Panel Session 97: Progress on Deep Repository Programs Around the World

# Repository program in Finland

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#### **Posiva Oy**

- Established in 1995
- Owned by the Teolisuuden voima Oyj (TVO) and Fortum (60%/40%)
- Turnover 63 M€ (2015)

#### **Mission**

Safe and cost efficient final disposal of owners' spent fuel

#### <u>Vision</u>

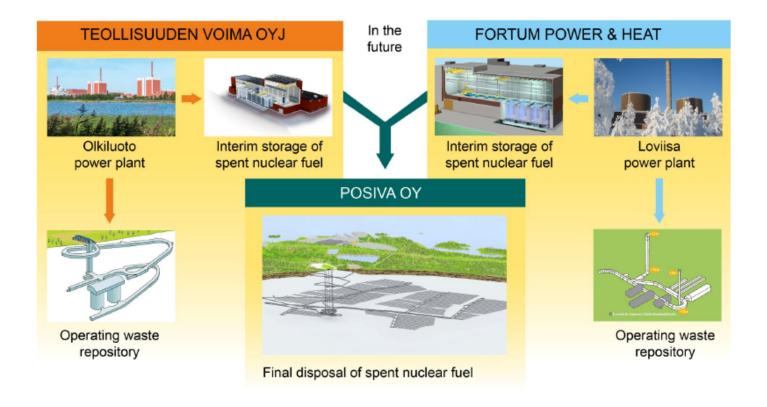
Finalize the engineering phase and start the final disposal in 2024

Client's safe final disposal solution can be developed *faster* and with *reduced costs* with our experience





### Final Disposal of nuclear waste in Finland



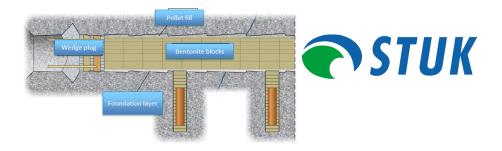


# The world's first construction license for a final disposal facility has been granted

NEWS RELEASE 12 November 2015 at 1.40pm

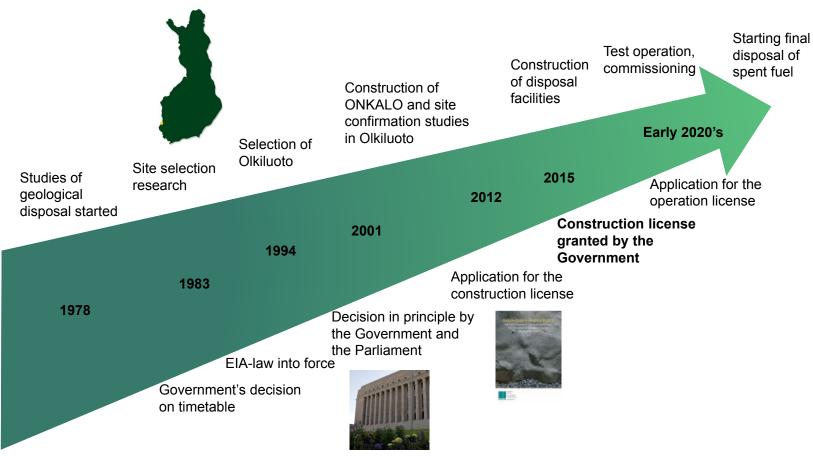
### POSIVA IS GRANTED CONSTRUCTION LICENCE FOR FINAL DISPOSAL FACILITY OF SPENT NUCLEAR FUEL

The Finnish Government has today granted a licence to Posiva for the construction of a final disposal facility for spent nuclear fuel. After an extensive and multidisciplinary research and development work Posiva can now proceed to construction of the final disposal facility in Olkiluoto according to the concept it has developed. The final disposal of the spent fuel generated in the Olkiluoto and Loviisa nuclear power plants into the Finnish bedrock is planned to start in the early 2020's.



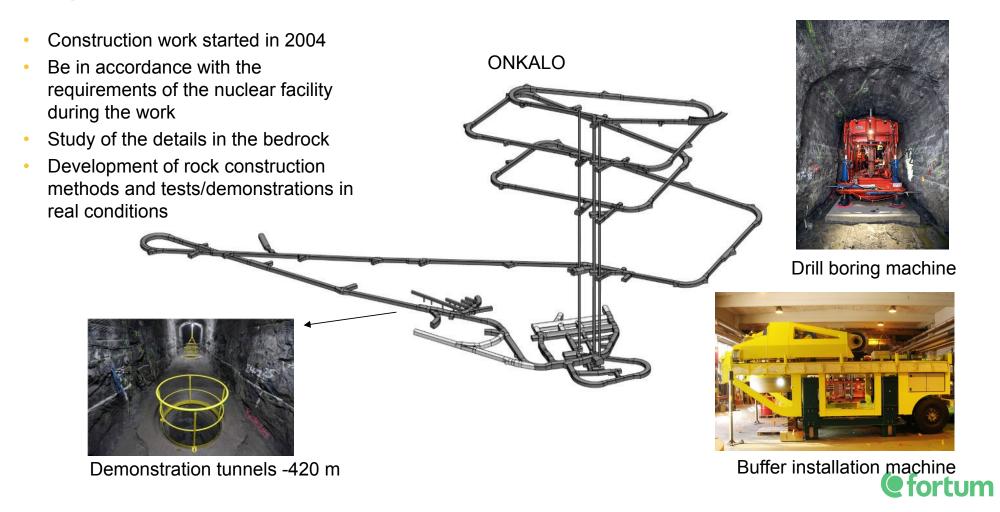


#### Posiva's program has progressed already for 40 years



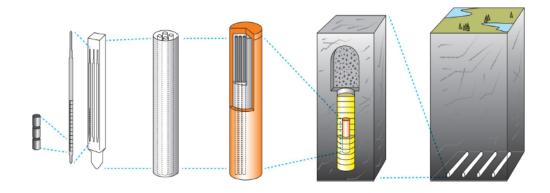


# Posiva has the site and has reached the final disposal level underground



### Why the waste management program is well advanced in Finland?

- 1. Fairly easy waste inventory
- 2. Quick and pragmatic decision making in every level
- 3. Clear and trustworthy process for public acceptance
- 4. Late arrival to the nuclear field
  - => Boosted spin off of the waste management program







#### **Posiva Solutions Oy**

- Subsidiary of Posiva, established in June 2016
- Focuses on the sales of the knowhow accumulated from design, research and development efforts in the final disposal of spent nuclear fuel
- Provides its Clients with tailored expert services related to final disposal in collaboration with an extensive network of cooperation partners.







