

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: Bertholt Leeftink (CEO, NRG); Joost van den Broek (C&S Director, NRG)		
9:30-12:00	Keynote plenary session moderated by Sannah van Balen (Empowered 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: Optimization of licensing process for large NPPs and SMRs, Marco Brugmans (ANVS, 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	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)

	and industry challenges, John Wise (NRC, USA)		
14:00-14:30	Czech regulator perspective on LTO, Hana Dlouha (SUJB, Czech Rep.)	IAEA Views on Supply Chain Development, Pekka Pyy (IAEA)	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)	Accelerating nuclear Newbuild in the Netherlands, Martijn Schut (EZK, Netherlands)	Hermes Reactor Design Overview, Micah Hackett (KAIRIS 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	Ageing management from commissioning to subsequent LTO periods, Kari Makela (OSS, IAEA)	European supply chain strategy (EPR/Nuward), Olivier Godon (Nuward, France)	Striving to streamline SMR deployment, Eleonora Lambridis (Tractebel, Belgium)
16:30-17:00	Panel session moderated by Robert Krivanek (NRG, The Netherlands)	Innovative reactor designs and delivery models, (KHNP, South Korea)	EDF Energy perspective on development of advanced reactors in the UK, Jim Reed (EDF Energy, UK)
17:00-17:30		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)
17:30-20:30	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	Swiss NPP LTO perspectives – current status and future plans, Wolfgang Denk (Swissnuclear, Switzerland)	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	Koeberg NPP path to demonstrate safe LTO – synergies of SALTO and PSR activities, Bravance Mashele (Koeberg NPP, South Africa)	Commercial deployment of SMRs in the Netherlands, Bas Suijs, Dirk Rabelink (ULC, Netherlands)	OECD/NEA and GIF activities to support the transition of Advanced Reactor Technologies from R&D to demonstration and deployment, Gina Abdelsalam (OECD/NEA, France)
10:10-10:40	Preparation of LTO of Atucha 1 NPP, Marcelo Liendo (Atucha NPP, Argentina)	How to finance Newbuild projects? Mark Muldowney (BNP Paribas, UK)	Advanced technology applications for advanced reactors, Raj Iyengar (NRC, USA)
10:40-11:10	Coffee break		
11:10-11:40	Subsequent Licensing Renewal—Paks NPP, Pal Weisz (Paks NPP, Hungary)	The impact of waste management and disposal on Newbuild programs, Marieke van Gemert (NRG PALLAS, Netherlands)	Progress in Developing Nuclear Graphite Grades for HTR and MSR application, Houzheng Wu (SINOSTEEL, China)
11:40-12:10	Digital Twins for Improving Accuracy of Thermal Fatigue and EQ TLAAs, Miguel Calatayud	Energy-as-a-service, Michael Crabb (Last Energy, USA)	IMSR R&D and supply chain development, William Smith

	(Cofrentes NPP, Spain) and David Galbally (Innometrics S.L., Spain)		(Terrestrial Energy, Canada)
12:10-13:10	Lunch		
13:10-13:40	From LTO-project to AM in the long term, Joakim Thulin and Mr. M.Hagglund (Forsmark NPP, Sweden)	Pioneering in an SMR Newbuild program, Kalev Kallemets (Fermi, Estonia)	Assessment of economical and societal impact of the development of molten salt reactors, Anna Menenti (Technopolis, the Netherlands)
13:40-14:10	LTOP - Loviisa NPP LTO programme, Atte Moilanen (Loviisa NPP, Finland)	Experience and lessons learned of Hinkley point C (EDF, United Kingdom)	Panel session moderated by Tjark van Staveren (NRG, The Netherlands)
14:10-14:40	Panel session moderated by Robert Krivanek (NRG, The Netherlands)	Panel session moderated by Marieke van Gemert (NRG, The Netherlands)	
14:40-15:10	Coffee break		
15:10-17:30	Plenary sessions moderated by Sannah van Balen (Empowered Atom)		
15:10-15:50	Plenary panel session moderated by Sannah van Balen (Empowered Atom)		
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 (Director, EPZ, The Netherlands)		
16:50-17:20	Keynote nuclear developments in the Netherlands, Silvio Erkens (Member of Dutch Parliament (VVD), The Netherlands)		
17:20-17:30	Closing remarks by: NRG PALLAS and IAEA		