

DAY 1 5 FEB 2019

9.00 – 10.30 REGISTRATION, EXPO OPEN

10.30 Opening
Riku Huttunen, Director General, Department of Energy, Ministry of Economic Affairs and Employment

10.50 – 12.10 THE NEW ERA OF NUCLEAR ENERGY – Hosted by FinNuclear, Moderator Erika Holt

SESSION 1

10.50 The role of nuclear energy in the low carbon future
Massimo Garribba, Directorate-General for ENERGY, Nuclear Energy, Safety & ITER, European Commission

11.10 Decarbonisation of electricity and the need for innovation
William Magwood, Director-General, OECD Nuclear Energy Agency

11.30 Nuclear performing to meet growing clean energy demand
Kirill Komarov, Chair of the Board, World Nuclear Association

11.50 Finnish climate friendly electricity production - case Olkiluoto
Marjo Mustonen, Director, Teollisuuden Voima Oy

12.10 – 13.30 LUNCH

13.30 – 15.10 NUCLEAR SAFETY AND REGULATOR'S ROLE – Hosted by STUK International, Moderator Erika Holt

SESSION 2

13.30 STUK international, co-operating with STUK
Pekka Ottavainen, CEO, STUK International

13.40 IAEA activities related to supply chain and member states expanding nuclear production
Pekka Pyy, Division of Nuclear Power, Department of Nuclear Energy, International Atomic Energy Agency (IAEA)

14.00 Nuclear materials safeguards for new facilities- included in planning and design
Elina Martikka, International Cooperation Manager - Nuclear Waste Regulation and Safeguards, Radiation and Nuclear Safety Authority Finland (STUK)

14.15 What is needed for success in nuclear waste disposal regulation
Jussi Heinonen, Director - Nuclear Waste and Material Regulation, Radiation and Nuclear Safety Authority Finland (STUK)

14.30 European research to support safe operation of NPPs
Oliver Martin, Joint Research Center, European Commission

14.50 Regulators' collaboration in Europe
Petteri Tiippana, Director General, Radiation and Nuclear Safety Authority Finland (STUK), ENSREG

15.10 – 15.40 BREAK

15.40 – 17.20 INNOVATIONS IN NUCLEAR TECHNOLOGY – Hosted by VTT Technical Research Centre of Finland, Moderator E. Holt

SESSION 3

15.40 Decarbonizing district heating by small nuclear reactors

16.00 Small Modular Reactors in the energy system and industrial applications
Ville Tulkki, Senior Scientist, VTT Technical Research Centre of Finland

16.20 Jules Horowitz Reactor - a research reactor working as an international User-Facility for the future of nuclear energy
Pierre-Yves Cordier, Nuclear Energy Counsellor, Embassy of France in England
Gilles Bignan, Interface Manager, CEA

16.40 Digitalization in safety critical industries
Heikki Ailisto, Research Professor, VTT Technical Research Centre of Finland

17.00 #Digitalization in Nuclear - Visions, Demos & Pitches
Fortum & VTT

17.30 – 20.00 NETWORKING RECEPTION

Guest speaker: **Kirsty Gogan**, Global Director, Energy for Humanity

1-TO-1 BUSINESS MEETINGS

Day 1: 9.00 – 10.20
12.20 – 17.40

Day 2: 9.00 – 16.00



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DAY 2 6 FEB 2019

8.30 – 9.00 REGISTRATION

9.00 – 10.40 NUCLEAR NEW BUILD – Hosted by Fennovoima, Moderator Janne Liuko

SESSION 4

9.00 Nuclear industry - in the overall European context
Yves Desbazeille, Director General, Foratom

9.20 From greenfield to production
Toni Hemminki, CEO, Fennovoima Oy

9.40 Global cooperation for the successful development of the nuclear industry
Andrey Rozhdestvin, CEO, ROSATOM Western Europe

10.00 Involvement of National Industries and Supply Chain Development in a New NPP Project - case Hinkley Point
Xavier Owen, International Supply Chain Lead, EDF Energy

10.20 Developing a new operator organization, case Barakah, UAE
Kjell Ringdahl, Director Nuclear Licensing, ENEC

10.40 – 11.10 BREAK

11.10 – 12.50 LIFETIME OF EXISTING REACTORS – Hosted by TVO, Moderator Juhani Hyvärinen

SESSION 5

11.10 OL3 EPR, at least 60 years operating lifetime ahead
Hannu Reinvald, Deputy Director of the OL3, TVO

11.25 Technical, commercial and competence aspects of life-time extension
Aziz Dag, Vice President and Managing Director, Northern Europe, Westinghouse Electric Company

11.45 Monitoring and managing plant life time - case Loviisa
Marko Leino, Manager of Plant Lifetime Management, Fortum

12.00 Panel discussion – Chair: **Juhani Hyvärinen**, Professor, Lappeenranta University of Technology
Jarmo Tanhua, CEO, Teollisuuden Voima Oy
Kim Wallin, Professor, VTT Technical Research Centre of Finland
Bernard Fontana, CEO, Framatome
Liisa Heikinheimo, Deputy DG, Department of Energy, Ministry of Economic Affairs and Employment

12.50 – 14.00 LUNCH

14.00 – 15.40 RECIPES FOR EFFICIENT WASTE MANAGEMENT AND DECOMMISSIONING – Hosted by Fortum, Moderator A. Jaarinen

SESSION 6

14.00 European decommissioning market overview
Michael Kruse, Head Energy & Utilities Central Europe, Arthur D. Little

14.15 Way forward for decommissioning in Sweden
Andreas Roos, Decommissioning Manager, OKG AB

14.30 Waste management - Importance of volume reduction and recycling
Bertrand Martelet, Senior Vice President International Development and Services, Decommissioning and Waste Management Division, EDF Group

14.45 Posiva's journey: From approval to construction of the first Deep Geological Repository for spent nuclear fuel in the world
Mika Pohjonen, Managing Director, Posiva Solutions Oy

15.00 Panel discussion – Chair: **Anni Jaarinen**, Head of Decommissioning and Waste, Nuclear Services, Fortum
Session presenters

15.40 Closing words of NNF
Liisa Heikinheimo, Deputy DG, Department of Energy, Ministry of Economic Affairs and Employment

16.00 NETWORKING AREA AND EXPO CLOSES

DAY 3 7 FEB 2019

OPTIONAL VISITS TO (for those registered in advance):

- Hanhikivi-1** construction site /
- Olkiluoto-3 & ONKALO®** research gallery