

SNETP Forum 2024

DRAFT PROGRAMME (*version: 15th April 2024*)

Day 1 - 17th April – SNETP Forum

09.00	SNETP GENERAL ASSEMBLY MEETING - SAN FRANCESCO (restricted to SNETP members)
12.00	LUNCH (restricted to SNETP GENERAL ASSEMBLY members)
13.30	Welcome and Opening of the SNETP FORUM 2024 : B.Salha (President of SNETP), S. Monti (President of the Italian Nuclear Association)
14.00	Italian Nuclear Landscape - AUDITORIUM Moderators: B.Salha, S. Monti <ul style="list-style-type: none"> - Minister Pichetto-Fratin, MASE secretariat - Mr Gilberto Dialuce, President ENEA, - Ms Daniela Gentile, CEO Ansaldo Nucleare, - Prof. Franco Cotana, CEO of RSE spa, - Mr Nicola Monti, CEO Edison, - Prof. Marco Ricotti, President at Polimi/Cirten,
15.30	Coffee break
16.00	Technical parallels sessions: <ul style="list-style-type: none"> • Business strategies for SMRs: coordinated approach to accelerate the deployment of SMRs - Increasing the bankability of Small Modular Reactors - AUDITORIUM <i>moderators: J. Sobolewski (NCBJ)</i> <ul style="list-style-type: none"> ○ Jan Prasil, Ministry of Industry and Trade of the Czech Republic, Experience of the Czech SMR Roadmap implementation ○ Fabrice Legendre, CEA, France, Overview of France 2030 ○ Guerric de Crombrughe, Nuketech ○ Sandro Baldi, EDF, Unlocking the potentials of the European SMR market • New NPPs (Lesson learned and how to improve) – SAN FRANCESCO - moderators: S. Szabolcs (BZ), P. Kinnunen (VTT), P. Kral (UJV) <ul style="list-style-type: none"> ○ Andrei Goicea, NuclearEurope, Overview of nuclear new build with 2050 perspective ○ Attila Hügyecz, Paks II, Current status of the Paks II project. ○ Pavel Kral, UJV, Building expertise for safety assessment of new build of PWR design in the Czech Republic. Comparison of VVER and PWR safety characteristics. ○ Merja Airola, VTT, Public acceptance of nuclear ○ Anne Kontula, TVO, Experiences in OL3 ○ Marisa van der Walt, NRG PALLAS, Experiences from licensing and construction in progress for the PALLAS reactor in the Netherlands. • Supply Chain (cross EU fertilization) – SAN BERNARDINO DA SIENA - moderators: B.Pothen (Framatome), C.Schneidesch (Tractebel) , M. Frignani (Ansaldo) <ul style="list-style-type: none"> ○ Aline Des Cloizeaux, AIEA - commercial grade dedication & harmonization

	<ul style="list-style-type: none"> ○ Aarnio-Wihuri Leena, Fortum, Finland - SMR pre-partnership WS4 (Supply Chain) ○ Mohamed Zouari, Framatome, France - state of the French supply chain to support New Builds ○ Michele Frignani, Ansaldo Nucleare, Italy - Italian supply chain capabilities and capacity ○ Charles Carpenter, NAMRC, UK – supporting the UK Nuclear supply chain ○ Massimiliano Tacconelli, Walter Tosto, Italy - Enhancing Nuclear Manufacturing through Technological Innovation ○ Teemu Kelavirta, Fortum, Finland – KELPO: Use of serially produced commercial grade equipment
18.00	End of the day

Day 2 - 18th April – SNETP Forum

9.00	<p>Boosting Nuclear Innovation and Development</p> <p>Moderators: M. Schyns, R. Adinolfi</p> <ul style="list-style-type: none"> - Rosalinde Van Der Vlies, DG RTD - Willem Janssens, DG JRC - Gianfranco Brunetti, DG ENER, - Aline des Cloizeaux, IAEA, - Neil M. Wilmshurst, Director EPRI - Alessandro Dodaro, Director at ENEA - Michel Barthelemy (OECD/NEA)
10.30	Coffee break
11.00	<p>Technical parallels sessions:</p> <ul style="list-style-type: none"> • Digitalisation (including Cybersecurity) – SAN BERNARDINO DA SIENA - <i>moderators: S. Gupta (Becker Technologies), E. Guillaut (ORANO)</i> <ul style="list-style-type: none"> ○ Hervé Bury, Framatome, The cybersecurity journey of critical nuclear assets ○ Szavai Szabolcs, BZ, Application of AI and machine learning for evaluation of X-Ray inspection of welds ○ Niklas Hurmerinta, Fortum, Application of Large Language Models in the Nuclear Field ○ Sofiane Benhamadouche, EDF, Challenges and added value of High Performance Computing ○ Jean-Reynald Macé, ORANO, Factory of Tomorrow ○ Cristina Corrales, EPRI, Digital innovation study proposal overview and intent and current research on digital innovations • Market demand for non-electric energy products, - AUDITORIUM - <i>moderators: M. Fütterer (JRC), D. Hittner, J. Sobolewski (NCBJ)</i> <ul style="list-style-type: none"> ○ Grzegorz Józwiak, Process Heat (steam and other forms) ○ Mariusz Ilnicki, Synthos Green Energy, Hydrogen and hydrogen derivatives for the chemical industry, ammonia and synfuel, ○ Juhani Hyvärinen, LUT, District heating and cooling, and other applications, ○ Maria Teresa Dominguez, EAG, Seawater desalination, • LTO (innovative approaches) – SAN FRANCESCO - <i>moderators: C. Varé (EDF), R. Krivanek (NRG)</i>, <ul style="list-style-type: none"> ○ Robert Krivanek (Manager for Ageing Management and LTO Projects), NRG, – OECD/NEA project ‘LTO Beyond 60 Years’

	<ul style="list-style-type: none"> ○ Michael Guillodo (LTO Project manager), Framatome- “R&D challenges for LTO beyond 60 years” ○ Marc Scibetta (Deputy Institute Director Nuclear Energy and Technology (NET)) SCK-CEN, “RPV ageing and embrittlement in an LTO perspective – Enhanced Surveillance strategy” ○ Christophe Varé (LTO Program Manager), EDF R&D – “Beyond 60 years, EDF R&D stakes” ○ Emma Wong, OECD/NEA/EPRI, “Overview from NEA/EPRI workshop on the holistic and risk informed approaches to LTO” ○ Maksym Zarazovskii (Chief Engineer), IPP-Centre (Ukraine) – "Open Issues in Justification of WWER-1000 Long-Term Operation"
13.00	LUNCH
14.00	<p>How can nuclear contribute to achieve decarbonization in an efficient way?</p> <p>Moderators: John Stairmand (Jacobs), Marco Ricotti (CIRTEN)</p> <ul style="list-style-type: none"> - Sandro Baldi, EDF - Lorenzo Mottura, Director EDISON, - Francesca Ferrazza, Head of ENI, - Waclaw Gudowski, Orlen Synthos Green Energy (OSGE) - Anders Wik, Vattenfall - Luciano Cinotti, CSO, Newcleo
15.30	Coffee break
16.00	<p>Technical parallels sessions:</p> <ul style="list-style-type: none"> ● Business strategies for SMRs: coordinated approach to accelerate the deployment of SMRs – The SMR industrial alliance - - AUDITORIUM - <i>moderator: S. Sarrade (CEA)</i> <ul style="list-style-type: none"> ○ A. Al Mazouzi, the SMR Industrial Alliance ○ K. Lauwers and J.L. Alexandre, Joint presentation Thorizon and Naarea ○ R. Adinolfi, The SMR Business Model, what is it going to change in the industry ○ N. Sobacki, EU project EASI-SMR: Ensuring Assessment of Safety Innovation for SMR ● Nuclear solutions to non-electric energy demand, SAN BERNARDINO DA SIENA - moderators: M. Fütterer (JRC), D. Hittner, J. Sobolewski (NCBJ) <ul style="list-style-type: none"> ○ Steve Chengelis, EPRI, Status of development in the US including fuel availability ○ Mariusz Dąbrowski, NCBJ, HTGR Pola and industrial projects in Poland, ○ Paul Nevitt, NNL, UK perspectives, ○ Michel Pasquet, Canet Serin, Euratom projects on nuclear cogeneration and H2 production, ● Decommissioning and Dismantling (including waste management) moderators, – SAN FRANCESCO - N. Cherubini (ENEA), E. Holt (VTT), A. Banford (NNL) <ul style="list-style-type: none"> ○ LANDSCAPE INTRODUCTION (Chairperson Anthony Banford and Euratom perspectives from Seif Ben Hadj Hassine) ○ DECOMMISSIONING & BACK END <ul style="list-style-type: none"> ▪ Garigliano NPP: Dismantling of Reactor Vessel Internals & Management of ILW and LLW – SOGIN (Italy, Francesco Pisciotta & Francesca Onofrio) ▪ Innovation Opportunities at the Intersection of AI, Data, and Robotics Technologies in the Nuclear Back-End. – IFE (Norway, Istvan Szoke) ○ WASTE HANDLING

	<ul style="list-style-type: none"> ▪ Radium-226 – from medical miracle to annoying legacy waste to life-saving raw material – SCK CEN (Belgium, Deputy Director General, SCK CEN Christophe Bruggeman) ▪ Best practices from 30 years in the clearance and recycling of contaminated metals - Cyclife (France, Nathalène Christ) ▪ Management of radioactive waste resulting from non-nuclear energy related applications– ENEA (Italy – Alessandro Dodaro, Director of ENEA Nuclear Department) <p>○ DISCUSSION/Q&A Panel (C. Bruggeman (SCK-CEN), A. Banford (NNL))</p>
	End of the day

Gala Diner – 19h30

Palazzo Rospigliosi, Via Ventiquattro Maggio, 43.

SNETP Innovation Award and I4N Italy competition



Day 3 - 19th April – SNETP Forum

9.00	<p>Fuel Cycle - AUDITORIUM</p> <p>Moderators: Marjorie Bertolus (chair NUGENIA TA7)+ Marco Cherubini (NINE)</p> <ul style="list-style-type: none"> - Paul Nevitt, VP Science & Technology, NNL (UK) - Alain Frichet, VP of Fuel Products and Technologies, Framatome - Philippe Valbuena, Strategic Marketing Manager, Orano - Jean-Michel Marin, Fuel Cycle Technical Director, Newcleo
10.00	<p>SNETP Stakeholders - AUDITORIUM</p> <p>Moderators: Ch. Schneidesch (Tractebel – ENGIE) and R.Garbil (EC – DG RTD)</p> <ul style="list-style-type: none"> - Yves Desbazeille, nucleareurope - Valérie Faudon, President SFEN - Jamila Mansouri, European Space Agency (ESA), head of propulsion and aerothermodynamic section - Amparo Soler, WiN Global, President of WiN Spain - Jadwiga Najder, ENS, Engaging and waking passion in nuclear professionals for progress of nuclear sector
11.00	Coffee break
11.30	<p>Wrap up of the Parallels sessions (10min each) - AUDITORIUM</p> <p>Moderator: A. Al Mazouzi</p>
13.00	End of the SNETP Forum 2024

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