

Agenda

SMR – THE MODULAR ATOM FOR BUSINESS

(Is Poland the SMR Technology Incubator in Europe?)

Warsaw, Sheraton Plaza, ul. B. Prusa 2

June 12, 2023

8:30 Registration and welcome coffee

9:00 Opening of the conference and introduction from the organizer, main partner and honorary patrons

- Adam Guibourgé-Czetwertyński, Undersecretary of State, Ministry of Climate and Environment
- Kamila Król, Undersecretary of State, Ministry of Economic Development and Technology
- Jarosław Dybowski, Executive Director for Energy, PKN ORLEN; Vice President, ORLEN Synthos Green Energy
- Jakub Bińkowski, Member of the Board, Union of Entrepreneurs and Employers

9:30 Plenary discussion session with honorary guests

Topics: SMRs as a stable source of energy for industry, production of pink hydrogen, cooperation with RES, costs, availability of technology, place of SMRs in the energy mix and role in the economy, time horizon

- MD Grzegorz Czelej, Senator of the Republic of Poland, Chairman of the Senate Team for Nuclear Energy and Renewable Energy Sources
- Jarosław Dybowski, Executive Director for Energy, PKN ORLEN; Vice President, ORLEN Synthos Green Energy
- Adam Guibourgé-Czetwertyński, Undersecretary of State, Ministry of Climate and Environment
- Kamila Król, Undersecretary of State, Ministry of Economic Development and Technology.
- prof. Krzysztof Kurek, Director, National Centre for Nuclear Research
- Artur Michalski, Vice President, National Fund for Environmental Protection and Water Management
- Robert Rudich, Energy Attaché and Director, Department of Energy Office, U.S. Embassy Warsaw, Poland

Moderation: Jakub Wiech, Editor, Energetyka24

10:30 Amendments in so-called nuclear special act and nuclear law in Poland.

Administrative procedures related to the construction of nuclear power plants (SMR specifics) - Kamil Adamczyk, Department of Nuclear Energy, Ministry of Climate and Environment

10:50 **Technology assessment and preparation of a location study for SMRs.**

Certification. – Ernest Staroń, Head, Analyzes and Permits Section, Nuclear Safety and Security Department, National Atomic Energy Agency

11:10 Coffee break (15 min)

11:25 **Legal framework for SMR** - challenges and future outlook – atty. Patrycja Wysocka, atty. Patrycja Nowakowska –Kubas Kos Gałkowski Law Firm

11:45 **SMR investments planned by ORLEN Synthos Green Energy** - Dawid Jackiewicz, Vice President, ORLEN Synthos Green Energy

12:05 **Nu Scale - Solutions certified by the US Nuclear Regulatory Commission (NRC)** - presentation of the technology provider - Scott Rasmussen, Director of Sales, Nu Scale Power

12:25 **SMR NUWARD - Pilot project aimed at developing standardized procedures and requirements on the European market** - presentation of the technology supplier - Sandro Baldi, NUWARD Commercial Director, EDF Representation in Poland

12:45-13:45 Lunch (60 mins)

13:45 – **Research and development in SMR technologies** – PhD Józef Sobolewski, Director for HTR Development, National Centre for Nuclear Research

14:05 **Conclusions from the Report "The future of small modular nuclear reactors (SMR) in Poland"** - Adam Juszcak, Advisor Polish Economic Institute (PIE)

14:25 **Czech SMR Roadmap - Investment Strategy in Small Nuclear Reactors of the Czech Republic** - Michal Mareš, Energy Consulting

14:45 **Much more than electric power: MMR - Fourth Generation Microreactor as a breakthrough in the concept of energy** - Andrzej J. Piotrowski, Vice President, Strategic Relations CEE, Ultra Safe Nuclear Corporation

15:05 Coffee break (15 min)

15:20 **Panel discussion with experts**

Topics: Differences between the available SMR technologies, development of SMRs in Europe, research and development, competence center for the SMR sector, supply and service chain

- Sandro Baldi, Commercial Director - NUWARD™, EDF Representation in Poland
- John Chaplin, Director, Strategic Finance, Last Energy
- Henryk Kubiczek Department Director Corporate Strategy and Development Department Grupa Azoty S.A.
- Artur Kucia, Director of the Strategic Client Office - Heavy and Mining Industry, PKO Bank Polski

- PhD Józef Sobolewski, Director for HTR Development, National Centre for Nuclear Research
- Michał Piekarski, Partner, Baker McKenzie Krzyżowski and Partners Limited Partnership
- Bogdan Pilch, General Director, Chamber of Commerce for Energy and Environmental Protection
- Piotr Podgórski, Chief Executive Officer for Transformation, KGHM Polska Miedź S.A.

Moderator: Krzysztof Kobyłka, Energy and Climate Program Manager, WiseEuropa

16:50 - Closing remarks