
Posiva Oy, Finland

Constructing the world's first Deep Geological Repository for spent fuel

April 12, 2018
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Posiva Oy

Mission

Safe and cost efficient final disposal of spent nuclear fuel for our owners

Vision

Forerunner in industrial final disposal of spent nuclear fuel

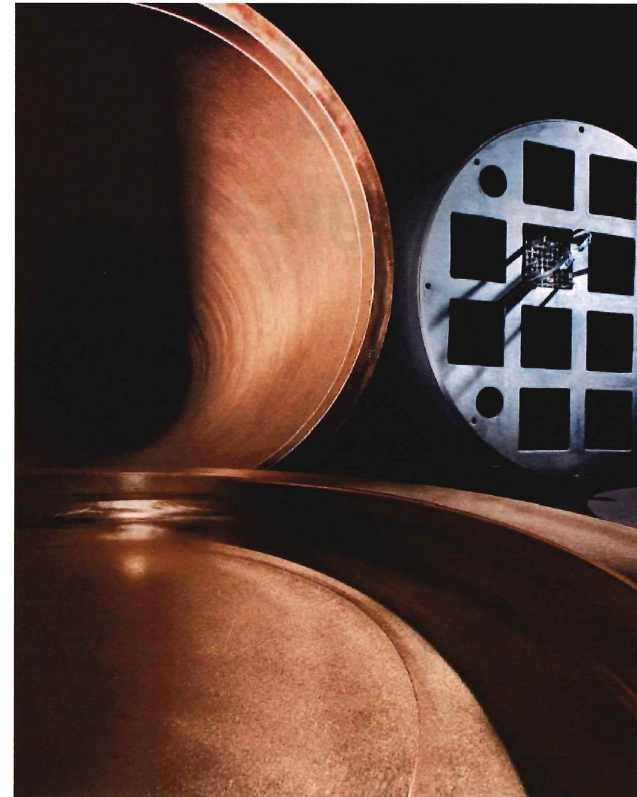
- Established in 1995
- Private company owned by Finnish NPP operators TVO and Fortum
- Turnover 67 M€ (2017)



12.4.2018

Pohjonen Mika

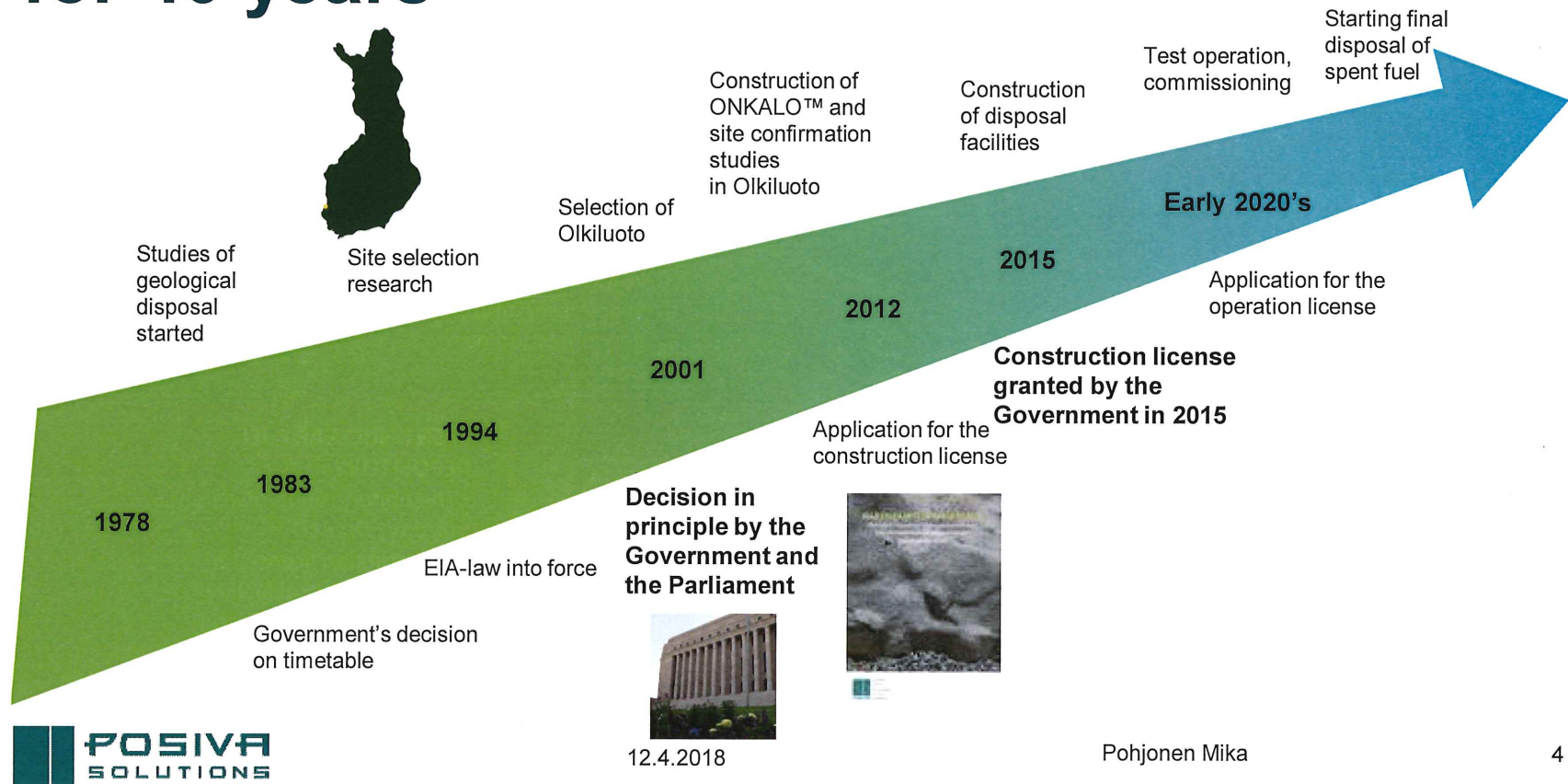
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Complete Nuclear Waste Management on one island – Olkiluoto, Finland



Posiva's program has progressed already for 40 years





Decision in Principle in the Parliament 18 May, 2001

159 Yes
3 No
37 Absent



Decisive arguments in Parliament

- “Aiming at final disposal is a better solution than just resorting to interim storing”
- “Option for retrievability of waste canisters must be maintained”
- “The present generation has to accept responsibility for nuclear waste”



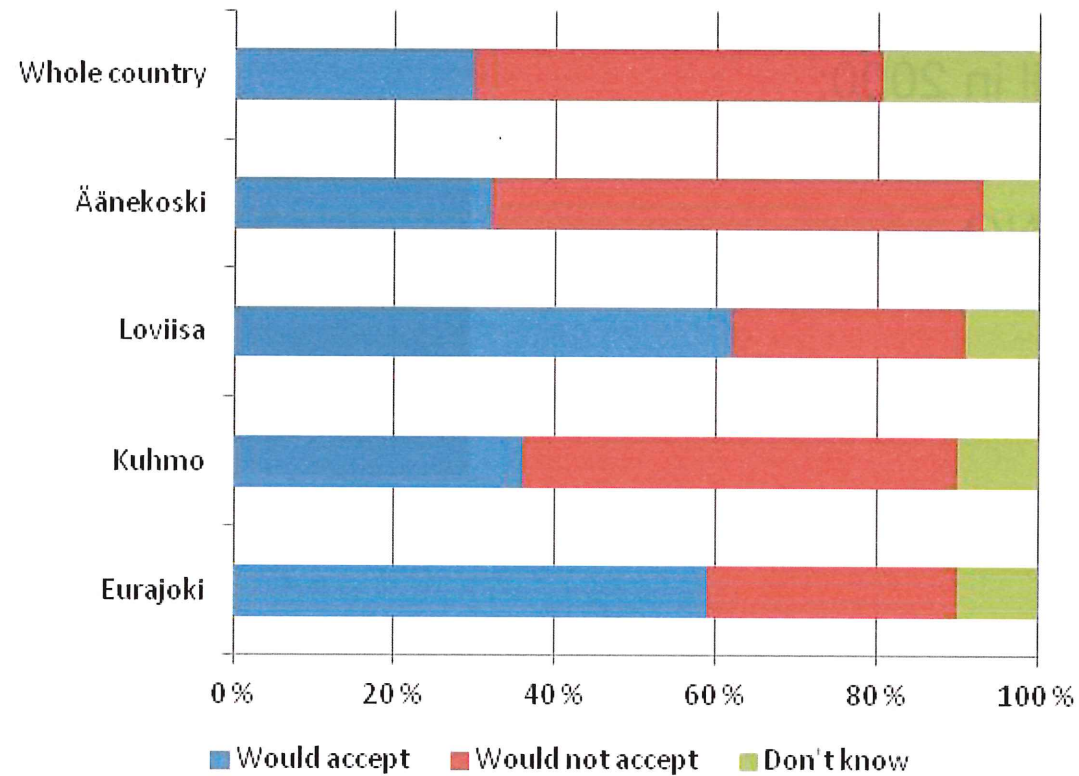
Municipal veto-voting

- Vote in Eurajoki municipality council in 2000:
 - 20 YES
 - 7 NO



Local and national trust in 1999

Acceptance for repository in 1999

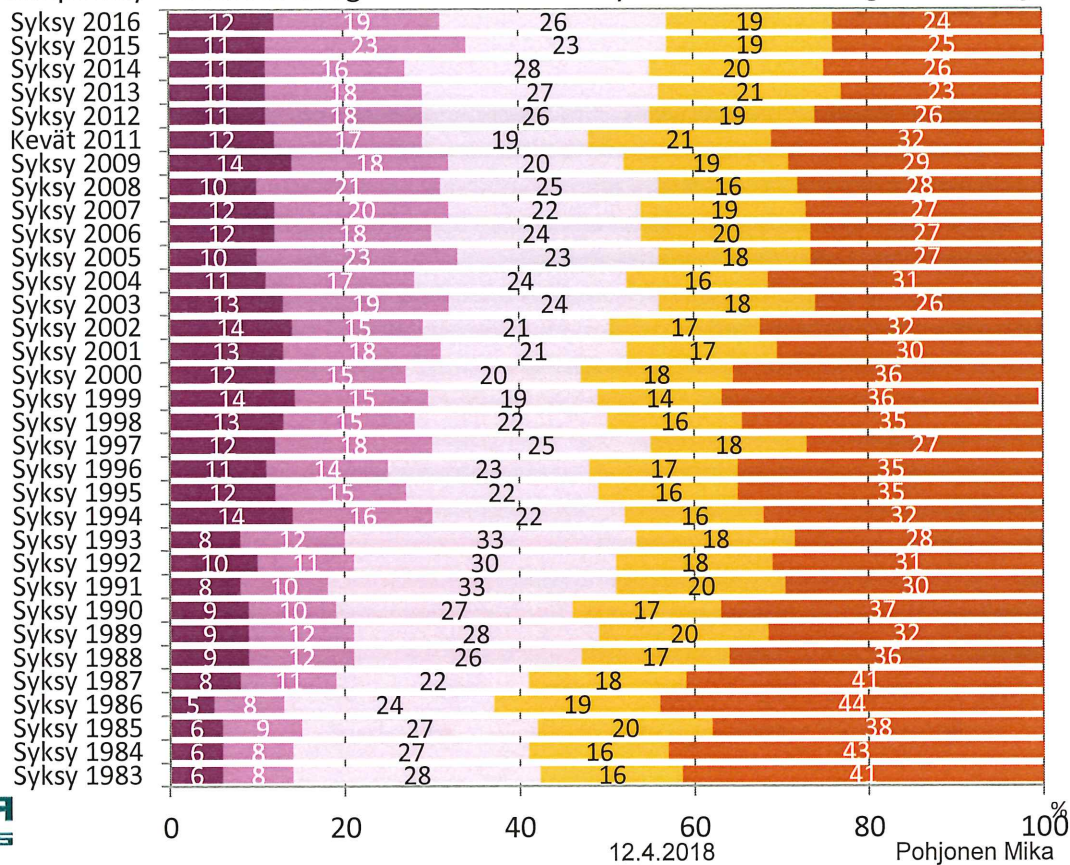




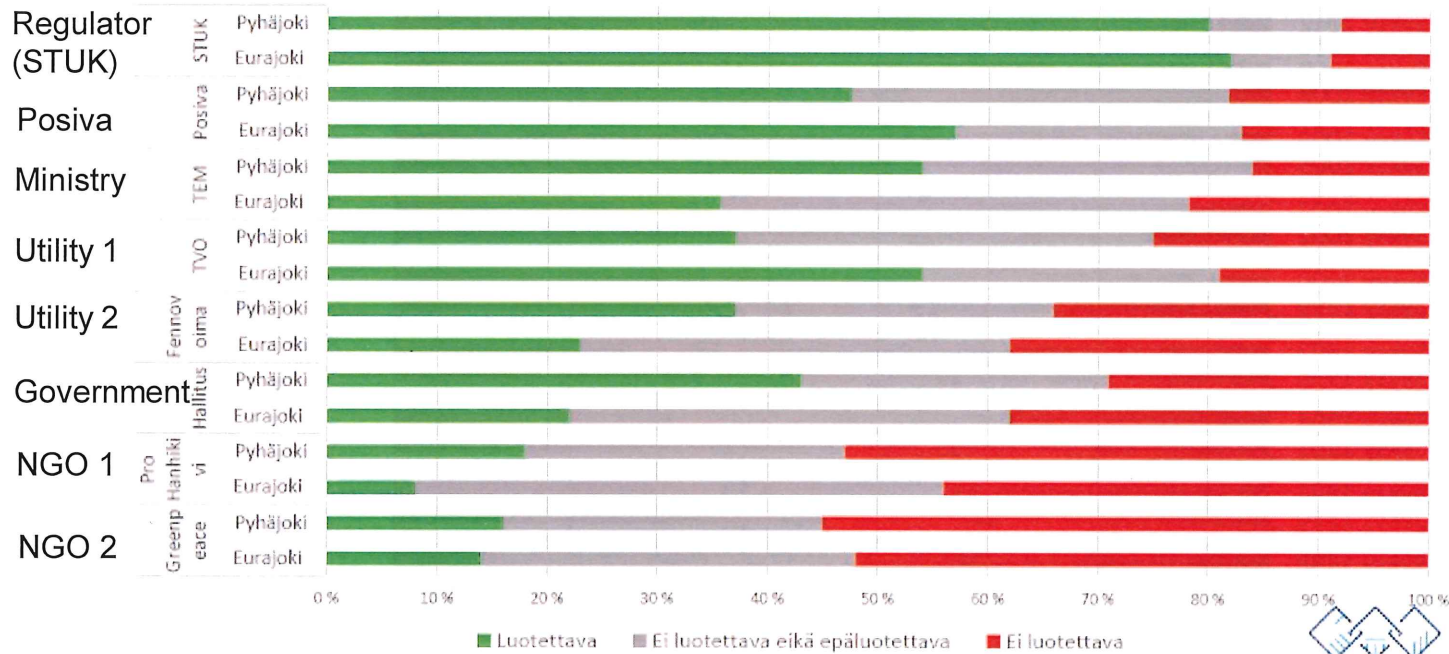
Annual poll by the Finnish Energy association 1983 – 2016

Nuclear waste can be safely stored in a final repository in the bedrock of Finland – do you agree?

■ Agree completely
 ■ Somewhat agree
 ■ Difficult to say
 ■ Somewhat disagree
 ■ Disagree completely



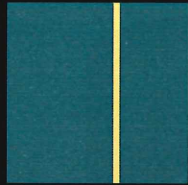
The public trust in different actors in questions concerning nuclear waste management. Opinions of residents in Eurajoki and Pyhäjoki municipalities in 2017.



Three “shafts of success”



Public acceptance of deep geological disposal of spent nuclear fuel



POSIVA SOLUTIONS

Posiva Solutions can offer a wide range of expert services for organizations engaged in nuclear waste management operations. With our experience you can save time and cost.

