



TENTATIVE AGENDA

NUCLEAR INTER JURA 2024 NUCLEAR NEW BUILD RENAISSANCE

– IN SEARCH OF NEW APPROACHES TO LEGAL CHALLENGES
AND REGULATORY EFFECTIVENESS

Warsaw, Poland 3 - 7 November 2024

 Crowne Plaza® Warsaw – The HUB, Rondo Daszyńskiego 2, 00-843 Warsaw, POLAND

3 NOVEMBER 2024 - SUNDAY

18:00 Registration & Badge Pickup

19:00 Welcome reception

Co - Organizer 

www.dise.org.pl/en/inter-jura-2024

e-mail: biuro.inla@dise.org.pl

4 NOVEMBER 2024 - MONDAY
DAY 1: POLISH NUCLEAR POWER PROGRAMME AND THE WAY FORWARD

08:00-09:00 Registration of participants

09:00-10:30

Session 1: Opening Session: Setting the Stage for a Dynamic Congress

Kick off your Nuclear Inter Jura 2024 experience with a captivating inaugural session!

This high-profile event features esteemed keynote speakers who will provide diverse perspectives on the conference theme.

Prepare to:

- Gain insights into the current state and future of the nuclear industry.
- Be captivated by leading voices who will spark thought-provoking discussions.
- Set the stage for a week of engaging sessions and networking opportunities.

Don't miss this powerful launch to the Nuclear Inter Jura Congress!

WELCOME ADDRESSES

- **Mr. Łukasz Młynarkiewicz** – President, International Nuclear Law Association
- **Mr. Remigiusz Nowakowski** – President, DISE-Lower Silesian Institute for Energy Studies
- **Mr. Andrzej Głowacki** – President, National Atomic Energy Agency of the Republic of Poland (PAA)

OPENING SESSION – KEYNOTE SPEAKERS

- **Mr. William D. Magwood, IV** – Director-General, Nuclear Energy Agency OECD
- **Ms. Peri Lynne Johnson** – Legal Advisor to the IAEA Director General and the Director of the IAEA Office of Legal Affairs, International Atomic Energy Agency (IAEA)
- **Ministry Representative** – Ministry of Industry / Ministry of Climate and Environment of the Republic of Poland

This session dives deep into the critical intersection of Poland's nuclear ambitions and its national energy strategy.

Join us as we explore:

- **The role of nuclear power in Poland's plans for a low-carbon future**
- **Examining the challenges and opportunities** associated with developing and implementing the Nuclear Power Programme.
- **Technological considerations:** Exploring the types of nuclear reactors under consideration for Poland's program.
- **Public acceptance:** Considering public perception and social acceptance of nuclear power in Poland.
- **Devising strategies for successful implementation:** exploring best international practices and potential solutions for overcoming implementation hurdles.

This session is ideal for those seeking to understand:

- The intricacies of Poland's energy policy and its nuclear ambitions.
- The potential impact of nuclear power on Poland's energy landscape.
- The key considerations and challenges involved in implementing the Nuclear Power Programme.

Join us in Session 2 for an insightful exploration of Poland's energy future!

PANEL DISCUSSION

Moderator

- **Mr. Wojciech Jakóbk** – Co-Founder, Editor-in-Chief, BiznesAlert.pl

Speakers

- **Mr. William D. Magwood, IV** – Director-General, Nuclear Energy Agency OECD
- **Ms. Sama Bilbao y León** – Director General, World Nuclear Association
- **Mr. Andrzej Głowacki** – President, National Atomic Energy Agency of the Republic of Poland (PAA)
- **Mr. Andrzej Ziółkowski** – President, Office of Technical Inspection (UDT), Poland
- **Mr. Robert Paprocki** – Proxy of the Management Board of PSE S.A. for the Integration of Nuclear Power Plants with the National Power System, Poland
- **Ministry Representative** – Ministry of Industry / Ministry of Climate and Environment of the Republic of Poland

This session dives into the complex world of financing nuclear power plants, exploring the various options and challenges involved.

Key topics will include:

- **Financing options:** Examining traditional and innovative financing mechanisms, including those tailored for large-scale and small nuclear projects.
- **Public-private partnerships:** Leveraging Public-Private Partnerships to attract private investment and facilitate project development.
- **State aid:** Delving into the role of state aid in supporting nuclear development, project feasibility, and risk management.

This session is designed for:

- **Project developers** and **investors** seeking to understand financing options for nuclear projects.
- **Policymakers** and **government officials** interested in supporting nuclear energy development.
- **Financial professionals** looking to gain insights into the nuclear energy sector.
- **Lawyers** and **regulators** navigating the legal and regulatory framework of nuclear project financing.

Join Session 3 for a comprehensive discussion on the financial landscape of nuclear projects!

PANEL DISCUSSION

Co-Chairs:

- **Mr. Jean-Denis Treillard** - Managing Director, ELINI
- **Ms. Ximena Vásquez Maignan** – Counsel, White & Case LLP

Speakers

We are pleased to announce that the following institutions have been invited to be represented at the Congress, and we look forward to confirming their participation:

- Ministry of Climate and Environment of the Republic of Poland
- Bank Gospodarstwa Krajowego
- Polish Bank Association (ZBP)
- European Commission
- European Investment Bank

The specific individuals representing each institution will be announced as their participation is confirmed.

This session tackles the critical landscape of international nuclear trade and new build projects. Key areas of focus will include:

- **Navigating the new build landscape:** Discuss the latest trends and legal challenges in constructing new nuclear power plants globally.
- **Nuclear trade and regulatory developments:** Delve into the importance of robust import and export control regimes for nuclear materials and technology.
- **Facilitating International Cooperation:** Explore mechanisms and frameworks that enable nations to collaborate on nuclear technology and infrastructure development, including sourcing materials and technology and efficient supply chain management.
- **Contract structures in New Build Projects:** Explore the various contract models used for international collaboration in nuclear power plant construction.

This session is designed for:

- **Representatives** from government agencies involved in nuclear trade and regulation.
- **Industry leaders** from nuclear technology companies and engineering firms.
- **Experts** in nuclear safety, security, and non-proliferation.
- **Anyone interested** in the future of global nuclear power development.

Join Session 4 for a comprehensive discussion on the international dimensions of nuclear trade and its contribution to global nuclear new build!

PRESENTATIONS / PANEL DISCUSSION

Chairperson

- **Mr. William E. Fork** – Partner, Pillsbury Winthrop Shaw Pittman, LLP

Session Secretary

- **Mr. Graham Alty** – Partner, Head of Nuclear, Pinsent Masons LLP

Speakers – presentations

- **Ms. Ana Stanič** – Director, E&A Law Limited
Presentation: Review of Existing and Emerging Nuclear New Build Business Models
- **Mr. Tomasz Darowski** – Partner, Domański Zakrzewski Palinka Sp.k.
Mr. Kamil Pocięcha – Attorney-at-law, Senior Associate, Domański Zakrzewski Palinka Sp.k.
Presentation: Strategic Insights into Contracting for Infrastructure Projects and Introducing Nuclear Energy in Legal Landscape of Central Europe
- **Mr. Wojciech Wrochna** – Partner, Head of Energy, Infrastructure & Environment Practices Group, Kocharński & Partners
Mr. Bartosz Brzyski – Associate, Energy, Infrastructure & Environment Practices Group, Kocharński & Partners
Presentation: The role of nuclear power in the new EU energy market design
- **Ms. Kelly Stricklin-Coutinho** – Barrister, 39 Essex Chambers; Mediator, Centre for Effective Dispute Resolution (CEDR)
Presentation: Mediation and ADR in Nuclear Disputes
- **Mr. Graham Alty** – Partner, Head of Nuclear, Pinsent Masons LLP
Presentation: Contractual and Funding Structures for Large Scale Reactors and SMR

Following the presentations, a panel discussion will allow for further exploration of the key topics.

16:00-16:20

Coffee break

This session tackles the critical and interconnected issues of nuclear security and non-proliferation, the pillars of a peaceful global nuclear order. Join us for a dynamic exploration that examines these challenges from a variety of angles:

- **Building Robust Safeguards:** Experts will explore best practices for establishing strong nuclear security legal and regulatory frameworks, particularly for new nuclear power programs.
- **Evolving Threats and Legal Frameworks:** We'll delve into emerging challenges posed by new technologies and how legal frameworks can adapt to ensure continued security.
- **Advanced Reactors and Security:** Discuss the evolving security considerations that accompany the deployment of advanced reactor technologies.

This session is ideal for:

- **Policymakers, industry leaders, and security professionals** with a stake in nuclear security and non-proliferation strategies.
- **Legal professionals** navigating the evolving legal frameworks surrounding nuclear security.
- **Researchers and academics** specializing in nuclear security and non-proliferation issues.

Join Session 5 for a critical and timely discussion on safeguarding the global nuclear order and ensuring a peaceful future!

PANEL DISCUSSION / PRESENTATIONS

Chairperson

- **Ms. Madalina Man** – Legislative and Regulatory Specialist, Pacific Northwest National Laboratory

Session Secretary

- **Mr. Jonathan Herbach** – Co-Secretary, Working Group 6 on Nuclear Security and Non-Proliferation, INLA

Speakers - presentations

- **Ms. Pegah Eftekhari** – CBRN Security and Nonproliferation Analyst, Pacific Northwest National Laboratory
Presentation: Nuclear Security and Incorporating SeBD in Procurement Processes
- **Ms. Paulina Giżowska** – Deputy Directory, Nuclear Safety and Security Department, National Atomic Energy Agency of the Republic of Poland (PAA)
Presentation: Establishing Robust Nuclear Security Legal and Regulatory Frameworks for New Nuclear Power Programmes that Stand the Test of Time
- **Ms. Cristina Dominguez** – Head, Legal Department, Argentinian Nuclear Regulatory Authority (tbc)
Presentation: Unveiling the Nexus of Legal Ramifications and Nuclear Forensics: A Case Study on Sabotage in a Nuclear Facility
- **Ms. Madalina Man** – Legislative and Regulatory Specialist, Pacific Northwest National Laboratory
Presentation: Why Security Matters: Framing the Debate Around Nuclear Security in the Advent of Advanced Reactors' Deployments
- **Ms. Elif Aksoy** – Co-Secretary, Working Group 6 on Nuclear Security and Non-Proliferation, INLA
Presentations: Speaker: Nuclear Non-Proliferation Efforts for Emerging Nuclear Technologies: Importance of International Cooperation and Compliance.
- **Mr. Frederic Morris** – Legal Expert on Nuclear Security and Safeguards, Retired (discussion participant; tbc)

Following the presentations, a panel discussion will allow for further exploration of the key topics.

18:00

End of Day One

09:00-10:30

Session 6: New Approaches to Legal Challenges and Regulatory Effectiveness

Recent advances of nuclear industry pose an increasing number of complex legal challenges to regulatory effectiveness.

This panel offers a high-level overview of new approaches to the up-to-date matters in the regulatory sector. The current and former representatives of regulatory bodies will address crucial questions such as:

1. Does the legal regulatory framework keep pace with the developments? Is the current legal framework flexible enough?
2. How to make the best use of pre-licensing instruments? How to measure its legal power in different jurisdictions?
3. How to protect legal independence of regulatory bodies in the context of pressure to accelerate investment process?

When approaching the questions, the panel will perform a case study and discuss a range of current matters, including the staff turnover between regulatory bodies and the industry, the subsequent resolving potential conflicts of interests, and the enhancement of effective independence of regulatory bodies through the legal mechanisms and procedures.

PANEL DISCUSSION / PRESENTATIONS

Chairperson

- **Mr. Andrzej Głowacki** – President, National Atomic Energy Agency of the Republic of Poland (PAA)

Session Secretary

- **Mr. Jacek Łatka** – Attorney-at-law, National Atomic Energy Agency of the Republic of Poland (PAA)

Speakers - presentations

- **TMr. Ramzi Jammal** – Executive Vice-President and Chief Regulatory Operations Officer, Canadian Safety Nuclear Commission (CNSC)
- **Ms. Marta Žiaková** – Chairperson, Nuclear Regulatory Authority of the Slovak Republic (ÚJD)
- **Mr. Christopher T. Hanson** (tbc) – Chair, United States Nuclear Regulatory Commission (US NRC)
- **Mr. Petteri Tiippana** – Director General, Radiation and Nuclear Safety Authority (STUK), Finland

10:30-11:00

Coffee break

This session dives deep into the critical and interconnected areas of nuclear safety and regulation.

Join us as we explore:

- **The Latest Safety Developments:** Stay current on the latest advances and best practice in ensuring the safe operation of nuclear facilities.
- **Regulatory Frameworks and Harmonization:** Examine the role of national and international regulatory frameworks in upholding safety standards, with a focus on harmonization efforts across different countries.
- **Opportunities and Challenges of Streamlining Regulations:** Explore the main opportunities and challenges of streamlining licensing processes for new nuclear projects across multiple jurisdictions. This will include discussions on: maintaining high standards of safety, security, and environmental protection; and ensuring public confidence in nuclear energy.

This session is ideal for:

- **Regulators** responsible for developing and enforcing nuclear safety regulations.
- **Nuclear power plant operators** committed to maintaining the highest safety standards.
- **Industry professionals** involved in various aspects of nuclear safety.
- **Policymakers** shaping national and international nuclear safety policies.

Join Session 7 for a comprehensive discussion on navigating the evolving landscape of nuclear safety and regulation.



PANEL DISCUSSION

Chairperson

- **Mr. Ian Salter** – Partner, Burges Salmon LLP, UK

Session Secretary

- **Mr. Ray Kuyler** – Deputy General Counsel, Westinghouse Electric Company LLC (tbc)

Speakers - presentations

- **Mr. Ian Salter** – Partner, Burges Salmon LLP, UK
Presentation: Summary of INLA WG1 Work on Harmonisation of Licensing Rules for SMRs
- **Mr. Kamil Adamczyk** – Expert for Regulations, PGE PAK Energia Jądrowa S.A.
Presentation: Legislation to Accelerate Implementation of Nuclear New-Build Programme. The Case of Poland
- **Mr. Guan Schaiko** – Partner, Stibbe Law Firm
Ms. Ellen Vandensande – Policy advisor to the Belgian Minister of the Interior
Presentation: Environmental Impact Assessments with Regard to Decommissioning: Analysis of Existing Frameworks and Recommendations for Improving the Effectiveness
- **Mr. prof. Jakub Handrlica** – Vice-Dean for Postgraduate Studies, Law Faculty, Charles University in Prague, Czech Republic
Presentation: Nuclear-powered Spacecrafts – Nuclear Law and the New Space Era

Following the presentations, a panel discussion will allow for further exploration of the key topics and pose the question: What, if any, are the main opportunities and challenges for streamlining regulation around the world to allow more efficient and cost-effective licensing of new nuclear projects in multiple jurisdictions while maintaining high standards of safety, security and environmental protection, and ensuring public confidence?

Speakers - discussion

- **Mr. Ian Salter** (moderator) – Partner, Burges Salmon LLP, UK
- **Ms. Lisa Thiele** – Vice-President, Legal and Commission Affairs & Senior General Counsel, Canadian Nuclear Safety Commission (CNSC)
- **Mr. Anthony Wetherall** – Head, Nuclear and Treaty Law Section, Office of Legal Affairs, International Atomic Energy Agency (IAEA)
- **Mr. Ray Kuyler** – Deputy General Counsel, Westinghouse Electric Company LLC
- **Mr. Łukasz Młynarkiewicz** – President, International Nuclear Law Association

12:30-13:20

Lunch

Session 8 delves into the complex world of nuclear liability and insurance, crucial aspects of managing risk in the nuclear industry. Join us for an in-depth exploration of these vital topics:

- **International Legal Frameworks:** Experts will discuss key international conventions and national laws governing nuclear liability, including compensation for nuclear damage.
- **Emerging Issues and Challenges:** Experts will address current trends and challenges in the nuclear liability landscape, including new technologies and evolving regulatory environments.
- **The Role of Insurance:** The session will examine the role of insurance in providing financial security in the event of a nuclear incident. Discussions will explore different insurance models and risk-sharing mechanisms.
- **Financial Mechanisms for Liability Coverage:** Attendees will gain insights into various financial instruments used to meet nuclear liability obligations.

This session is ideal for:

- **Government officials** responsible for developing and implementing nuclear liability frameworks.
- **Legal professionals** navigating the complexities of nuclear liability law.
- **Insurance companies** and underwriters specializing in nuclear risk.
- **Nuclear power plant operators** and **risk management professionals**.
- **Researchers** and **academics** studying nuclear liability and insurance issues.

Join Session 8 for an in-depth exploration of nuclear liability and insurance.



PRESENTATIONS / PANEL DISCUSSION

Co-Chairs:

- **Ms. Ximena Vásquez – Maignan** – Counsel, White & Case LLP, France
- **Mr. William Horin** – President, INLA USA

Session Secretary

- **Ms. Fiona Geoffroy** – Senior Legal Advisor, EDF SA

Speakers – presentations

- **Ms. Elena de Boissieu** – Legal Advisor, Nuclear Energy Agency OECD
Presentation: The Reciprocity Principle in Nuclear Liability Conventions
- **Ms. Fiona Geoffroy** – Senior Legal Advisor, EDF SA
Presentation: When is reciprocity really reciprocal?
- **Ms. Patrycja Nowakowska** – Attorney-at-law, Senior Associate, Kubas, Kos, Gałkowski – Adwokaci Sp. k.
Presentation: Nuclear Damage Claims Regulation in Poland: Analysis and Diagnosis
- **Mr. Paweł Grzejszczak** – Attorney-at-law, Partner, Domański Zakrzewski Palinka Sp.k.
Presentation: Nuclear liability regime applicable to Polish nuclear projects
- **Ms. Denise Cheong** – Head of Energy Law and Policy, Centre for International Law, National University of Singapore
Ms. Nivedita S – Research Fellow, Centre for International Law, National University of Singapore
Presentation: From Oil to Nuclear: Developing Nuclear Compensation Systems through a Values Lens

Following the presentations, a panel discussion will allow for further exploration of the key topics.

This session delves into the critical topic of nuclear transport, ensuring the safe, secure, and efficient movement of nuclear materials around the world. Join us as we explore:

- **International Regulations and Best Practices:** Experts will discuss the international legal framework governing nuclear transport.
- **Nuclear Transport Liability and Territorial Scope:** Experts will examine international conventions that define liability in the case of a nuclear incident during transport, outlining the territorial application of these conventions.
- **Flag State Jurisdiction and Nuclear Security for Floating Nuclear Power Plants (FNPPs):**
A dedicated discussion will explore the unique challenges and regulatory considerations for nuclear transport associated with FNPPs.

This session is ideal for:

- **Regulators and policymakers** responsible for developing and implementing nuclear transport regulations.
- **Nuclear industry representatives** involved in the shipment of nuclear fuel and radioactive materials.
- **Legal professionals** navigating the complexities of nuclear transport liability.
- **Security experts** involved in safeguarding nuclear materials during transport.
- **Researchers and academics** specializing in nuclear transport safety and security.

Join Session 9 for a comprehensive exploration of the evolving landscape of nuclear transport.

PRESENTATIONS / PANEL DISCUSSION

Chairperson

- **Mr. Khalil Bukhari** – General Counsel, Newcleo Ltd, UK

Session Secretary

- **Mr. Jean-Denis Treillard** – Managing Director, ELINI

Speakers – presentations

- **Ms. Evelyne Ameye** – Founding Partner, EA Law
Presentation: Liability for Nuclear Transport: A Pragmatic Case Study Approach
- **Mr. Christian Raetzke** – Founding Partner, CONLAR
Presentation: Defining the Territorial Scope of Liability Conventions for Transport of Nuclear Substances
- **Mr. Marc Fialkoff** – Regulatory Specialist, Nuclear Nonproliferation Division, Oak Ridge National Laboratory
Mr. Jason Karcz – Nuclear Security Research Assistant, Oak Ridge National Laboratory
Presentation: Capture the Flag: Flag State Jurisdiction and Nuclear Security for Floating Nuclear Power Plants
- **Ms. Elena de Boissieu** – Legal Advisor, Nuclear Energy Agency OECD
Presentation: Transport of radioactive waste and nuclear liability conventions: Are small quantities excluded?

Following the presentations, a panel discussion will allow for further exploration of the key topics.

16:10-16:30

Coffee break

This session delves into the critical, interconnected areas of radioactive waste management and radiation protection.

Join us for an insightful exploration of:

- **Regulatory Frameworks and Oversight:** The session will examine the role of national and international regulations in ensuring the safe handling, storage, and disposal of radioactive waste.
- **Geological Disposal and Siting:** Experts will discuss various approaches to siting and developing geological disposal facilities for radioactive waste, including considerations for public acceptance and the "voluntary route".
- **Safeguarding in Uncertain Times:** Shifting gears, the session will explore "When Armies March – Radiological Protection During a Time of War." This presentation tackles the critical but often overlooked issue of maintaining radiation protection protocols in conflict zones, emphasizing the importance of preparedness for unforeseen circumstances.
- **Balancing Legacy and New Build:** Discussions will explore the waste management implications of extending the lifespan of existing nuclear plants (as in the case of Doel 4 and Tihange 3) alongside considerations for decommissioning and waste management associated with potential new build projects in the UK.

This session is ideal for:

- **Policymakers and regulators** responsible for developing and implementing radioactive waste management and radiation protection policies.
- **Legal professionals** specializing in nuclear energy law, environmental law, and decommissioning regulations.
- **Nuclear power plant operators** and **waste management professionals**.
- **Radiation protection specialists** and **occupational safety experts**.
- **Environmental protection specialists** concerned with the safe and sustainable management of radioactive waste.
- **Academics** focusing on nuclear waste management, decommissioning, and radiation protection.

Join Session 10 for a thought-provoking discussion on navigating the complexities of radioactive waste management, decommissioning, and radiation protection.

PRESENTATIONS / PANEL DISCUSSION

Co-Chairs:

- **Ms. Nuria Prieto Serrano** – Senior Technician, Dept. International Cooperation and R&D, ENRESA
- **Mr. Mark Sanders** – Sanders Engineering, USA

Speakers – presentations

- **Mr. Stephen Tromans KC** – King’s Counsel, 39 Essex Chambers, UK
Presentation: The Voluntary Route to a Geological Disposal Facility
- **Ms. Godelieve Vandeputte** – Head of Legal, Synatom, Electrabel SA, Belgium
Ms. Valérie Duchesne – Head of Legal, RES & Nuclear, Electrabel SA, Belgium
Presentation: The agreement between the Belgian Government and the Group Engie for the prolongation of the lifetime of the nuclear power plants of Doel 4 and Tihange 3
- **Mr. Fumito Tomooka** – Professor at Nihon University College of Law, Head of Researchers at Japan Energy Law Institute
Presentation: The Progress and Emerging Issues on Geological Disposal of High-Level Nuclear Wastes in Japan
- **Mr. Mark C. Sanders** – Sanders Engineering, USA
Ms. Charlotta E. Sanders – Associate Research Professor, University of Nevada, Las Vegas
Presentation: When Armies March – Radiological Protection During a Time of War
- **Ms. Lorraine Chiwenga** – Doctoral Candidate, University of Stirling
Presentation: Nuclear New Build Renaissance, Decommissioning and Radiological Protection in the United Kingdom
- **Ms. Nuria Prieto Serrano** – Senior Technician, Dept. International Cooperation and R&D, ENRESA
Presentation: SMR and AMR Radioactive Waste: A Comparative Legal Analysis

Following the presentations, a panel discussion will allow for further exploration of the key topics.

18:00

End of Day Two

09:00-10:30

Session 11: From Vision to Reality: Implementing Advanced Nuclear Technologies

This session kicks off the third day of the Congress by exploring the cutting edge of advanced nuclear technologies through the lens of industry vendors. It delves into the exciting world of these innovative solutions, examining their implementation prospects and the future landscape of the market.

Key Focus Areas:

- **Vendor Showcase:** Witness firsthand the latest advancements in advanced nuclear technologies as leading vendors present their most innovative offerings.
- **Implementation Challenges and Solutions:** Industry experts will tackle the practical hurdles associated with bringing advanced nuclear technologies to market.
- **Market Outlook and Future Trends:** Gain valuable insights into the current state and projected trajectory of the advanced nuclear market.

The session is designed for a broad audience with a stake in the future of nuclear energy, including:

- **Utility representatives** evaluating options for new nuclear build projects.
- **Policymakers** shaping national and international nuclear energy strategies.
- **Investors and financiers** seeking opportunities in the advanced nuclear market.
- **Regulators** overseeing the development and deployment of new nuclear technologies.
- **Industry professionals** across the spectrum of advanced nuclear technology.

Join Session 11 for a comprehensive overview of the latest advancements in advanced nuclear technologies. Gain invaluable insights from leading industry vendors as they unveil their most innovative solutions.

PANEL DISCUSSION / PRESENTATIONS

Moderator

- **Ms. Laetitia Cash** – Founder, Transition2Zero.net

Speakers - presentations

- **Mr. Robert K. Temple** – General Counsel, NuScale Power, LLC
Presentation: Planning and Contracting for Small Modular Reactor Deployment

We are actively engaging with prominent vendors in the Advanced Nuclear Technology (ANT) sector to explore their participation in the Congress. These include companies such as:

- GE Hitachi Nuclear Energy
- Rolls-Royce SMR
- Westinghouse Electric Company
- EDF
- Newcleo
- NuScale Power

The specific individuals representing each vendor will be announced as their participation is confirmed. Representatives from other leading vendors and stakeholders in the Advanced Nuclear Technology (ANT) ecosystem may also be included.

Following the presentations, a panel discussion will allow for further exploration of the key topics.

10:30-11:00 Coffee break

Session 12: Bridging the Gaps: A Regulatory Panel on Standardization of Regulatory Frameworks for Advanced Nuclear Technologies

The fast evolution of advanced nuclear technologies generates a flow of revolutionary concepts that push the national authorities to rethink the state-of-art regulations, potential threats, opportunities, and prospects of further development.

In the context of harmonization of regulatory frameworks, a lively debated term of “leveraging” comes into play, posing some important questions:

1. To what extent an evaluation done by other nuclear regulatory body can be used, and what are the legal constraints that prevent its effective use?
2. What are the benefits and opportunities of such a cooperation?
3. What are the threats, and dangers of such a cooperation?
4. How to reach an agreement over considerably different national regulations?
5. When seeking the answers, the panel will engage into a deep consideration on mutual recognition of safety evaluations.

The discussion will hopefully pave the way and contribute to the upcoming issue of the IAEA TECDOC on “leveraging”, which is being developed by IAEA NHSI WG-3, as well as further cooperation in Phase 2 of the Nuclear Harmonization and Standardization Initiative.

PANEL DISCUSSION

Chairperson

- **Ms. Iga Pocztaek – Tofil** – Director, Policy and International Cooperation Bureau, National Atomic Energy Agency of the Republic of Poland (PAA)

Session Secretary

- **Mr. Mr. Dominik Rauchut** – Chief Specialist, Advanced Nuclear Reactor Assessment Division, National Atomic Energy Agency of the Republic of Poland (PAA)

Speakers

We are pleased to announce that the following institutions have been invited to be represented at the Congress, and we look forward to confirming their participation:

- Canadian Nuclear Safety Commission (CNSC)
- United States Nuclear Regulatory Commission (US NRC)
- State Office for Nuclear Safety (SÚJB), Czech Republic
- Radiation and Nuclear Safety Authority in Finland (STUK)
- International Atomic Energy Agency (IAEA)

The specific individuals representing each institution will be announced as their participation is confirmed.

This session delves into the intricate legal frameworks governing the development and deployment of Small Modular Reactors (SMRs) and Micro Modular Reactors (MMRs) at both the international and European levels. Experts will provide valuable insights and analysis of the current legal landscape, its impact on SMRs and MMRs, and potential future developments.

Key Areas of Focus:

- **International Legal Framework:** Speakers will explore how international frameworks might need to adapt to accommodate the unique characteristics of SMR and MMR projects, addressing issues such as licensing, safety and security standards. This will include an examination of India's approach to liberalizing nuclear power through SMRs.
- **EU Regulatory Framework:** The session will analyze the adequacy of the Euratom Treaty and other relevant EU regulations in light of SMR and MMR development and deployment within the European Union, with a focus on harmonization efforts, potential legal barriers, and the compliance of SMR investments with international investment law principles.
- **National Legal Considerations:** While the session focuses on the broader legal context, it will also acknowledge the crucial role of national legal considerations and their interaction with international and EU law. This includes aspects such as site licensing, environmental impact assessments, public engagement, liability regimes, and security considerations for SMRs. The session will draw upon the Polish experience with its energy transition and the potential role of SMRs.

This session is ideal for:

- **Legal professionals** specializing in nuclear energy law, international law, and project development.
- **Policymakers and regulators** involved in developing and implementing legal frameworks for SMRs and MMRs at various levels of governance.
- **Industry representatives** involved in the design, manufacturing, and deployment of SMRs and MMRs, seeking to navigate the complex legal environment.
- **Investors and financiers** seeking an in-depth overview of the legal landscape for SMR and MMR projects.
- **Academics and researchers** interested in the legal, regulatory, and policy implications of SMR and MMR technologies.

Join Session 13 for a comprehensive and insightful discussion on the international and European legal frameworks for SMRs and MMRs.

PRESENTATIONS / PANEL DISCUSSION

Chairperson

- **Mr. Marc Beyens** – Secretary General, International Nuclear Law Association & Executive Director, Transparency International Belgium

Speakers – presentations

- **Mr. Simon Stuttaford** – Principal, Castletown Law
Mr. Maroof Mittha – Legal Counsel, Castletown Law
Presentation: Poland's Energy Transition and the Potential Role of Advanced Nuclear Technologies: An International Perspective to the Legal and Regulatory Challenges
- **Mr. Przemysław Gorzkowski** – Chief Legal Officer, Attorney-at-Law, Nuclear PL Sp. z o.o.
Presentation: Legal Barriers to the Deployment of ANT Reactors in the European Union. Is the Euratom Treaty sufficient?
- **Mr. Riju Raj Singh Jamwal** – Managing Partner, JRD & Partner – Law Firm, India
Presentation: The Small Modular Reactors: India's Predicament to Liberalise Nuclear Power
- **Ms. Patrycja Wysocka** – Attorney-at-law, Partner, Co-Leader of the Energy & Natural Resources, Kubas, Kos, Gałkowski – Adwokaci Sp. k.
Presentation: Could the Small Modular Reactors can play the key role on the way to decarbonizing the industry sector? Legal challenges.
- **Ms. Dr Chinenye Nriezedi-Anejionu** – Senior Lecturer-in-Law, Nottingham Law School, Nottingham Trent University UK
Presentation: Legal Analysis of the Compliance of SMR Nuclear Energy Technology Investments with the Principles of International Investment Law
- **Ms. Chanel Chauvet-Maldonado** – Nuclear Nonproliferation Regulatory Specialist, Oak Ridge National Laboratory
Presentation: Security of Small Modular Reactors (SMRs): Regulatory Considerations

Following the presentations, a panel discussion will allow for further exploration of the key topics.

15:00-16:10

Session 14: Panel Discussion: Legal Challenges in Implementing Advanced Nuclear Technologies

This session dives deep into the intricate legal landscape surrounding the implementation of advanced nuclear technologies. Featuring a diverse panel of experts, this session offers a comprehensive exploration of the legal hurdles that need to be overcome for successful deployment.

This session is ideal for:

- **Lawyers** specializing in nuclear energy law, environmental law, and project development.
- **Policymakers** shaping national and international legal frameworks for advanced nuclear technologies.
- **Regulators** responsible for ensuring compliance with legal requirements for nuclear projects.
- **Industry professionals** involved in the development and deployment of advanced nuclear technologies.
- **Academics and researchers** focused on the legal aspects of nuclear energy.

Join Session 14 for a stimulating discussion on navigating the legal complexities surrounding the implementation of advanced nuclear technologies. This session provides a valuable platform for legal experts, policymakers, and industry stakeholders to collaborate and explore solutions for advancing this transformative technology.

PANEL DISCUSSION WITH INTRODUCTORY PRESENTATION

Co-Chairs

- **Ms. Beata Sparażyńska** – Counsel, Nuclear Energy Department, Ministry of Climate and Environment of the Republic of Poland
- **Mr. Jarosław Lenarczyk** – Attorney-at-law, Nuclear Energy Department, Ministry of Climate and Environment of the Republic of Poland

Speakers

- **Ms. Kimberly Sexton Nick** – Head, Division of Nuclear Law, Nuclear Energy Agency OECD
Introductory presentation: Environmental Assessments and Public Participation in Licensing Advanced Nuclear Technologies
- **Mr. Rafał Gawin** – President, Energy Regulatory Office (URE), Poland
- **Mr. Zbigniew Stasiak** – Counsel, Clyde Krasnodębski Kulińska i Wspólnicy sp. k.
- **Mr. Anthony Wetherall** – Head, Nuclear and Treaty Law Section, Office of Legal Affairs, International Atomic Energy Agency (IAEA)

16:10-16:30

Coffee break

Session 15: Legal Frameworks for Nuclear Fusion

This session underscores the imperative for innovative legal thinking in regulating emerging technologies. As we delve into international, regional, and national perspectives, we will introduce the commendable work of the International Group of Legal Experts on Fusion Energy (FELEX).

The focus of INLA's Working Group 8 on nuclear fusion is to develop a viable proposal for the international regulation of nuclear fusion, championing a forward-looking, ex ante regulation of fusion technologies.

This session promises to be a thought-provoking exploration of the legal challenges and opportunities presented by these novel technologies. We look forward to your active participation and engagement.

PRESENTATIONS / PANEL DISCUSSION

Chairperson

- **Mr. Karoly Tamas Olajos** – Group Leader – ITER Site & Buildings Legal Affairs, Fusion for Energy
- **Mr. Philipp Sauter** – Research Fellow, Max-Planck-Institute for Comparative Public Law and International Law

Speakers – presentations

- **Mr. Karoly Tamas Olajos** – Group Leader – ITER Site & Buildings Legal Affairs, Fusion for Energy
Presentation: Towards a Global Fusion Ecosystem – A Supply Chain Perspective
- **Mr. Manuel Torres** – Legal Specialist, Fusion for Energy
Presentation: Spain's Fusion Journey: Insights and the Dones Project
- **Ms. Kristin Weiss** – Research Fellow, University of Würzburg
Presentation: Comparing the Regulatory Framework Applicable to Fusion Power Plants Under German and US Law
- **Mr. Philipp Sauter** – Research Fellow, Max-Planck-Institute for Comparative Public Law and International Law
Presentation: European Law and Fusion – Challenges and Opportunities to Harmonize Fusion Regulation in the EU
- **Mr. Wolfram Tonhauser** – Visiting Professor / Chairperson, National University of Singapore / FELEX
Presentation: International Group of Legal Experts on Fusion Energy (FELEX)

Following the presentations, a panel discussion will allow for further exploration of the key topics.

18:00

End of Day Three

19:00

Gala Dinner

- Venue: Crowne Plaza® Warsaw – The HUB
- Located at: Rondo Daszyńskiego 2, 00-843 Warsaw

10:30-12:00

Session 16: Unlocking Potential: Boosting Local Content and Supplier Development in the Nuclear Supply Chain

The global nuclear renaissance presents a unique opportunity to empower local economies and cultivate a robust nuclear supply chain. This session dives deep into strategies for maximizing local content and fostering the development of qualified suppliers within the nuclear industry, while also addressing the legal and regulatory considerations that are crucial for success.

Key Areas of Focus:

- **Balancing Local Content with Global Standards:** Explore strategies for achieving a healthy balance between maximizing local content and upholding the rigorous quality and safety standards of the nuclear industry.
- **Legal and Regulatory Considerations:** Discuss the legal and regulatory implications of local content development in the nuclear sector. This includes topics such as: (1) Procurement regulations and their impact on supplier selection and contracting practices; (2) Technology transfer agreements and intellectual property considerations; (3) Compliance requirements for nuclear safety, quality assurance, and export controls; (4) Developing a legal framework that incentivizes local content development while upholding safety standards.

Who Should Attend:

- **Government policymakers** shaping national nuclear energy strategies and industrial development programs.
- **Legal and regulatory experts** specializing in the nuclear sector.
- **Nuclear industry executives** seeking to optimize supply chains, expand into new markets, and establish strong local partnerships.
- **Financial institutions** considering investments in the nuclear sector and interested in mitigating supply chain risks.
- **Supplier development organizations** and **consultants** providing support to local businesses in the nuclear industry.
- **Academic researchers** exploring the economic and industrial development implications of nuclear energy.

Join Session 16 for a comprehensive discussion on maximizing local content and supplier development – a critical component for a sustainable and secure nuclear future.

PANEL DISCUSSION

Chairperson

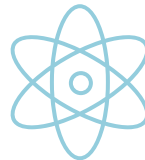
- **Mr. Bogdan Pilch** – Director General, Chamber of Commerce for Energy and Environmental Protection, Poland

Speakers

- **Mr. Andrzej Ziótkowski** (tbc) – President, Office of Technical Inspection (UDT), Poland
- **Mr. Paweł Śliwowski** (tbc) – Deputy Director of the Polish Economic Institute, Acting Director
- **Mr. Cezary Kaźmierczak** (tbc) – President, Union of Entrepreneurs and Employers, Poland
- **Mr. Andrzej Sidło** – Councillor to the Minister, Nuclear Energy Department, Ministry of Climate and Environment of the Republic of Poland

12:00-12:30

Coffee break



Session 17: Ensuring Nuclear Safety: Addressing Quality Assurance & Accreditation Challenges for Suppliers

The paramount concern in the nuclear industry is uncompromising safety. This session delves into the critical role of Quality Assurance (QA) and Accreditation in ensuring the reliability and safety of nuclear components and services supplied by vendors. We will explore the challenges faced by suppliers in meeting these rigorous standards and discuss strategies for overcoming them.

Key Areas of Focus:

- **Challenges for Suppliers:** Explore the specific challenges faced by suppliers, particularly those in emerging nuclear markets, in establishing and maintaining robust QA/Accreditation programs.
- **Solutions and Best Practices:** Identify and discuss effective solutions and best practices for addressing these challenges. The session will explore approaches such as: **collaboration and technology transfer** initiatives to facilitate knowledge sharing and capacity building among suppliers, as well as **harmonization of QA/Accreditation standards** across different countries to streamline compliance processes.
- **The Role of Regulatory Bodies and Industry Associations:** Explore the role of regulatory bodies and industry associations in supporting suppliers by providing guidance, training programs, and fostering an environment of continuous improvement in QA/Accreditation practices.
- **Case Studies and Lessons Learned:** Gain valuable insights from real-world examples of successful QA/Accreditation implementation within the nuclear supply chain. We will discuss the lessons learned and best practices that can be applied by other suppliers.

Who Should Attend:

- **Nuclear industry suppliers of all sizes**, particularly those seeking to navigate the QA/Accreditation landscape and expand their market reach.
- **Quality assurance and quality control professionals** within nuclear supply chain organizations.
- **Law specialists** with expertise in nuclear law and regulations, particularly those related to QA/Accreditation.
- **Regulatory bodies** and **industry association representatives** responsible for developing and enforcing nuclear safety standards.
- **Government policymakers** shaping national policies related to nuclear safety and supplier development.
- **Academic researchers** and **consultants** specializing in nuclear safety and quality assurance practices.

Join Session 17 for a critical discussion on addressing QA/Accreditation challenges in the nuclear supply chain. By working together, we can ensure the highest levels of safety and build a more robust and sustainable nuclear future.

PANEL DISCUSSION

Chairperson

- **Mr. Paweł Smoliński** – Director, Innovation and Development Department, Office of Technical Inspection (UDT), Poland

Speakers

- **Mr. Marcin Dąbrowski** – Director, Nuclear Safety and Security Department, National Atomic Energy Agency of the Republic of Poland (PAA)
- **Mr. Paweł Pytlarczyk** – Director, Nuclear Energy Department, Ministry of Climate and Environment of the Republic of Poland

Stay tuned for further announcements! Additional distinguished speakers will be confirmed soon.

14:00-14:10	Concluding remarks
14:10-15:00	Lunch and end of the Congress
15:00-16:30	INLA General Assembly

*The organizers reserve the right to make changes to the event program.

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