2019*

THEMATIC SESSION – DEVELOPMENT OF RENEWABLE ENERGY SOURCES AND GAS MARKETS PARELLEL PANELS

Keynote Speech: **Holger Grubel** – Head of Portfolio Development Offshore Wind at **EnBW AG**, „Energy Transition – Internationalisation of Offshore Wind”

Presentation: **Andrzej Jeżewski** – President of Promet-Plast, „Plans for the development of dispersed energy sector based on the example of the Oławski Energy Cluster EKO”

13:00 – 14:15 Discussion panel: **Vision of RES development in Poland and in the world:**

- › Development of renewable energy sources and integration of RES in the energy system based on conventional generation sources
- › Impact of RES technology development on energy supplies security
- › Offshore wind energy – success factors for the construction of offshore wind farms in the Polish Baltic Sea zone, experience from other countries, technological development, legal framework and support mechanisms
- › Auction system vs. corporate PPA in the context of further development of onshore wind projects
- › Conditions for the development of solar energy in Poland – how to implement assumed participation in the energy mix
- › Key aspects of the development of distributed power engineering – energy clusters and prosumers

Moderator

- **Att. Rafał Hajduk** – DZP law firm

Speakers

- **Monika Morawiecka** – President of the Management Board, PGE Baltica
- **Olivia Breese** – Head of Market Development, Ørsted
- **Jarosław Dybowski** – Executive Director for Energy, PKN ORLEN SA
- **Andrzej Kensbok** – President of KGHM International Ltd., Chief Executive Officer for Strategic Projects, KGHM Polska Miedź S.A.
- **Janusz Gajowiecki** – President of the Management Board, PWEA
- **Dawid Klimczak** – President of the Management Board, Enea Trading
- **Jarosław Broda** – Vice-President of the Management Board for Asset Management and Development of TAURON Polska Energia S.A.
- **Piotr Czopek** – Director, Departament Energii Odnawialnej i Rozproszonej w Ministerstwie Energii

14:30 – 15:30 Lunch

15:30 HONORARY GUEST SPEECH: **Michał Kurtyka** – Secretary of State, Ministry of the Environment, Government Plenipotentiary for the Presidency of the Conference of the Parties (COP24)

THEMATIC SESSION – CLEAN AIR

Keynote Speech: **Magdalena Jackowska-Rejman** – President of the Management Board, TechBrainers Sp. z o. o., „Acceleration Program - Pilot Maker Electro ScaleUp”

Presentation: **Kamila Lesiw-Głowacka** – Institute for Territorial Development

16:05 – 17:35 Discussion panel: „Clean Air” – transition of district heating and emission-free transport:

- › Clean Air Programme - how district heating and electrification of transport can contribute to emission reductions
- › Transformation of district heating as an important element of multi-faceted actions to improve energy efficiency and emission reduction
- › Is systemic heating a cure for smog?
- › How can the electromobility development programme in Poland affect the state of the air in cities?

12:30 Keynote Speech: **Iweta Opolska** – Director, Gas Trade Office, **PKN ORLEN S.A.**, „ORLEN GAS MEETING | Foundations and prospects for gas prices”



Keynote Speech: **Małgorzata Banasik** – Managing Partner/Legal Advisor, Kancelaria Banasik Woźniak i Wspólnicy Sp. K., „USA - Poland - Ukraine. Opportunities and challenges for the gas sector”

13:00 – 14:15 Discussion panel: **The direction of the development of gas markets in Poland and worldwide:**

- › The importance of natural gas in the process of transformation of the energy sector in Poland
- › Integration of gas markets in the Baltic Sea Region
- › LNG development in Poland and the potential of the markets in the Region
- › Factors affecting gas prices as a commodity in global markets
- › LNG bunkering – a new business opportunity for gas sector companies
- › Can Poland become a gas “hub” for Central and Eastern Europe?

Moderator

- **Wojciech Jakóbiak** – Editor, Business Alert

Speakers

- **Piotr Listwoń** – Vice-President of the Management Board, TGE
- **Artur Zawartko** – Vice-President of the Management Board, Gaz-System S.A.
- **Saulius Bilys** – CEO, AB Amber Grid
- **Miroslaw Skowron** – Member of the Management Board, Ciech S.A.
- **Maciej Woźniak** – Vice-president of the Management Board, PGNIG S.A.
- **Norbert Grudzień** – Vice-President of the Management Board for Investments and Managing the Property, PGE Górnictwo i Energetyka Konwencjonalna S.A.
- **Ireneusz Krupa** – Member of the Management Board, PSG sp. z o.o.

- › Electrification of public transport – when will an electric fleet replace combustion vehicles?
- › Key success factors for mobility – development of fast charging infrastructure or subsidised vehicle purchase

Moderator

- **Att. Paweł Grzejszczak** – DZP law firm

Speakers

- **Michał Kurtyka** – Secretary of State, Ministry of the Environment, Government Plenipotentiary for the Presidency of the Conference of the Parties (COP24)
- **Marek Gawroński** – Vice-President, Volvo Poland
- **DSc., Eng. Izabela Sówka** – Faculty of Environmental Engineering, Wrocław University of Science and Technology
- **Tomasz Wilczak** – Vice-President for Technical Affairs, PGNIG TERMIKA
- **Artur Michalski** – Deputy President of the Management Board, National Fund for Environmental Protection and Water Management (NFOŚiGW)
- **Magdalena Jackowska-Rejman** – President of the Management Board, TechBrainers Sp. z o.o.
- **Henryk Mucha** – President of the Management Board, PGNIG Obrót Detaliczny Sp. z o.o.

17:35-17:40 End of the first day

AGENDA DAY II – 26 SEPTEMBER 2019*

OPENING SESSION

09:00 Honorary Guest Speeches

- › Opening speech – **Adam Gawęda, Secretary of State, Government Plenipotentiary for the Restructuring of Coal Mining**
- › Opening speech – **Łukasz Koliński, Head of Unit for Economic analysis and Financial instruments, European Commission Directorate, General for Energy**
- › Opening speech – **James Hughes, Minister-Counsellor for Economic Affairs, British Embassy Warsaw**
- › Opening speech – **Roberto Neccia, Deputy Head of Mission and Economic Counsellor – Italian Embassy**

THEMATIC SESSION – FINANCING OF THE TRANSITION IN THE POWER INDUSTRY

Keynote Speech: **Radosław Kwiecień** – Member of the Management Board, Bank Gospodarstwa Krajowego

09:45 – 11:15 Discussion panel: **Financing transformation in the energy sector:**

- › Financial mechanisms of the EU – Modernisation Fund, coal in transition
- › Debt financing and corporate bonds
- › New forms of financing investments in the energy sector – hybrid bonds, Eurobonds

- › CVC funds and grants to finance innovation
- › The role of infrastructure funds in the development of investment projects increasing the state's energy security
- › Importance of support mechanisms for obtaining investment financing – power market, RES auctions

Moderator

- **Robert Tomaszewski** – Polityka Insight

Speakers

- **Radosław Kwiecień** – Member of the Management Board, Bank Gospodarstwa Krajowego
- **Anna Chmielewska** – Associate Director / Senior Banker, European Bank for Reconstruction and Development
- **Łukasz Koliński** – Head of Unit for Economic analysis and Financial instruments, European Commission Directorate, General for Energy
- **Piotr Paszko** – General Director for Treasury, Corporate Treasurer, KGHM Polska Miedź S.A.
- **François-Xavier Touzard** – Vice President, International Structured Finance / Bank of Intesa Sanpaolo Group
- **Agnieszka Wasilewska-Semal** – Vice-President of the Management Board, Rafako SA
- **Adam Burda** – Director of Strategic Customers Department – Energy, Oil&Gas, TMT, PKO Bank Polski

11:15 – 11:30 Coffee break

THEMATIC SESSION – NEW TECHNOLOGIES IN POWER INDUSTRY AND IMPACT OF INNOVATION ON THE ENERGY TRANSITION PARALLEL PANELS

11:30 Presentation: **Bartłomiej Szymaniak, IFS, „Transformation in the area of maintenance services”**

Keynote Speech: **Bartosz Bursa, Saule Sp. z o. o., „Step by step towards commercially available flexible perovskite solar cells”**

12:00 – 13:30 Discussion panel: **New technologies in power industry**, under the aegis of **NCBR**



- › Innovations in energy sector and their key role in developing low-carbon energy
- › Smart grid and smart metering - intelligent technologies in the era of changes in transmission infrastructure functions, growing share of RES and distributed generation
- › „Smart City” as a model of cooperation between energy companies and local governments
- › Technologies to optimise resources and increase energy efficiency
- › Digitalisation of power industry and the use of artificial intelligence – new business models
- › Potential and conditions for the development of energy storage facilities, available technologies and functionalities
- › Energy storage as an opportunity for rapid development of RES

Moderator

- **Katarzyna Sobótka-Demianowska** – Head of E-mobility Electric Vehicle Charging Infrastructure, ABB Sp. z o.o.

Speakers

- **Mariusz Zieliński** – Product Manager, Asseco Poland
- **Hando Sutter** – Chairman of the Management Board Eesti Energia
- **Dr. Eng. Agnieszka Jakubiak** – Project Coordinator, NCBiR
- **Adam Zalewski** – Director of Strategy and Development, Griffin Group Energy
- **Anna Streżyńska** – President of the Management Board, MC2 Innovation
- **Maciej Bluj** – President of the Management Board, Go2 Smart
- **Michał Rumiński** – President of the Management Board, EEC Magenta Sp. z o. o.
- **Robert Bednarski** – Director of the Smart City and Project Management Office in the City Hall of Wrocław

11:30 – 12:00 Keynote Speech: **Joanna Podgórska** – Head of the Innovation and Business Development Department, **PGNiG S.A., „Challenges for the gas, fuel and energy sectors as a source of innovation”**

12:00 – 13:30 Panel discussion under the aegis of **PGNiG**: **„Impact of Innovation on the Energy Transition”:**



- › Innovative activity in the gas, fuel and energy sectors
- › Role of innovation in short and long-term strategies of companies in the industry
- › Internal and external determinants of the industry's innovation development
- › Which innovations does the industry need today to be able to develop tomorrow?
- › How and with whom can we develop innovative ideas?
- › Challenges for the innovation development in Polish companies from the sector

Moderator

- **Krzysztof Bolesta** – Vice-President of the Foundation FPPE

Speakers

- **Łukasz Kroplewski** – Vice-President for Development, PGNiG S.A.
- **Grzegorz Należyty** – Member of the Management Board and Director of Gas and Power of Siemens Company in Poland
- **Piotr Rudzki** – PwC Advisory
- **Bartłomiej Steczowicz** – President of the Management Board, Teraz Energia Sp. z o. o.
- **Aneta Wilmańska** – Director of PGNiG S.A. Representative Office in Brussels, Vice-President of the EU Committee within IOGP (International Association of Oil&Gas Producers)

AGENDA DAY II – 26 SEPTEMBER 2019*

THEMATIC SESSION – THE FUTURE OF ENERGY PARALLEL PANELS

13:30 Keynote Speech: **Dr. Eng. Wojciech Myślecki** – Wrocław University of Science and Technology, Chairman of the Modern Technologies Team at NCBR, „Doctrinal priorities of new energy policy of Poland to 2040”

Keynote Speech: **Prof. Józef Orzel** – Chairman of the Board for Digitalization – Ministry of Digital Affairs, „Role of energy policy in the economic strategy of Poland”

14:00 – 15:00 Discussion panel: **Poland’s new energy policy:**

- › Future vision on the energy sector – centralised system or distributed generation?
- › Poland’s fuel mix in 2040 and its impact on energy security, achievement of emission targets and energy prices in Poland
- › The doctrine of decarbonisation and the role of renewable energy in Poland’s energy mix
- › Cooperation of conventional coal sources and large-scale RES within the framework of Poland’s new energy policy
- › Nuclear power engineering – a strategic option or a necessity? What technology should Poland focus on?
- › Ensuring stability of energy generation from various sources as a key element in ensuring the state’s energy security

Moderator

- **Marcin Roszkowski** – President of the Management Board of the Jagiellonian Institute

Speakers

- **Adam Gawęda** – Secretary of State, Government Plenipotentiary for the Restructuring of Coal Mining
- **Dr. Eng. Wojciech Myślecki** – Wrocław University of Science and Technology, Chairman of the Modern Technologies Team at NCBR
- **Paweł Turowski** – National Security Office
- **PhD, DSc. Waldemar Skomudek** – Professor of Opole University of Technology
- **D. Sc. Ludwik Pieńkowski** – Professor of AGH University of Science and Technology, Nuclear Power Department
- **Karolina Baca-Pogorzelska**

13:30 – 15:00 Discussion panel: **The use of hydrogen in the power industry:**

- › Areas of hydrogen use in decarbonisation and global energy transformation
- › The role of hydrogen in energy storage and balancing of a power system dominated by RES? Evolution from “Power to Gas” to “Power to X”
- › The vision of hydrogen as an alternative fuel and its role in the strategy for zero-emission mobility
- › Hydrogen technologies in the gas sector – capability, barriers, potential
- › Safe operation of hydrogen systems – good practices worldwide
- › How can the technology policy support the development of hydrogen technologies

Moderator

- **Maciej Jakubik** – General Director, Central Europe Energy Partners

Speakers

- **Wojciech Hann** – Member of the Management Board, BGK
- **Krzysztof Sitarski** – Member of the Sejm of the Republic of Poland
- **Tomoho Umeda** – President of the Management Board, TOMO GROUP
- **Przemysław Bielecki** – Head of Regulation and International Affairs Department, Grupa LOTOS S.A.
- **Dr. Eng. Paweł Bielski** – Head of the Institute of Industrial Chemistry*
- **Krzysztof Kochanowski** – Vice-President, CEO, Stowarzyszenie Polska Izba Magazynowania Energii PIME

15:00 Closing of the 5th Energy Congress

15:15 Lunch



Date

25 - 26 September 2019



Place

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