

## SMR & ADVANCED REACTOR 2025

12 - 13 May | Nashville

### Bridge knowledge divides, secure contracts, capture market share

The global market for SMRs is expected to reach \$72.4 billion by 2033, with the recent data center energy crisis driving huge growth potential for SMR players who can provide a scalable, flexible and economical decarbonized solution.

Yet to capture a share of this exponentially growing market and future-proof profits, industry players must overcome F-O-A-K, technological and regulatory hurdles and move projects from planning to execution, via stakeholder visibility and transparency. Only the establishment of stable investments and contracts will enable the market to kickstart deployment and maintain momentum.

**Reuters Events: SMR & Advanced Reactor 2025** is the only senior-level meeting point for the SMR community, where 600+ public and private sector leaders from utilities, financiers, reactor developers, technology providers and regulators unite to create meaningful connections, share trusted insights, and obtain lessons-learned to inform your multi-billion-dollar strategy at pace. Join us to:

- Leverage insights in detailed case studies from first movers to efficiently build, own and operate reactors and overcome supply chain challenges.
- Successfully navigate regulatory challenges and streamlining licensing to boost investor confidence in ROI.
- Accelerate scalable deployment through innovative financing initiatives and cultivate trusting relationships with market entrants and current stakeholders.

The mission is clear, the finish line is close, and your competitors have already made headway. Are you going to be next to bring SMRs from concept to deployment?

### Defining themes for 2025



Resolving FOAK  
Risks



Acquiring Financing &  
Funding



Streamlining Regulation,  
Permitting & Licensing



Navigating Technological  
Hurdles



Securing Supply  
Chain & Workforce

### Agenda at a glance

Day One   12 May	
<b>Keynotes   Strategy</b> <ul style="list-style-type: none"> <li>• <i>Data Centers, Hyperscalers and meeting nuclear power demand</i></li> <li>• <i>Policy and innovation</i></li> </ul>	
<b>Lunch &amp; Workshops</b>	
<b>Yellow Stage   Finance</b> <ul style="list-style-type: none"> <li>• <i>Securing funding</i></li> <li>• <i>Financing structures and bankability</i></li> </ul>	<b>Blue Stage   Technology</b> <ul style="list-style-type: none"> <li>• <i>Reactor standardization and winning designs</i></li> <li>• <i>Site selection and deployment</i></li> </ul>
<b>Receptions &amp; Exec Dinners</b>	
Day Two   13 May	
<b>Keynotes   Regulation</b> <ul style="list-style-type: none"> <li>• <i>Streamlining and modernizing licensing</i></li> </ul>	
<b>Lunch &amp; Workshops</b>	
<b>Yellow Stage   Supply Chain &amp; Energy Security</b> <ul style="list-style-type: none"> <li>• <i>Mitigating and sharing liabilities</i></li> <li>• <i>Business models to hedge risk</i></li> </ul>	<b>Blue Stage   FOAK Risks &amp; Fuel</b> <ul style="list-style-type: none"> <li>• <i>Fuel, enrichment &amp; mineral supply</i></li> <li>• <i>Incentivising supply chain buildout</i></li> </ul>

## Speaker Highlights

Speaker	Job Title	Organisation
Patrick Leonard	Energy Principal	Amazon
Clay Sell	CEO	X-Energy
Betsy Higgins	Executive Vice President & Chief Financial Officer	Oglethorpe Power
Rich Wallen	COO	Oglethorpe Power
Sean Sexstone	Executive Vice President, Advanced Nuclear	GE Vernova Hitachi
Joseph K. Miller	President	BWXT Advanced Technologies
Mike King	Special Assistant for ADVANCE Act	U.S. Nuclear Regulatory Commission
Brian Robinson	CTO	Great British Nuclear
Elaina Ball	Chief Strategy Officer	CPS Energy
Chris Nolan	Vice President of New Nuclear Generation Strategy and Regulatory Engagement	Duke Energy
Jeffrey Lyash	CEO	Tennessee Valley Authority
Scott Hunnewell	VP of New Nuclear Program	Tennessee Valley Authority
Jean-Luc Palayer	CEO	Orano
Amir Vexler	CEO	Centrus
Paul Lorskulsint	Chief Nuclear Officer	Urenco USA
Julie Kozeracki	Director of Strategy	U.S. Department of Energy
Stuart McWhorter	Commissioner of Tennessee Department of Economic and Community Development	State of Tennessee
Corey Hinderstein	VP	Carnegie's Nuclear Policy Program
Kalev Kallemets	CEO	Fermi Energia
James Walker	CEO	NANO Nuclear
Thomas Jam	CEO	Copenhagen Atomics
Glenn Davis	Director	Virginia Department of Energy
Neil Wilmshurst	Chief Nuclear Strategy Officer	EPRI
Matt Kittell	Director	Societe Generale
Richard Voorberg	President of North America	Siemens Energy
Brian Fehrenbach	Interim President	OCNI
Rob Edwards	Managing Director	Hamilton Clark
Vilas Kuchinad	Managing Director & Head of Innovation, Global Sustainable Finance Group	Bank of America

## Setting the SMR & Advanced Reactor Agenda in 2025

*Agenda timings and placements are subject to change.*

### Day One | 12 May

**AM I** Keynotes & Plenary – Blue Stage

Keynotes & Plenary   8:50AM – 1PM		
Session	Format	Time
<b>Welcome to Day One of SMR &amp; Advanced Reactor 2025</b> <ul style="list-style-type: none"> <li>From the Reuters Team, and chair for the day, Noel Phillips, SVP Americas, AVEVA.</li> </ul>	Opening Address	
<b>The Growth of U.S. Advanced Reactors – Wall Street's Success Story</b> <ul style="list-style-type: none"> <li>Exploring the unprecedented investment surge – Delve into Wall Street's growing appetite for advanced nuclear, fuelled by energy security, decarbonization mandates, and Inflation Reduction Act incentives.</li> </ul>	Keynote Presentation	09:00 – 09:20

<ul style="list-style-type: none"> <li>Accelerating market &amp; policy tailwinds – Hear how U.S. policy shifts, global energy demand, and strategic private capital are hastening the commercialization of advanced reactors and SMRs.</li> <li>Overcoming the “Cinderella” moment – Analyse how to break through regulatory, supply chain, and financing hurdles to transform advanced nuclear from an underdog into a dominant energy player.</li> </ul> <p><i>James Walker, CEO, NANO Nuclear</i></p>		
<p><b>Welcome to the Tennessee Valley – Leading America’s Nuclear Future</b></p> <ul style="list-style-type: none"> <li>Learn about the mission of the Tennessee Valley Authority to make life better for the 10 million people of the Tennessee Valley/our seven-state region</li> <li>Hear about TVA’s leadership in advancing SMRs at the Clinch River site and the value of partnerships to accelerate deployment</li> <li>Understand Tennessee’s role in our nation’s nuclear future and what it means to be a nuclear hub</li> </ul> <p><i>Don Moul, CEO, TVA</i></p>	Keynote Presentation	09:20 – 09:40
<p><b>Leading the Charge: Commercializing America’s Next Nuclear Plant</b></p> <ul style="list-style-type: none"> <li>Learn about TerraPower’s first plant in Kemmerer, Wyoming, and the continuing empowerment of the Kemmerer, Wyoming community for decades to come</li> <li>Understand the stakes involved in bringing the first domestic Generation IV reactor design online, and the necessary steps taken to ensure timely start up</li> <li>Stop talking and start building: gain valuable insight into the groundbreaking strategies that enable TerraPower to advance commercialization</li> </ul> <p><i>Jeffrey Miller, VP Business Development, TerraPower</i></p>	Keynote Presentation	09:40 – 10:00
<p><b>Nuclear Power and Big Tech: Meeting the Surging Data Center Demand</b></p> <ul style="list-style-type: none"> <li>Learn how the leading hyper-scalers selected designs to inform your selection strategy to meet power demand projected to grow 160% by 2030.</li> <li>Discover lessons learned from building data centers next to plants – the challenges experienced and how they were overcome – to strategically assess your siting strategy.</li> <li>Gain exclusive insights into the specific economics of producing first-of-a-kind units to accurately forecast ROI for your projects.</li> </ul> <p><i>Speakers: Greg Cullen (Vice President Energy Services &amp; Development, Energy Northwest), Scott Hunnewell (VP New Nuclear Program, Tennessee Valley Authority), Richard Voorberg (CEO, Siemens Energy), Aaron Johnson (Senior Vice President, Nuclear, AECON), Luke Saladyga, Senior Principal Data Center Engineer, Oracle</i></p> <p><i>Moderator: Corey Hinderstein, VP, Carnegie’s Nuclear Policy Program</i></p>	Keynote Panel	10:00 – 10:50
<b>Networking Break I 10:50 – 11:20AM</b>		
<p><b>How Big Ideas and Big Tech are building the future of SMRs</b></p> <ul style="list-style-type: none"> <li>Learn about Amazon’s approach to carbon-free energy and why the company is investing in nuclear.</li> <li>Hear why Amazon invested in X-energy and how the partnership formed.</li> <li>Gain insight into how the two companies will work together to support more than five gigawatts of new nuclear energy projects over the next 15 years.</li> </ul> <p><i>Speakers: Patrick Leonard, Energy Principal, Amazon &amp; Clay Sell, CEO, X-Energy</i>  <i>Moderator: Nidhi Thakar, Senior Vice President, Policy. Clean Energy Buyers Association</i></p>	Presentation	11:20 – 11:50
<p><b>The Three Keys to Enable Nuclear Power to Meet Global Energy Demand - Safety, Affordability and Speed</b></p> <ul style="list-style-type: none"> <li>Already solved: Elegant advanced nuclear designs promise to deliver safer, more efficient, lower waste reactors than before. But the challenge today is greater than the perfect reactor.</li> </ul>		

<ul style="list-style-type: none"> <li>Remaining to solve: The real hurdles now are cost and speed. The developing world will account for most new electricity generation by 2050. They'll choose the cheapest source and won't tolerate long timelines. That's how investors should think about nuclear. It must compete with coal on price, must deploy fast and must massively scale because the world can't wait.</li> <li>Success Factors: Solutions that make nuclear energy cheaper, faster to deploy, scalable like a fleet and easy to replicate across regions will have the greatest global impact.</li> </ul> <p><i>Matt Wilkinson, CEO, Thorcon</i></p>	Case Study Presentation	11:50 – 12:10
<p><b>Minimizing Cost Overrun Risks in SMR &amp; AR Deployment</b></p> <ul style="list-style-type: none"> <li>Identify strategies to mitigate construction risks, control costs, and ensure timely, on-budget project completion for owner operators.</li> <li>Strategize to more accurately estimate schedule and costing scopes despite the absence of preliminary data from a completed SMR project to strengthen investor and lender confidence.</li> <li>Investigate how to spread the risk of cost overrun facilities with stakeholders involved in the design, licensing, and funding of the SMR &amp; AR units.</li> </ul> <p><i>Speakers: Chris Nolan (VP New Nuclear Generation Strategy &amp; Regulatory Engagement, Duke Energy), Kalev Kallemets (CEO, Fermi Energia), Julie Kozeracki (Director of Strategy, U.S. Department of Energy Loans Program Office), Shinpei Hamamoto, CEO, Blossom Energy, Anne-Charlotte Dagorn, VP Business Development North America, Assystem</i></p> <p><i>Moderator: John Goddard, Vice Chair &amp; Senior Partner, LEK Consulting</i></p>	Panel	12:10 – 13:00
<p style="text-align: center;"><b>Lunch   13:00 – 14:30</b> Networking break and interactive workshops</p>		

**Day One | 12 May**  
**PM | YELLOW STAGE**

Yellow Stage – Finance   14:30 – 18:00		
Session	Format	Time
<p><b>Lessons Learned from Vogtle – Case Study</b></p> <ul style="list-style-type: none"> <li>Gain tangible learnings from the Vogtle 3 and 4 projects to ensure your projects are completed on time and within budget.</li> <li>As the first start-to-finish reactor built in the US in 35 years, discover the experience gained in nuclear construction to offset the possibility of project delays.</li> <li>Take key learnings back to the office on training and allocating the workforce into different aspects of Vogtle projects to inform your strategy for SMR projects.</li> </ul> <p><i>Speaker: Betsy Higgins (Executive Vice President &amp; Chief Financial Officer, Oglethorpe Power)</i></p>	Presentation	14:30 – 14:50
<p><b>Palisades SMR Project Development</b></p> <p><i>Speakers: Dr. Richard Springman (President of Global Clean Energy Opportunities, Holtec)</i></p>	Fireside Chat	14:50 – 15:10
<p><b>How do Banks Perceive the Bankability of SMRs?</b></p> <ul style="list-style-type: none"> <li>Learn in advance about next steps: will banks ramp up interest rates up or down given lengthy construction periods and regulatory processes? Identify the partners willing to inject finance to bring your plans from concept to reality.</li> <li>Discover what financing terms will look like, and the extent of financial liabilities banks are willing to accept in order to calculate the economics of your project.</li> <li>Hear leading financial institution's risk tolerance level to lend when reviewing SMRs to gain access to capital and evaluate the timing of launching your project.</li> </ul> <p><i>Speakers: Michael Mudd, Director, Global Sustainable Finance &amp; Infrastructure Group, Bank of America, Ryan Nielson (Director, Investment Banking, Citi), Maheep Madloi (Director, Mizuho Bank), Julie Kozeracki, Director of Strategy, U.S. Department of Energy Loans Program Office</i> <i>Moderator: Rob Edwards (Managing Director, Hamilton Clark)</i></p>	Panel	15:10 – 16:00

Afternoon Coffee and Networking   16:00 – 16:30		
<b>Hackathon - Finance - Addressing Capital Intensity</b> <ul style="list-style-type: none"> <li>Assess financing options and partnership models to deploy the first-of-a-kind unit. How can we secure developmental capital into the sector as the costs before financial close are significant and constraining?</li> </ul> <p><i>Speakers: Larry Stone, Managing Director, FTI Capital Advisors</i></p>	Hackathon	16:30 – 18:00
End of Day   Networking Drinks   18:00 – 19:30		

**Day One | 12 May**  
**PM | BLUE STAGE**

Blue Stage – Technology   2:30PM – 6PM		
Session	Format	Time
<b>Delivering the New Nuclear Future: Collaborative Strategies for SMR Success</b> <ul style="list-style-type: none"> <li>Strategic vision: Gain key insights into Duke Energy's approach to SMR deployment, and what differentiates its path from traditional nuclear development models, with key lessons learned.</li> <li>Collaborative contracting: Delve into the role of Integrated Project Delivery (IPD) and Industrial Integrated Project Delivery (I2PD) to assist in reducing project risk and accelerating timelines.</li> <li>Regulatory &amp; community engagement: Explore how to navigate NRC licensing while aligning stakeholder interests and repurposing existing infrastructure for a just energy transition..</li> </ul> <p><i>Speaker: Chris Nolan, Vice President of New Nuclear Generation Strategy and Regulatory Engagement, Duke Energy</i></p> <p><i>Moderator: Michael Dubreuil, Managing Partner, PTAG Inc</i></p>	Fireside Chat	14:30 – 14:50
<b>Lasers, Wafers, Nuclear, and AI - the Pioneering Journey of LIS Technologies</b> <ul style="list-style-type: none"> <li>Delve into the semiconductor industry: Explore how infrared lasers are used to generate EUV (extreme ultraviolet) to produce advanced semiconductor chips at a commercial level. Over the last 4 years, this has enabled industries including AI and data centres, requiring enormous amounts of energy, sparking renewed interest in SMRs by big tech companies.</li> <li>Enhancing Innovation with LIS Technologies: Explore synergies between the lasers used for EUV, and lasers used for uranium enrichment, and how this can assist in providing an efficient and more cost-effective method for producing the necessary fuel for SMRs.</li> <li>Overcoming Scaling Challenges: Compare 1st, 2nd and 3rd generation enrichment technologies. 3rd gen Laser Enrichment has been around for 50+ years, attempted by 26 countries, but scaling has been a showstopper. Hear how LIS Technologies plans to overcome the scaling barriers and their roadmap to commercial production.</li> </ul> <p><i>Speakers: Christo Liebenberg, CEO, LIS Technologies</i></p>	Presentation	14:50 – 15:10
<b>Accelerating Reactor Design Standardization and Deployment Readiness</b> <ul style="list-style-type: none"> <li>Deliver market standardization to move past incomplete designs and achieve commercial viability and scalability</li> <li>Set a realistic feasibility analysis and deployment schedule to align project timelines with market demands and enhance supply chain confidence, encouraging the supply chain to expand capabilities for further orders.</li> <li>Develop shared risk models to balance risk between utilities and vendors, to support faster deployment and design development.</li> </ul> <p><i>Speakers: Elizabeth Muller (Co-founder CEO, Deep Fission), Serge Gorlin, Head of Membership and Business Development, World Nuclear Association, Christina England, Senior Attorney, Nuclear Health &amp; Safety at U.S. Department of Energy</i></p>		

Moderator: Bill Hulsey, Owner, Founder & Senior Patent Lawyer, Hulsey PC-Patents & Trademarks	Panel	15:10 – 16:00
<b>Afternoon Coffee and Networking   16:00 – 16:30</b>		
<b>Technology - Selecting Winning Designs</b> <ul style="list-style-type: none"> <li>Explore how to support the industry slim down to 4 leading designs. Gain visibility on timelines, hurdles and progress to inform your contractual strategy.</li> </ul> <p>Speaker: Thomas Jam, CEO, Copenhagen Atomics</p>	Hackathon	16:30 – 18:00
<b>End of Day   Networking Drinks   18:00 – 19:30</b>		

## Day Two | 13 May

Agenda timings and placements are subject to change.

### AM I Keynotes

Keynotes   08:50 – 10:50AM		
<b>Networking &amp; Breakfast Workshops - 7:50 – 8:50AM</b>		
Regulation Theme	Format	Time
<b>Welcome from the Reuters Events Team &amp; Chair for Day Two, Brian Fehrenbach, OCNI</b>	Opening Address	08:50 – 09:00
<b>Securing Success: The journey from idea to deployment</b> <ul style="list-style-type: none"> <li>Explore in-depth how an evolutionary SMR design idea was developed and launched into commercial success.</li> <li>Learn why strategic partnerships are essential to building a winning team.</li> <li>Gain insights into how project successes and challenges can be leveraged to expand into global deployment.</li> </ul> <p>Speaker: Sean Sexstone (Executive Vice President, Advanced Nuclear, GE Vernova Hitachi)</p>	Keynote Presentation	09:00 – 09:20
<b>Fueling the Future: Navigating the Uranium Market for SMR Deployment</b> <ul style="list-style-type: none"> <li>Receive an overview of the global uranium market, providing a snapshot of supply, demand and pricing challenges</li> <li>Explore challenges in the nuclear fuel cycle and their implications for the scalability and sustainability of SMRs</li> <li>Discuss how geopolitical factors, regulatory developments, and supply chain resilience are influencing fuel procurement strategies for SMRs and the future of uranium mining and processing</li> </ul> <p>Speaker: Amir Adnani, CEO, Uranium Energy Corporation</p>	Keynote Presentation	09:20 – 09:40
<b>Keynote Address from REV1</b>	Presentation	09:40 – 10:00
<b>Pioneering Progress &amp; Legislation: Streamlining Regulatory Paths for Advanced Reactor Deployment</b> <ul style="list-style-type: none"> <li>Hear how the U.S. Nuclear Regulatory Commission will implement the different provisions within the Advanced Act and Part 53 to have a predictable, regulatory overview and move your pipeline of projects at the right pace.</li> <li>Learn what the Canadian Nuclear Safety Commission are doing to enhance the readiness of their regulations to identify synergies that accelerate construction and operation processes.</li> <li>Assess how to maintain the gold standard of safety and protection on an international scale to unlock international markets.</li> </ul>		

<p><i>Speakers: Mike King (Special Assistant for ADVANCE Act, U.S. NRC), Glenn Davis (Director, Virginia Department of Energy), Anna Bradford (Director, Division of Nuclear Installation Safety, IAEA), Rumina Velshi, Former President and CEO of the Canadian Nuclear Safety Commission</i></p> <p><i>Moderator: Steve Catron, Director, Business Strategies, Certrec</i></p>	Panel	10:00 – 10:50
<b>Networking Break I 10:50 – 11:20AM</b>		
<b>BLUE STAGE – FOAK Risks &amp; Fuel 11:20AM – 12:50PM</b>		
<p><b>Great British Nuclear – A Case Study of Successive Development and Overcoming First of a Kind Risk</b></p> <ul style="list-style-type: none"> <li>Explore the two technologies chosen by Great British Nuclear, their unique development model – never used before in the UK – plus, the potential announcement of an SMR program.</li> <li>Learn about advancing projects successfully with the UK government’s successive development approach and plans for proceeding reactor fleets, with final investment decisions by 2029, and first power by 2035.</li> <li>Review the financial structure involving a Final Investment Decision (FID) on first units, followed by private funding for subsequent units, with GBN taking on initial risks that then lessen with future unit construction.</li> </ul> <p><i>Speaker: Brian Robinson, Chief Technical Officer, Great British Nuclear</i></p> <p><i>Moderator: Tom Greatrex, CEO, NIA</i></p>	Fireside Chat	11:20 – 11:40AM
<p><b>Restoring America’s Ability to Enrich Uranium – LEU and HALEU</b></p> <ul style="list-style-type: none"> <li>Get the latest update on the effort to establish a secure, affordable domestic supply of enriched uranium.</li> <li>Understand what kind public and private investments will be required to fill the HALEU supply gap and meet the need for both LEU and HALEU</li> <li>Focus on the potential synergies between LEU production, HALEU production, and America’s national security requirements.</li> </ul> <p><i>Speaker: Amir Vexler, CEO, Centrus</i></p>	Presentation	11:40 – 12:00PM
<p><b>The Chicken-and-Egg Dilemma: Building SMRs and HALEU Supply Simultaneously</b></p> <ul style="list-style-type: none"> <li>Formulate a strategy to establish a market for enriched fuels that secures 30-year commitments for reactors.</li> <li>Assess how to expand HALEU production capacity and broaden the customer base for reactors fuelled by HALEU, to facilitate extended fuel cycles for SMR designs.</li> <li>Discover how to commercially finance HALEU production capacity to improve reactor performance and reduce refuelling.</li> </ul> <p><i>Speakers: Paul Lorskulsint (Chief Nuclear Officer, Urenco USA), Jean-Luc Palayer (CEO, Orano), Stuart McWhorter (Commissioner of Tennessee Department of Economic and Community Development, State of Tennessee)</i></p> <p><i>Moderator: Marsha McDaniel (Chair of the Idaho Chapter, Global Women in Nuclear)</i></p>	Panel	12:00 – 12:50PM
<b>Lunch   12:50 – 14:00</b>		
<b>BLUE STAGE – PLENARY AFTERNOON SESSIONS</b>		
<p><b>A Rising Tide – The Outlook for SMRs</b></p> <ul style="list-style-type: none"> <li>From licensing to shovel ready – NRC/CNSC and construction progress</li> <li>Accelerating nuclear interest at the state level</li> <li>Impacts of data centers and artificial intelligence on nuclear demand</li> <li>Will the World Bank finally embrace nuclear?</li> </ul> <p><i>Speaker: Jeff Merrifield, Chair, U.S. Nuclear Industry Council</i></p>	Presentation	14:00 – 14:20
<p><b>A Case Study with Caelus</b></p> <p><i>Speaker: from Caelus, to be announced</i></p>	Presentation	14:20 – 14:40
<b>2025 and Beyond: Policy, Governance &amp; Accelerating SMR Commercialization Globally</b>		



<ul style="list-style-type: none"> <li>Evaluate the effectiveness of government policies, initiatives and programs bringing SMRs to market to exchange and implement effective rollout plans for nuclear units.</li> <li>Understand what private and public institutions need to see from the SMR value chain to secure financial and regulatory support.</li> <li>Delve into the new administration's expected impact on new nuclear globally for planning future power generation, and how SMR commercialization can be accelerated alongside this.</li> </ul> <p><i>Speakers: Elaina Ball (Chief Strategy Officer, CPS Energy), Gary Greenblatt (Vice Chairman, Marathon Capital), Rich Wallen. Chief Operating Officer, Oglethorpe Power, Matt Kittel (Director, Societe Generale)</i></p> <p><i>Moderator: John Cornwell (Director of Policy, Good Energy Collective)</i></p>	Panel	14:40 – 15:30
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## Day Two | 13 May

### PM I YELLOW STAGE: Supply Chain & Energy Security

YELLOW STAGE – Supply Chain & Energy Security   11:20AM – 12:50PM		
Sessions	Format	Time
<p><b>Leading the Charge: Canada's Strategic Path to Small Modular Reactors</b></p> <ul style="list-style-type: none"> <li>Highlight Canada's pioneering role in nuclear energy, particularly emphasizing the strategic importance of the First-of-a-Kind (FOAK) SMR project at Darlington, positioning Canada as the first G7 country aiming to bring an SMR online by 2029.</li> <li>Discuss Canada's robust regulatory framework and key industry partnerships that support its leadership in SMR development, ensuring safe, reliable, and scalable energy solutions.</li> <li>Share insights and lessons learned from key events by the SMR Forum, focusing on policy, regulatory frameworks, and international collaboration. Provide examples of successful partnerships and stakeholder engagement, including with Indigenous communities and industry leaders, that are shaping the future of SMR deployment in Canada.</li> </ul> <p><i>Speakers: Erveina Gosalci, Founder of the Canadian Association of Small Modular Reactors (CASMR) and the CEO of the SMR Forum &amp; Rumina Velshi, Former President and CEO, Canadian Nuclear Safety Commission</i></p>	Presentation	11:00 – 11:20
<p><b>Growing the Nuclear Workforce: Understanding What Professionals Seek in a Nuclear Career</b></p> <ul style="list-style-type: none"> <li>With data from NAYGN's 2024 Career Report, explore various perspectives of what it will take for the nuclear workforce to: attract new talent to the industry, engage the existing workforce, and retain existing talent within the industry.</li> <li>Understand the motivators for different demographics such as age, level of education, and level within an organization, can help companies recruit optimal candidates.</li> <li>As an example of some of the trends identified in NAYGN's 2024 Career Report: Students value mission and purpose more than salary as a reason to join the nuclear industry.</li> </ul> <p><i>Speaker: Christine Fletcher, President, NAYGN</i></p>	Presentation	11:20 – 11:40
<p><b>Private-Public Partnerships to Move the Nuclear Industry Forward</b></p> <ul style="list-style-type: none"> <li>Explore strategies for streamlining regulatory and permitting processes at federal and state levels.</li> <li>Dive into the many opportunities for advanced reactor deployment with DoD and other federal and state entities.</li> <li>Gain key insights and examples of real-world successes moving the industry forward including Project Pele and TVA &amp; GE Hitachi at Clinch River – and how to expand that footprint.</li> </ul> <p><i>Speakers:</i></p> <ul style="list-style-type: none"> <li>Joseph K. Miller, President, BWXT Advanced Technologies</li> </ul>	Panel	



<ul style="list-style-type: none"> <li>Justin Martin, Program Manager Energy Portfolio, Defense Innovation Unit, Department of Defence</li> <li>Scott Hunnewell, VP of New Nuclear Program, TVA</li> </ul> <p>Moderator: Jennifer Gordon, Director, Nuclear Energy Policy Initiative, Global Energy Center, Atlantic Council</p>		11:40 – 12:30
<b>Lunch   12:50 – 14:00</b>		

## Day One and Two | Workshops

Participate in meaningful interactive sessions with the most relevant and engaged audience.

Interactive Session	Format	Timings
<b>Tripling Nuclear Power by 2050 &amp; The Impact on the Global Nuclear Fuel Supply Chain</b> <b>Invite-Only workshop.</b> <p>Learn more about the all-hands-on-deck approach needed to meet the 2050 target to triple nuclear power.</p> <ul style="list-style-type: none"> <li>Gain insights into the core challenges facing the front-end fuel supply chain, and the all-hands-on-deck approach needed to meet the 2050 target.</li> <li>Explore ways the US nuclear industry can work together to best respond to ramp up the nuclear fuel supply chain by 5-10X, and your respective role in overcoming this challenge.</li> <li>Explore how utilities, SMR, advanced reactors, and high-tech companies are planning to meet the evolving supply and demand challenges in nuclear fuel over the next 25 years.</li> </ul> <p>Speaker: Viktor Chikan, Co-Chief Technology Officer, LIS Technologies Randy Beatty, Director for Regulatory Officers, LIS Technologies</p>	Workshop	May 12, 1:05pm-2:05pm
<b>Strengthening International Competitiveness</b> <ul style="list-style-type: none"> <li>Explore principles underpinning responsible nuclear deployment and how stakeholders must be involved to systematically address them</li> <li>Assess how new technologies and alternative business models could redistribute responsibilities and risks amid a fluid and highly competitive market for new nuclear energy</li> <li>Chart a path to strengthen industry competitiveness in new market segments by identifying the mid-term actions that nevertheless need near-term work, including legal requirements for international deployments</li> </ul> <p>Speaker: Corey Hinderstein &amp; John Pendleton, Carnegie's Nuclear Policy Program</p>	Workshop	May 12, 4:30-5:30pm
<b>Building a Skilled Workforce for Nuclear Expansion</b> <ul style="list-style-type: none"> <li>Address the current insufficient workforce available to build 10GW of nuclear required annually starting in the 2030s, to meet carbon reduction goals on schedule.</li> <li>Form joint ventures with international players to leverage their reactor construction expertise to execute projects on time to enable quicker energy production and ROI.</li> <li>Attract talent by offering clear career pathways, long-term job security and promoting generational knowledge-sharing to mitigate hesitancy in skill investment in an uncertain market.</li> </ul> <p>Speakers: Michelle Goodson &amp; Julie Ezold, U.S. Women in Nuclear</p>	Workshop	May 13, 07:50-08:50AM
<b>Accelerate deployment of nuclear energy at scale with AI and Virtual Twins</b> <b>Invite-Only workshop.</b> <ul style="list-style-type: none"> <li>Identify Pain Points: Discuss the current challenges faced in nuclear builds that hinder the acceleration of deploying new technologies for AMRs, SMRs, and MMRs. These challenges include collaboration barriers, integration complexity, issues with data availability and quality, lack of support in safety and licensing, project delays, and</li> </ul>	Workshop	

<p>difficulties in managing the operational fleet. Share firsthand experiences and common frustrations with the existing processes.</p> <ul style="list-style-type: none"> <li>• Technological Enablers: Introduction to how virtual twins and AI can transform how the industry collaborates and capitalizes on knowledge and know-how. Explore real-world use cases, particularly those in the nuclear industry or aerospace industry highlighting how virtual validation and AI-driven data analytics are enhancing compliance workflows, including areas such as intellectual property protection and export control.</li> <li>• Vision for the Future: Envision a streamlined project delivery process by 2030, —driven by improved information management, full traceability and advanced technologies enabling AI science-based simulations across every aspect of a project?</li> </ul>		May 13, 12:50 – 1:50PM
<p><b>Pathways to Indigenous Relations</b></p> <ul style="list-style-type: none"> <li>• Discover innovative programs that share knowledge on the necessity of nuclear energy, how it works and waste management solutions to secure the support of indigenous nations.</li> <li>• Understand the constitutionally protected rights indigenous nations hold to shape your site selection strategy.</li> <li>• Find out about best practices on building relationships with indigenous nations to build units beneficial to the local community and SMR stakeholders.</li> </ul> <p><i>Speakers: Mikayla Woodward, First Nations Power Authority</i></p>	Workshop	Day 2, 10:50-11:50AM
<p><b>Following day one of Reuters Events: SMR &amp; Advanced Reactor 2025 and to celebrate our first time in Nashville, join senior leaders for an exclusive offsite drinks party in Nashville.</b></p> <p>New location, new off-site networking party!</p> <p>Join us at the offsite event hosted exclusively for SMR executives after the conference to build genuine personal relationships leading to business partnerships to achieve your long-term goals by continuing the peer-to-peer conversations for an evening of LIVE music in an authentic Nashville location and good vibes with the global new nuclear community in a relaxed offsite setting.</p> <p><b>Pre-registration is required. Please get in touch to find out where to register.</b></p>	Offsite Drinks	Day 1, 18:00 onwards