

I Nuclear Power Industry Congress

„How to become a leader in nuclear power development in the region”

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AGENDA

I Nuclear Power Industry Congress

„How to become a leader in nuclear power development in the region”

September 12-13, 2023

**Venue: IT Center of AGH University of Science and Technology in Cracow, Poland,
ul. Kawiora 21, 30-055 Cracow, room 1.38**

----- **September 12, 2023** -----

Congress Host: Monika Silva – Deputy General Director of IGEOS

09:00 - 10:00 Participant registration and welcome coffee

10:00 - 10:15 OPENING AND WELCOME TO GUESTS

Bogdan Pilch – General Director of IGEOS
Prof. Jerzy Lis* – Rector of AGH University of Science and Technology

10:15 - 10:45 VIP SPEECHES

Adam Guibourgé-Czetwertyński – Undersecretary of State at the **Ministry of Climate and Environment**
Anna Łukaszewska-Trzeciakowska – Government Plenipotentiary for Strategic Energy Infrastructure
Krzysztof Mech – Deputy Director at the Department of Low Carbon Economy
Ministry of Economic Development and Technology

10:45 - 11:00 PRESENTATION

Is the political and business environment in the world, Europe and Poland supportive of the development of nuclear energy in Europe?

Igor Muszyński – Partner at **Wolf Theiss**

Topics:

Regulatory and legal status - opportunity and threats, Fit for 55 perspective, REPowerEU, RED III Directives, is there a chance to create European funds for nuclear power development in light of the Taxonomy document?

11:00 - 12:30 DISCUSSION PANEL

Moderator: **Konrad Świrski** – Board Secretary of IGEOS

*Environment and challenges - nuclear as an opportunity for Poland's electric power sector transformation?
Nuclear industry sector an engine of economic growth*

Participants:

Przemysław Drapała – Attorney-at-law, Managing Partner of **JDP Law Firm**
Paweł Łączkowski – Attorney-at-law, Partner Associate, **Deloitte Legal**
Robert Paprocki – Representative of the Board, Nuclear Integration, **Polskie Sieci Elektroenergetyczne PSE**
Paweł Pytlarczyk – Director of the Department of Nuclear Energy at the **Ministry of Climate and Environment**
Paweł Smoliński – Director of Innovation and Development Department **Office of Technical Inspection (UDT)**
Iwona Koltsov – Director of Research Centre for Hydrogen Technologies, **Łukasiewicz - Institute of Electrical Engineering**

Topics:

Poland's path to the atom:

- a. Regulatory and legal status, strategic documents: PPEJ/PEP2040
- b. Schedule, how to achieve the goals - discussion of key assumptions and scenarios, their feasibility (based on UW/Baker McKenzie report, etc.). Structure of projects, state of infrastructure, what Poland should pay attention to in order to properly achieve the goals
- c. Technological optimization, prospects for using Polish potential in know-how transfer, role of Polish companies and institutions
- d. How to finance:
 - Construction of large reactors
 - SMR/MMR commercialization
 - R&D work, role of Polish institutions
 - Available funds

Will the EU mobilize the necessary funds for the NPP sector?

12:30 - 13:30 Lunch break

13:30 – 13:45 PRESENTATION

Accenture perspectives on growth of nuclear power industry globally

Terry Maxey – Managing Director – Utilities, Global Power Generation Lead - **Accenture**

13:45 - 15:15 DISCUSSION PANEL

Moderator: **Dominika Taranko** – Director of Energy and Climate Forum, **Union of Entrepreneurs and Employers**

Development of nuclear energy in Poland - status and perspective of technology providers

Participants:

- Mike Crawforth** – Business Development Manager, **Rolls-Royce SMR**
Antoine Guelfi – Export Services Director, **EDF - New Nuclear Projects and Engineering**
Joseph B. Klecha – Chief Nuclear Officer, **Cohesive Group**
Mirosław Kowalik – CEO, **Westinghouse Electric Poland**
Dagmara Peret – Vice President, Country Executive, **GE Hitachi Nuclear Energy**, Part of GE Vernova
Seungchan Yi – General Manager, **Korea Hydro & Nuclear Power**
Terry Maxey – Managing Director – Utilities, Global Power Generation Lead - **Accenture**

Topics:

Technological maturity, schedule, security aspects and market readiness

15:15 - 15:30 Coffee break

15:30 - 15:45 PRESENTATION

Legal challenges ahead for contractors involved in nuclear power projects

Prof. Przemysław Drapała - Attorney-at-law, Managing Partner of **JDP Law Firm**

15:45 - 16:00 PRESENTATION

“Nuclear integration with RES and readiness of the industry to deliver 2050 plans. How to use experience from European projects for Polish investments?”

- Miroslav Lopour** – Senior Manager in the Energy Strategy Team, **Deloitte Czech Republic**
Michal Zeman – Senior Manager in the Energy Strategy Team, **Deloitte Czech Republic**

16:00 - 17:30 DISCUSSION PANEL

Moderator: **Rafał Zasuń** – Editor-in-chief, **WysokieNapięcie.pl**

Contractors, How to effectively engage in work for the nuclear industry? - market/international experience

Participants: IGEOS Members (with experience in nuclear projects)

Wojciech Majka – CEO, **Ecol**

Małgorzata Niziurska – Deputy Director for Research and Commercialization, **Łukasiewicz – Instytut Ceramiki i Materiałów Budowlanych**

Grzegorz Pakuła – Board Representative for the Nuclear Program, **Grupa Powen-Wafapomp**

Olgiard Sikora – Vice President, Marketing and Development Director, **Energoprojekt Katowice**

Paweł Śmigła – Member of the Board, Director of the Commercial Division **Mostostal Kraków**

Piotr Weryński – Owner, **Monta Materials Handling**

17:30 - 17:45 SUMMARY OF THE FIRST DAY OF THE CONGRESS

19:00 - 23:00 DINNER / NETWORKING

Restaurant **Crystal Palace**, ul. Św. Jana 2 / IV, Cracow (1,8 km from AGH)

08:30 - 09:00 Welcome coffee

09:00 - 09:30 PRESENTATION

Andrzej Sidło – Minister’s Counselor, **Ministry of Climate and Environment**

Support for Polish industry

What Polish entrepreneurs can count on in connection with the development of the nuclear power sector?, the role and tasks of state administration institutions, including the Ministry of the Climate and Environment on the way to maximize the participation of domestic entities in the Polish Nuclear Power Program PPEJ

Topics:

Support of Polish industry - the main planes of action

Plans and strategies to support Polish industry in the process of obtaining and implementing quality certification

Promotion and support of domestic enterprises in the international arena to win foreign orders

Support for cluster or other initiatives to bring together interested companies

09:30 - 10:30 DISCUSSION PANEL

Moderator: **Jacek Nowicki** – General Secretary of **SEP Association of Polish Electricians**

Industry financing and support

Participants:

Piotr Maciaszek – Director of the Insurance and International Relations Department, **KUKE**

Maciej Martyniuk – Head of Strategy Unit, **The National Center for Research and Development (NCBiR)**

Alice Neffe – Director of Global Affairs Office, **Industrial Development Agency (ARP)**

Robert Rudich – Energy Attaché, **U.S. Embassy Warsaw, Poland**

Marek Sienkiewicz – Partner Associate in the Tax Advisory Department, **Deloitte**

Joanna Smolik – Head of Strategic Client Department, **Bank of the National Economy (BGK)**

Topics:

Financing of Polish companies/industry, financial support on the way to adapt to the requirements for companies in the nuclear power supply chain - funds, investment loan, working capital loan, other forms of financing - business perspective

ESG reporting and their impact on corporate financing

10:30 - 11:15 PRESENTATION

Topics:

Educating personnel for the Polish Nuclear Energy Program, past experience and future plans

Participants:

Paweł Gajda – Vice President, **European Nuclear Society (ENS)/AGH**

Marcin Kardas – Deputy Director of Innovation, **National Centre for Nuclear Research (NCBJ)**

11:15 - 11:30 Coffee break

11:30 - 13:00 DISCUSSION PANEL

Moderator: **Wojciech Jakóbiak** – Editor-in-chief **BIZNESALERT.pl**

Development of nuclear energy in Poland - the perspective of 'INVESTORS'

Participants:

- Philippe Bordarier** – Chief Nuclear Officer, **Polskie Elektrownie Jądrowe (PEJ)**
Wacław Gudowski – Nuclear Technology Advisor, **ORLEN Synthos Green Energy**
Tomasz Nowacki – Board Member, **PGE PAK Energia Jądrowa**
Piotr Podgórski – Chief Executive Officer for Transformation, **KGHM Polska Miedź**
Szczepan Ruman – CEO, Świątokrzyska Industrial Group **Industria**

Topics:

Planned investments and tangible benefits for the region(s)
Investment preparation and implementation - program/project status, big and small atom preparation stage, milestones, next steps/plans

13:00 - 14:00 Lunch break

14:00 - 15:40 THEMATIC SUB-SESSIONS (PRESENTATIONS 5x20 min)
SUPPLIER CHAIN and LOCAL CONTENT (lessons learned)

Participants:

- Carmen Alonso** – Vice President of Quality – Advanced Nuclear, **GE Hitachi Nuclear Energy**
“BWRX-300 GEH Nuclear”
- Thierry Deschaux** – Managing Director, **EDF Representative Office in Poland**
- Joel Eacker** – Vice President, New Plant Projects, **Westinghouse Electric Company**
- Ronald Surrock** – Construction Manager, **Bechtel**
“Requirements for companies aspiring to join nuclear power sector supplier chains - Bechtel (prospective contractor's perspective)”
- Seungchan Yi** – General Manager, **Korea Hydro & Nuclear Power**
„Status of KHNP & SCM Model”

Topics:

Requirements for companies aspiring to join nuclear power sector supplier chains - Bechtel (prospective contractor's perspective)

Procurement and contracting process for new nuclear power plants (specifics of the undertaking and its importance for the success and implementation of projects) - Westinghouse/requirements of the nuclear industry sector for subcontractors on the example of qualifying audit - Westinghouse

Supply chain and its key importance for safety and reliability of nuclear power plant operation (supply chain management, nuclear safety aspects, and quality assurance of delivered goods and services) - EDF

South Korea's market experience in building a nuclear power supply chain - KHNP/KEPCO

15:40 - 16:00 SUMMARY AND CLOSING OF THE CONGRESS