

## **KYT SEMINAR: Near Surface Repositories in Finland**

### **Programme:**

**09:30-10:00** Coffee and registration

### **Morning session: Near Surface Repositories, Current Status in Finland and Lessons Learned from International Case Studies**

- 10:00-10:10** Introduction and welcoming words. Erika Holt, VTT Technical Research Centre of Finland.
- 10:10-10:30** STUK's Perspective on Near Surface Repositories in Finland. Arto Isolankila. Finnish Radiation and Nuclear Safety Authority, STUK.
- 10:30-10:50** Operator's Perspective on Near Surface Repositories in Finland. Jere Tammela, Teollisuuden Voima Oy, TVO.
- 10:50-11:30** Key-note lecture: UK Lessons Learned in Managing LLW Repositories. David Rossiter & Sam Usher, AECOM, UK.
- 11:30-11:50** Ringhals Near Surface Repository: History and Present Situation. Dan Aronsson, Vattenfall, Sweden.
- 11:50-12:10** Safety Review of a French Surface Disposal. Camille Espivent, IRSN, Institut de Radioprotection et de Sûreté Nucléaire, France.

**12:10-12:20** Discussion

**12:20-13:20** Lunch break

### **Afternoon session 1: Disposal of NORM waste**

- 13:20-13:40** Mining and Exploration Related NORM in Finland. Heini Reijonen, Geological Survey of Finland.
- 13:40-13:50** NORM Waste in Sweden, Current Status. Pernilla Sopher, Swedish Radiation Safety Authority, SSM. Presentation via video.
- 13:50-14:00** Discussion on Disposal of NORM Waste in Finland.

### **Afternoon session 2: Monitoring, Waste Treatment, Preliminary Design Basis and Safety Case**

- 14:00-14:20** Monitoring of a Near Surface Repository. Arto Laikari, VTT.
- 14:20-14:40** Benefits and challenges related to thermal processing of very low level (VLLW) waste. Matti Nieminen, VTT.
- 14:40-15:00** Coffee
- 15:00-15:20** Preliminary Design Basis for a Near Surface Repository in Finland. Paula Keto, VTT.
- 15:20-15:40** Safety Case for a Near Surface Repository. Heidar Gharbieh, VTT.
- 15:40-16:00** Summary and discussions