

Day One SMR Workshop on April 24th

SMRs: Leading the Charge towards Clean and Reliable Energy in the 21st Century

1300 Registration and Afternoon tea

1350 Opening and Chairman's Welcoming Address



1350 Chairman

**Hynek Beran, Senior Scientist, Czech
Technical University in Prague**

Hynek Beran Graduated at Czech technical university in automatic control systems. In the early 90's he cooperated with ETH Zürich, he was a manager of international conferences in Prague and in Ascona.



1400 Promoting Cross-Border Collaboration for Advancing SMR Deployment in CEE Countries

**Kalev Kallemets, Founder, Fermi
Energia**

Kalev Kallemets, Ph.D., is co-founder and CEO of Fermi Energia, company established early 2019 by Estonian nuclear energy professionals and business people to develop Small Modular Reactor deployment in Estonia.



1500 Driving Nuclear Expansion and Collaboration

**Carl Sommerholt, Senior Advisor
Thermal & Nuclear, Eurelectric**

Carl Sommerholt is Senior Advisor Thermal & Nuclear at Eurelectric, Brussels, with his background in the nuclear industry with Vattenfall and Swedish Nuclear Fuel & Waste Management Company, SKB.

1530 Networking Coffee Break



1600 SMR as a Substitute of Coal Central Heating in Our Cities

**Hynek Beran, Senior Scientist, Czech
Technical University in Prague**

Hynek Beran Graduated at Czech technical university in automatic control systems. In the early 90's he cooperated with ETH Zürich, he was a manager of international conferences in Prague and in Ascona. Since 1997 he runs spinoff company Cygni oriented namely to energy transformation, forecast and system optimization.

1700 End of Day One

Day Two Main Forum on April 25th Enabling a Strong Nuclear Programme in CEEs

0800 Registration and Morning Tea

0850 Opening and Chairman's Welcoming Address



0850 Chairman

Ivan Hinovski, Chairman, **Bulgarian Energy & Mining Forum**

Ivan Hinovski is mechanical & nuclear engineer with more than 50 years experience in nuclear energy development with long term experience in the business in USA, France, Italy, IAEA, Japan, Canada.

Session 1: Explore the Prospects for Nuclear Power Opportunities Globally



0900 Nuclear energy in the context of the new climate policy of EU and Bulgarian approach

Ivan Hinovski, Chairman, **Bulgarian Energy & Mining Forum**

Ivan Hinovski is mechanical & nuclear engineer with more than 50 years experience in nuclear energy development with long term experience in the business in USA, France, Italy, IAEA, Japan, Canada.



0930 Ukrainian plans on NPP development

Svitlana Grynychuk, Deputy Minister, **Ministry of Energy of Ukraine**

Svitlana Grynychuk, Deputy Minister of Energy of Ukraine since 05 September 2023, until her appointment she was Director of the Reform Support Office at the Ministry of Energy.

Session 2: Overview of Nuclear Power Situation and Potentials in CEE Countries



1000 How is the Renaissance of Nuclear Power in Europe Continuing?

Vladimir Wagner, Chairman of the Board, **Nuclear Physics Institute of CAS Řež and FNSPE of CTU Prague**

Vladimír Wagner (1960) is nuclear physicists graduated from Faculty of Mathematics and Physics of the Charles University at Prague. He acts at the Nuclear Physics Institute of CAS in the fields of very hot and dense nuclear matter study and accelerator driven transmutation research.

1030 Networking Coffee Break

Panel

1100 Panel Discussion:

Discussion

[Supply Chain Focus] How to Build an Independent, Robust, Resilient Nuclear Supply Chains to Guarantee Energy Sovereignty in CEE Countries

- Diversification across the Nuclear Value Chain – Opportunities and Challenges for

EU's Security of Supply and Nuclear Safety

- Opportunities and Challenges in Supply Chain Diversification and Standardisation for Nuclear Components and Services, incl. for SMRs
- A joint Supply Chain Driven Platform Supported by All the Shareholders
- To Explore New Build, SMR, Fusion, D&D and etc

Moderator

Hynek Beran, Senior Scientist, Czech Technical University in Prague

Panelist

- **Thomas Xu**, International Sales, **FEVDI Nuclear Expert**
- **Carl Sommerholt**, Senior Advisor Thermal & Nuclear, **Eurelectric**
- **Lorenzo Santini**, Director, Nuclear Business Development, **Worley**
- **Juha Poikola**, Manager, Public Relations, **Teollisuuden Voima Oyj**
- **Donald R. Hoffman**, President and CEO, **Excel Services Corporation**



1200 Networking luncheon



1325 Chairman

Donald R. Hoffman, President and CEO, Excel Services Corporation

Donald founded EXCEL SERVICES CORPORATION (hereinafter EXCEL) in 1985, a global nuclear engineering consulting company. In the thirty-seven years since the formation of the company, EXCEL has become globally recognized as the premier supplier of licensing, regulatory, engineering, technical, operations and critical infrastructure services to nuclear facilities worldwide.



1330 Green Transition in the Strategy of the MVM Group, With Nuclear Technology

Dr. Csaba KISS, Deputy CEO and Chief Generation Officer, **MVM Energy Plc.**

Mr. Kiss has a +35 years career in the power generation industry, has had a solid management and business leadership experience since 1999 as Executive Managing Director and Plant Manager of operating different power plant portfolios and businesses in Hungary and Italy.



1400 Nuclear Business Operating Under Extreme Conditions

Kateryna Bakhmach, Chief Executive Officer, **Radics LLC**

She has become a great facilitator between the Company owner and other executives to manage a workplace where employees can grow in their roles and feel like valued members of the Team. Kateryna is an optimistic ambassador for Company's brand. She successfully leads Radics business in a constant flux of a fast-paced technology-driven competitive reality. Staying curious and agile, she keeps focused and demonstrates strong leadership and vision.



1430 Opportunities and Challenges of SMRs Deployment

Yu Jingsheng, Deputy Director Marketing(international business) Department, **CNPO**

CNPO(China Nuclear Power Operation Technology Corporation, Ltd) is a professional company for nuclear power plant operation support and services belong to CNNC(China National Nuclear Corporation)/CNNP(China National Nuclear Power Co. Ltd) Yu Jingsheng joined CNPO in 1996 since graduated from The Academy of Sciences of China as Master of Science has successively served as engineer, site manager and deputy director for international business up to now.

1500 working Coffee Break



1530 New Nuclear Build Approaches for Success

Donald R. Hoffman, President and CEO, **Excel Services Corporation**

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services to nuclear facilities worldwide.

Session 3: Mitigating Risks, Securing Financing, and Ensuring Effective Project Management in International Collaborations



1600 Czechia and Nuclear Energy (European Security)

Pavel Bilek, President and General, **Czech Atlantic Commission**

Assoc. Prof. JUDr. Pavel Bilek, Ph.D., Dr. h. c. President (since 2002) and General (since 2018) of the Czech Atlantic Commission, historic member of the International Atlantic Treaty Association based in Brussels



1630 Towards SMR-projects and - Finnish perspective

Liisa Heikinheimo, Consultant of **Kind Atom Oy**; Member of **STUK Safety Council**

Heikinheimo studied at Helsinki University of Technology, MSc in 1980, and at Technical University of Eindhoven (NL), DSc in 1995, the main subjects were Materials Science and Materials Engineering. Dr Heikinheimo retired in May 2023 from Deputy Director General, Energy Department, Ministry of Economic Affairs and Employment



1700 Saving competences, Industry Cooperation. Energy Security.

Tomas Kovalovsky, Chairman of the Board, **Czech Nuclear Association**

Chairman of the board of Czech Nuclear Association. Expert and consultant in the field of energy.

Currently supporting Czech nuclear program for NPP Dukovany 5,6 and Temelin 3,4 including industry and suppliers.

1730 End of Day Two

Day Three Sub-Forum One on April 26th:

Nuclear New Build, LTO, SMRs and Advanced Nuclear Technologies in CEEs

0800 Registration and Morning Tea

0910 Opening and Chairman's Welcoming Address



0910 Chairman

Kevin Masters, Director, Major Projects Advisory, **KPMG-**

Kevin Masters is a director of KPMG's Major Projects Advisory team and heads up Construction Innovation. Kevin has 20+ years of experience deploying various derivatives of MMC across the private and public sectors.

Session 4A: Addressing New Build and Small Modular Reactors (SMRs) in CEEs: Recent Progress and Achievements



0915 Mochovce 3&4 and beyond

- Status of Units 3 and 4.
- Project financing.
- Small Modular Reactors in Slovenske Elektrarne

Miguel Goberna Rodriguez, Deputy Project Director & Shareholder (Enel) Representative, **Slovenské elektrárne, a.s.**

Miguel started his professional career in Enel nuclear engineering and business model teams developing the Italian nuclear new build and other joint ventures. Miguel is M.Sc. in Industrial Engineering and in Electrical technology, and was member of the IAEA Consultancy Group for the Safety Report "Impact of open phase conditions in electrical power supply systems of NPPs".



0945 Current status of the Paks II. project.

Role Of Nuclear In Hungary, Design, Licensing And Physical Works Going On On The Site, Tasks For The Near Future

Attila Hügyecz, Chief International Officer, **Paks II. Nuclear Power Plant Ltd.**

Attila Hügyecz is an economist, materials engineer and nuclear power plant operation engineer. He has been involved in the Paks II. project since its beginning, 2014. He worked on different topics of the project, like environmental licensing, electricity market analyses, state aid related questions.

1015 Networking Coffee Break



1045 The climate and nature crises and the role of the Environment Agency in UK government's nuclear new build programme

Andrea Basten, Nuclear New Build Programme Senior Habitats

Andrea has worked for the Environment Agency since it was formed in 1996 in various positions progressing to a senior advisor role. Most of Andrea's career has been focused on assessing the impacts of regulated activities on nature conservation



Regulations Advisor, **Environment Agency (EA), UK**

1115 Key Regulatory Developments In Cee Nuclear Sector

- Strategic update for the CEE region;
- Regulatory developments in Poland, Czech Republic, Romania and Bulgaria;
- Key take – aways.

Kostadin Sirleshtov, Head of Energy, Projects and Construction in Central and Eastern Europe, **Cms Cameron Mckenna Nabarro**

sites of national, European and international importance.

Kostadin Sirleshtov is Managing Partner of CMS Sofia and Head of Energy & Climate Change for Central and Eastern Europe and for Bulgaria. Kostadin is leading the CMS nuclear initiatives in Central and Eastern Europe and in Bulgaria and is coordinating the ongoing nuclear energy assignments that the firm has across CEE.

Panel Discussion

1145 Panel Discussion: Promoting Cross-Border Collaboration for Advancing SMR Deployment in CEE Countries

- Highlighting Specific Measures Taken to Facilitate Inter-Governmental Relationship Harmonization and Address Assessment Streamlining Challenges
- Examining the Need for Regulatory Collaboration to Establish Consensus on Technical, Policy, Safety, and Security Issues to Enhance the Role of Advanced SMR Designs in Clean Energy Production
- Emphasizing the Importance of Safety and Security Considerations in Licensing Processes to Enable Technology Holders and Operators to Develop Standardized Approaches for Manufacturing and Operation

Moderator

Kevin Masters, Director, Major Projects Advisory, **KPMG**

Panelist

- **Brianna LAZERWITZ**, Energy Economist, **International Atomic Energy Agency**
- **Kalev Kallems**, Founder, **Fermi Energia**
- **Stanislav Pecko**, Senior Manager for Development Project of Small Modular Reactors, **Slovenské elektrárne, a.s.**
- **Thérèse Burman**, Head of Legal, **Blykalla**
- **Jiří Franta**, Senior Expert, **McKinsey & Company**



1230 Networking Luncheon

Session 5A: Strategies for the Long-Term Operation and Modernization of Aging Nuclear Power Plants



1400 Establishing new SMRs in Ukraine
Mikael Fraenkel, CFO, Blykalla

Mikael Fraenkel is the CFO at Blykalla where he oversees finance as well as business development. Prior to that he was a Partner at Boston Consulting Group (BCG) in the Technology practice. He holds a MSc from The Stockholm School of Economics.



1430 Latest news and activities under SNETP umbrella
Szavai Szabolcs, BZN, SNETP Secretariat representative

Dr. Szabolcs Szávai has got MSc (1995) and later PhD (2012) in Mechanical Engineering, BSc in Economist (1999). He is the Director of Engineering Division, Head of Department of Structural Integrity and Production Technologies at Bay Zoltan Nonprofit Ltd, and associate professor at University of Miskolc.

1500 Networking Coffee Break



1530 Nuclear power for decarbonization

- Status of decarbonization
- Decarbonizing with nuclear power
- Status of nuclear power in Europe
- Main challenges
- Future Outlook

Michal Zeman, Senior Consultant – Energy, **Moore Advisory CZ s.r.o.**

Michal is a senior consultant at Moore Advisory CZ. He specializes in nuclear energy and engineering, hydrogen production, and the dismantling of large structures. With a background in nuclear engineering and over 5 years of experience in the field, Michal's work has primarily focused on advanced reactors, SMRs, and burnable absorbers.

Session 6A: Charting the Path to Small Modular Reactor (SMRs) Commercialization in CEE Countries



1600 Sizing the opportunity for SMRs in Europe

Jiří Franta, Senior Expert, **McKinsey & Company**

Jiří is a Senior Expert in the Prague Office of McKinsey & Co, dedicated to the Energy Practice and the Nuclear Service Line in Europe. Jiří supports clients in capex-intensive industries, focusing on capital productivity, manufacturing and nuclear new builds in Europe, Middle East, Africa and Asia.



1630 Global Energy Market Trends and Nuclear Economics

Brianna LAZERWITZ, Energy Economist, **International Atomic Energy Agency**

Brianna's work at the IAEA focuses on global energy transitions using both electric and non-electric (hydrogen and heat) solutions. She works with IAEA Member States to analyse how technical solutions, economics, financing, and market structure

1700 End of Day Three Sub-Forum One

**Day Three Sub-Forum Two on April 26th :
Decommissioning, Radioactive Waste and Nuclear Fuel Cycle**

0800 Registration and Morning Tea

0910 Opening and Chairman's Welcoming Address



0910 Chairman
Thomas Xu, International Sales, **FEVDI**
Nuclear Expert

Thomas XU joined the French company FEVDI as an International Sales Manager in 2013, he has developed the international business of FEVDI by implementing innovative nuclear decontamination technologies in numerous countries such as Belgium, Germany, UK, Italy, China, South Korea, United Arab Emirates, Canada and USA.

Session 4B: Decommissioning Successes & Project Learnings in CEE Countries



0915 Innovative Decontamination Solutions For Nuclear Decommissioning Activities.

Thomas Xu, International Sales, **FEVDI Nuclear Expert**

Thomas XU joined the French company FEVDI as an International Sales Manager in 2013, he has developed the international business of FEVDI by implementing innovative nuclear decontamination technologies in numerous countries such as Belgium, Germany, UK, Italy, China, South Korea, United Arab Emirates, Canada and USA.



0945 High Level waste management in France

Nicolas Solente, International Projects Manager, **Andra**

Nicolas Solente has been involved in multiple aspects of waste management and has led key projects both in France and internationally, first with Areva, now Orano, and then with Andra.

1015 Networking Coffee Break



1045 Strategy and opportunities in the Stainless Tubes supply chain to support the new nuclear projects

- Market situation
- Metal time challenges
- Supply Chain Strategy
- Special grades and requirements

STEHLE Mathieu, Key Accounts Manager Nuclear Global, **Salzgitter Mannesmann Stainless Tubes**

M. Stehle Graduated in 2005 as Mechanical Engineer from the CNAM in Paris, France and in 2006 with a Master of Science at HEC Paris in Marketing Intelligence. He acquired more than 20 years of experience in the metal industry in different roles and sectors such as Mechanical manufacturing, Automotive, Aerospace and Nuclear Industries.



1115 Fragmentation of Large-scale Equipment at the Decommissioning of NPPs

- Introduction of our related R&D activities Presentation of use cases as evaporator, steam generator

Ladislav Vargovcik, Director of PaIC global, **Technical University of Kosice**

Ladislav Vargovcik (MEng., PhD.) – Currently working as R&D Director of Prototyping and Innovation Centre at Technical University of Kosice (Slovakia).



1145 Dismantling and Fragmentation of Steam Generators at NPP Bohunice.

Andrej Ziarovsky, Director for International Operations Nuclear Global, **Vuje**

He graduated from the Faculty of Mechanical Engineering at the Slovak Technical University in Bratislava with a focus on thermal energy and subsequently completed his MBA studies at the Prague International Business School.

1215 Networking Luncheon

Session 5B&6B: Nuclear Fuel, Waste Disposal and Storage& Demonstrations of Decommissioning and Waste Management Solutions



1400 KROHNE Nuclear – Instrumentation and services for the Nuclear industry

Nicolas BECHU, Sales Director, **KROHNE Nuclear**

With over 25 years of expertise in process instrumentation for the global nuclear industry, he has acquired proficiency in contracting, design, manufacturing, qualification, testing, and project management.



1430 TBC
Nicholas George, Partner, **Dentons**

Nicholas George is a partner in the Paris office. He acts principally on international projects in the energy and infrastructure sectors.

1500 Networking Coffee Break



1530 Radiation Detection and Measurement

Simon BERNOU, Export Sales Representative, **Bertin Instruments, a brand of Bertin Technologies**

Simon BERNOU, Export Sales Representative, Bertin Instruments, a brand of Bertin Technologies



1600 Key decrees on radiation protection

Mikko Paunio, Medical Counselor MD, **Ministry of Social Affairs and Health, Finland**

Mikko Paunio is an epidemiologist who has worked for a number of public health institutions in his native Finland, as well as a brief spell at the World Bank, and is currently Senior Medical Officer in the Ministry of Social Affairs and Health of Finland.

1630 End of Day Three Sub-Forum Two