

Time	LTO	New Build	Advanced reactors
NIC2024 programme, 5 June 2024			
8:00-8:45	Registration of participants		
9:00-9:30	Opening of conference by: Joost van den Broek (C&S Director, NRG)		
9:30-12:00	Keynote plenary session moderated by Sannah van Balen (Empowed Atom)		
9:30-10:00	Opportunities, Innovation and Challenges linked to NPP Life Management, Newbuilds and Advanced Reactors, Aline des Cloizeaux (NENP Director, IAEA)		
10:00-10:30	Role of Nuclear energy in the decarbonisation strategy of the EU economy, Abderrahim Al Mazouzi (General Secretariat of SNETP)		
10:30-11:00	Coffee break		
11:00-11:30	New build, LTO and final disposal projects at Okiluoto site – lessons learned from organization and project management , Jaana Isotalo (Senior vice-president, HR&Communication, TVO, Finland)		
11:30-12:00	Global nuclear developments and the impact on the fuel cycle, Ad Louter (CEO, Urenco, Netherlands)		
12:00-13:00	Lunch		
13:00-16:30	Track 1 – LTO, Session 1.1: Regulatory approaches and research	Track 2 – New Build, Session 2.1: Policy and supply chain	Track 3 – Advanced Reactors, Session 3.1: Industry
13:00-13:30	Track opening: NRG activities in ageing management and LTO, Robert Krivanek (NRG, The Netherlands)	Track opening: Accelerating nuclear Newbuild in the Netherlands, Martijn Schut (EZK, Netherlands)	Track opening: NRG activities in support of Advanced Reactor developments, Tjark van Staveren (NRG, The Netherlands)
13:30-14:00	Subsequent Licensing Renewal – US fleet perspectives, regulatory and industry challenges, John Wise (NRC, USA)	The impact of nuclear newbuild on our future electricity system, Tim Gassmann, (TenneT, Netherlands)	Fuel cycle development for Molten Salt Reactors, Isabelle Morlaes (ORANO, France)

14:00-14:30	Czech regulator perspective on LTO, Hana Dlouha (SUJB, Czech Rep.)	Preparation of licensing process for large NPPs and SMRs, Marco Brugmans (ANVS, Netherlands)	Development of the Thorizon MSR One reactor, Kiki Lauwers (THorizon, NL)
14:30-15:00	Coffee break		
15:00-15:30	French regulatory approach and expectations for LTO, Rachel Vaucher (ASN, France)	IAEA Views on Supply Chain Development, Pekka Pyy (IAEA)	Hermes Reactor Design Overview, Micah Hackett (KAIIROS Power, U.S.)
15:30-16:00	EPRI Research on LTO to Support Climate Change Goals and Energy Security Needs, Garry Young (EPRI, USA)	Innovations in AP300 SMR design and deployment, Chris Goossen (Westinghouse, USA)	Designing for advanced reactors, Jean-Mary Hamy (Framatome, France)
16:00-16:30	Panel session moderated by Robert Krivanek (NRG, The Netherlands)	Energize Europe, EDF portfolio on solutions. Olivier Godon (Nuward, France)	Striving to streamline SMR deployment, Eleonora Lambridis (Tractebel, Belgium)
16:30-17:00		Panel session: How to accelerate from First of a Kind to Nth of a Kind? moderated by Joost van den Broek (NRG, The Netherlands)	Panel session moderated by Tjark van Staveren (NRG, The Netherlands)
17:00-17:15	Break		
17:15-17:30	Wrap up day 1 moderated by Sannah van Balen (Empowered Atom)		
17:30-18:00	Keynote nuclear developments in the Netherlands, Silvio Erkens (Member of Dutch Parliament (VVD), The Netherlands)		
18:00-21:00	Networking dinner		

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9:00-13:30	Track 1 – LTO, Session 1.2: Industry challenges	Track 2 – New Build, Session 2.2: Deployment and business models	Track 3 – Advanced Reactors, Session 3.2: Institutes and regulators
09:00-09:10	Opening day 2	Opening day 2	Opening day 2
9:10-9:40	Koeberg NPP path to demonstrate safe LTO – synergies of SALTO and PSR activities, Bravance Mashele (Koeberg NPP, South Africa)	Experience and lessons learned for NPPs, Jan van der Marel (NRG PALLAS, Netherlands)	IAEA activities in support of advanced reactor developments, Aline des Cloizeaux (IAEA)
9:40-10:10	Preparation of LTO of Atucha 1 NPP, Marcelo Liendo (Atucha NPP, Argentina)	Deploying Rolls-Royce SMR in the Netherlands, Dirk Rabelink (ULC, Netherlands)	OECD/NEA and GIF activities to support the transition of Advanced Reactor Technologies from R&D to demonstration and deployment, Brent Wilhelm (OECD/NEA, France)
10:10-10:40	Subsequent Licensing Renewal—Paks NPP, Pal Weisz (Paks NPP, Hungary)	How to finance Newbuild projects? Mark Muldowney (BNP Paribas, UK)	Regulatory framework in the Netherlands for licensing of advanced reactors, Joran de Jong (ANVS, Netherlands)
10:40-11:10	Coffee break		
11:10-11:40	Digital Twins for Improving Accuracy of Thermal Fatigue and EQ TLAs, Miguel Calatayud (Cofrentes NPP, Spain)	Innovative reactor design Rafael Ledesma (GE Hitachi, USA)	The SMR-LFR program, an enabler for innovation in nuclear, Pascal de Langhe (SCK CEN, Belgium)

	and David Galbally (Innometrics S.L., Spain)		
11:40-12:10	From LTO-project to AM in the long term, Joakim Thulin and Mr. M.Hagglund (Forsmark NPP, Sweden)	Energy-as-a-service, Michael Crabb (Last Energy, USA)	EDF Energy perspective on development of advanced reactors in the UK, Jim Reed (EDF Energy, UK)
12:10-12:40	Ageing management from commissioning to subsequent LTO periods, Kari Makela (OSS, IAEA)	New SMR Design, innovative-SMR (i-SMR) Jinsoo Choi (KHNP, South Korea)	Progress in Developing Nuclear Graphite Grades for HTR and MSR application, Houzheng Wu (SINOSTEEL, China)
12:40-13:40	Lunch		
13:40-14:10	LTOP - Loviisa NPP LTO programme, Atte Moilanen (Loviisa NPP, Finland)	Pioneering in an SMR Newbuild program, Kalev Kallemeets (Fermi, Estonia)	Assessment of economical and societal impact of the development of molten salt reactors, Anna Menenti (Technopolis, the Netherlands)
14:10-14:40	Panel session moderated by Robert Krivanek (NRG, The Netherlands)	The impact of a New Build Program on Waste Management and Disposal, Marieke van Gemert (NRG PALLAS, Netherlands)	Panel session moderated by Tjark van Staveren (NRG, The Netherlands)
14:40-15:10		Panel session moderated by Marieke van Gemert (NRG, The Netherlands)	
15:10-15:40	Coffee break		
15:40-17:20	Plenary sessions moderated by Sannah van Balen (Empowered Atom)		

15:40-15:50	Wrap up day 2 moderated by Sannah van Balen
15:50-16:20	Keynote beyond nuclear, William D. Magwood (Director general, OECD/NEA)
16:20-16:50	Keynote on the nuclear future in the Netherlands, Bram-Paul Jobse (CFO, EPZ, The Netherlands)
16:50-17:20	Plenary panel session moderated by Sannah van Balen (Empowered Atom)
17:20-17:30	Closing remarks by: NRG PALLAS and IAEA