

SMRs & The Nuclear Supply Chain: Building The Energy Transition

International Conference

14–16 January 2026

World Forum - The Hague, The Netherlands

“Small Reactors, Big Impact”

Conference Overview

This international conference gathers key stakeholders from the nuclear energy sector to explore the role of nuclear power in global energy security and decarbonization. With a strong focus on Small Modular Reactors (SMRs) and the nuclear supply chain, discussions will cover policy, technology, industrial collaboration, and investment opportunities in the Netherlands and beyond.

Target Audience:

- Industry & Supply Chain: Nuclear technology providers, reactor developers, component manufacturers, engineering firms, and energy utilities

- Policy & Regulation: Government agencies, EU institutions, and nuclear regulatory bodies
- Finance & Investment: Banks, institutional investors, and energy investment funds
- Research & Innovation: Universities, think tanks, and research institutions
- End-Users: Industrial energy consumers, grid operators, and hydrogen sector players

Participants will gain networking opportunities with industry leaders, policymakers, and investors, while receiving insights into technological innovations, market trends, and regulatory frameworks.

For more information, contact us via info@sdqpowershift.com

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Nuclear Essentials - A Beginners Guide

PRE-SESSION

Tuesday, 13 January 2026

World Forum - The Hague, The Netherlands

“Small Reactors, Big Impact”

With no previous nuclear knowledge necessary, this **“crash course”** aims to provide the participants with a basic nuclear vocabulary and lays the foundations on which more in-depth knowledge can be built. The course is a condensed version of the NAC Nuclear Primer, a 3–4-day seminar which is being developed with nuclear newcomer countries in mind.

The Nuclear Primer will focus on innovative, new and future technologies and the skill sets required to make this possible, technology assessment, regulatory aspects, international supply chains and financial models.

NAC has a long track record in nuclear education and its academies and seminars are famed for their quality, content and interactive nature. The dialogue between participants and trainers, both during and between the sessions is a great networking opportunity.

Brief programme overview of the contents of Nuclear Essentials: A Beginners Guide

A Brief History

- The birth of nuclear energy, atoms for peace, non-proliferation

Nuclear Reactor Fundamentals

- Basic principles and reactor concepts
- Reactor operation and safety

Nuclear Technology today and in the future

- A review of current and future technologies
- Large NPPs versus SMRs (pros/cons)
- Financing new build projects
- Operational costs

Fuel Supply

- The fuel supply chain (Uranium, Conversion, Enrichment, Fabrication)
- Alternative fuel types

Spent Fuel Management

- Wet and Dry Storage
- Disposal Methods (Reprocessing, Geological repository, Deep Borehole)

DAY 1: Global Perspectives & The Strategic Role of Nuclear

WEDNESDAY, 14 JANUARY 2026

WORLD FORUM - THE HAGUE

Maria van der Hoeven (moderator) <i>Former Dutch Minister and former director IEA</i>		
09:00 – 10:30	Session I: Opening & Keynote Speeches	
09:00 – 9:10	Welcome word	Floriske Deutman - Chairman SEK
09:10 – 9:30	The Role of Nuclear Energy in the European Energy Transition	Wopke Hoekstra (TBC) - EU Commission
09:30 – 09:50	Global Energy Security & The Case for Nuclear	Tim Gould (TBC) - IEA
09:50 – 10:10	Advancements in Nuclear Technology & Next-Generation Reactors	Dr. Stefano Monti - ENS/AIN
10:10 - 10:30	Fuelling the Future: SMRs and the Evolution of the Nuclear Fuel Cycle	Dr. Magnus Mori - Urenco
10:30 – 11:00	Coffee break	
11:00 - 12:00	Session II: Global SMR Market & Policy Development <i>Keynote Presentations</i>	
11:00 – 11:20	North American Leadership in Nuclear Innovation	Jacob DeWitte - Oklo Inc.
11:20 – 11:40	SMR Development in China: Innovation & Scale-up	Prof. Dr. Fu Li - Tsinghua University
11:40 - 12:00	Localisation of SMR Development	Martijn van Gruijthuijsen Vice-governor Noord Brabant Province
12:00 - 13:30	Lunch	
13:30 - 14:45	Session III: The Future of Nuclear in a Net-Zero World	
13:30 - 13:45	The Role of Nuclear in the Energy System	Prof. Dr. David Smeulders - TU Eindhoven
13:45 - 14:00	Building an SMR in Canada	Geoffrey Olynik - OPG
14:00 - 14:15	Spent Fuel, Radioactive Waste management and Decommissioning of SMRs	Dr. Ir. Alik van Heek - Nuclear-21
14:15 - 14:30	How Nuclear Can Drive A Sustainable Maritime Industry	Dr. Ir. Stephanie Heerema - Allseas
14:30 - 14:45	Italian Perspectives on SMR Development	Dr. Vittorio Festa Vice-president of AIRP
14:45 - 15:15	Tea Break	
15:15 - 16:15	Panel Discussion <ul style="list-style-type: none"> Dr. Simon Friederich - University of Groningen Joost Greunsven - TenneT Benjamin Reinke - X-Energy 	Hans Schoenmakers (moderator) Board Member of SEK
16:15 - 16:45	Inspirational speech by Kiki Lauwers (Thorizon)	
16:45 - 17:45	Network reception <i>Informal networking between policymakers, industry and researchers</i>	
18:00 - 20:00	Industry Dinner	

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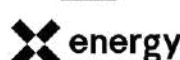
DAY 2: The SMR Revolution & Supply Chain Development

THURSDAY, 15 JANUARY 2026
WORLD FORUM - THE HAGUE

Remco de Boer (moderator) Studio Energie - energy researcher, writer & podcaster		
09:00 – 10:00	Session I: Unlocking the Business Potential of SMRs	
09:00 – 9:20	<i>Bringing SMRs to Market: Challenges and Opportunities</i>	Prof. Suresh K. Aghara University of Massachusetts Lowell
09:20 – 9:50	<i>Deploying the Rolls-Royce SMR in NL – leveraging EU collaboration to deliver standard modular proven technology powerplants to NL and the rest of Europe</i>	Sophie Macfarlane-Smith - Rolls Royce SMR Dirk Rabelink - ULC Energy
10:00 – 10:30	Coffee break	
10:30 - 12:00	Breakout Sessions	
10:30 - 12:00	<i>Financing the Future of SMR's</i>	Christine Kampinga (moderator) Quantum Impact Investing Floris Lypkens - ABN Amro
10:30 - 12:00	<i>Localization Strategies for the SMR Supply Chain</i>	Prof. Suresh K. Aghara (moderator) University of Massachusetts Lowell John Prothero - BAM Infra
10:30 - 12:00	<i>Global SMR Development & Project Updates</i>	Marieke van Gemert - NRG PALLAS Fabio Nouchy - Tractebel
12:00 - 13:00	Lunch	
13:00 - 15:00	Session II: Investment & Industrialization of SMRs	
13:00 - 13:20	<i>The Recent Development on SMRs in the Netherlands</i>	Titus Tielens - Tractebel
13:20 - 13:40	<i>Public-Private Partnerships for New Nuclear Projects</i>	Bram-Paul Jobse - EPZ
13:40 - 14:00	<i>Current Status and Future Needs for Nuclear Fuel Supply</i>	Prof. Uner Colak Istanbul Technical University
14:00 - 14:20	<i>Preparation for SMR deployment</i>	Bert van Renselaar - SWECO
14:20 - 14:40	<i>Industrial Energy Demand & Nuclear's Potential Contribution</i>	Andreas Tirez - Febeliec
14:40 - 15:00	Tea Break	
15:00 - 16:00	Panel Discussion <ul style="list-style-type: none"> Martijn Schut - Director Nuclear Energy Program Min. of Climate Policy & Green Growth Dr. Ir. Anton Philipp Anthofer - Hinneburg (a Bureau Veritas company) Ewoud Verhoef - COVRA Sandro Baldi - Nuward 	
16:00 - 16:30	Special Session TBA	
16:30 - 18:00	Closing Network Reception Together with the members of the Netherlands Nuclear Society (NNS)	

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Action Plan for the Nuclear Supply Chain in the Netherlands

Site Visit Option 1: Fuel Cycle Development URENCO Almelo

09:00 - 09:30	Gathering at the Meeting Point	
09:30 - 12:00	Travel to Urenco Almelo, bus transportation to the Site	
12:00 - 15:00	Tour at Urenco Almelo , Gronau (bus transportation to the site, lunch included)	
15:00 - 17:30	Return to World Forum, bus transportation back to the World Forum	

Site Visit Option 2: Waste Management COVRA Waste management

09:00 - 09:15	Gathering at the Meeting Point	
09:15 - 11:30	Travel to COVRA, bus transportation to the Site	
11:30 - 13:00	Networking Lunch at Landlust Nieuwdorp (Welcome by vice-governor De Bat)	
13:00 - 15:30	Tour at COVRA , Borssele	
15:30 - 18:00	Return to World Forum, bus transportation back to the World Forum	

Site Visit Option 3: Research in Advanced Nuclear Reactors TU Delft Reactor Institute

09:00 - 09:30	Gathering at the Meeting Point	
09:30 - 10:15	Travel to TU Delft Reactor Institute, bus transportation to the Site	
10:15 - 13:15	Tour at TU Delft , Delft	
13:15 - 14:00	Return to World Forum, bus transportation back to the World Forum	

Meeting Point Location: World Forum The Hague, Churchillplein 10, 2517 JW, The Hague

End of Conference



Urenco Almelo



COVRA Waste
Management



TU Delft Reactor
Institute

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