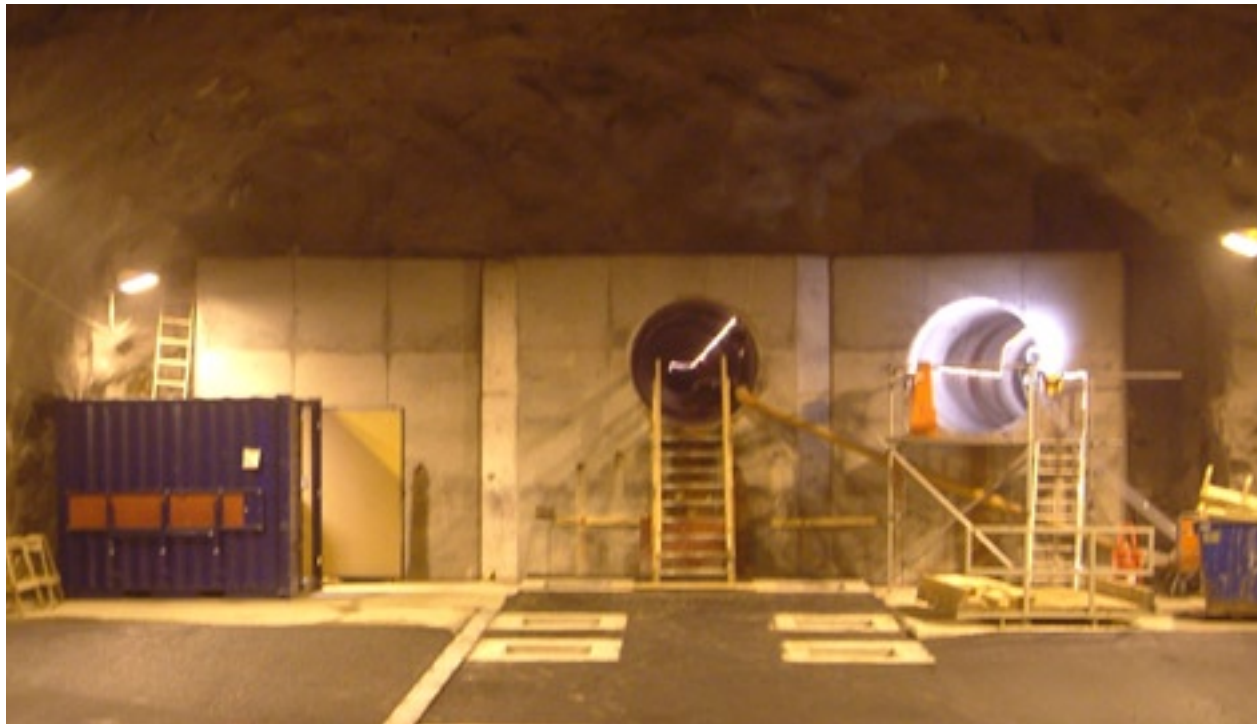
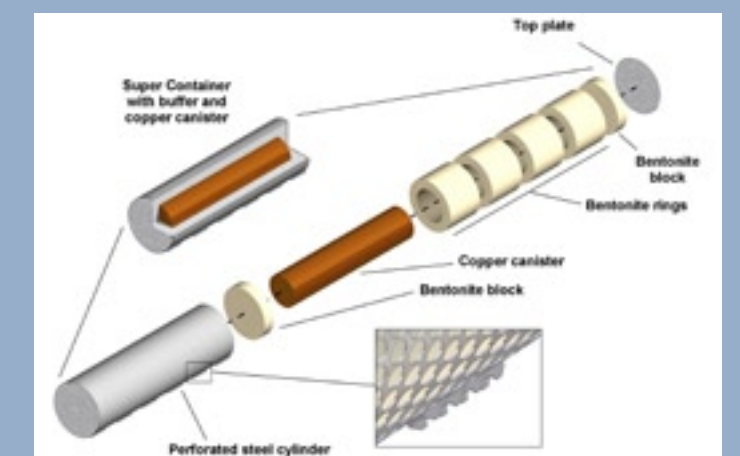


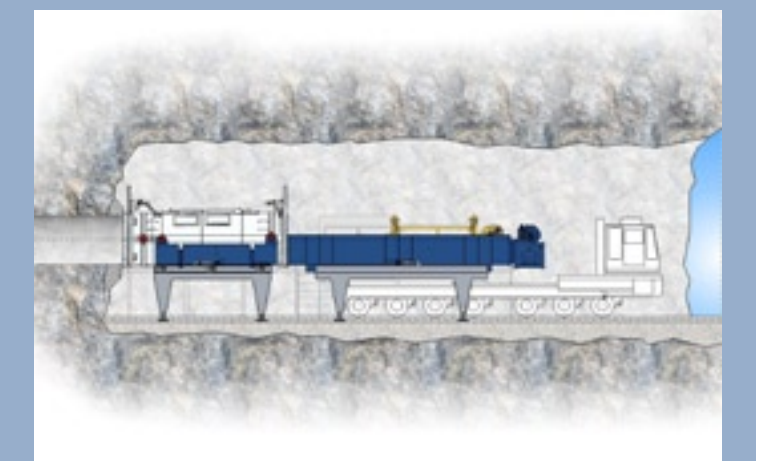
# KBS-3H - Horizontal Deposition



Drilling of deposition drift



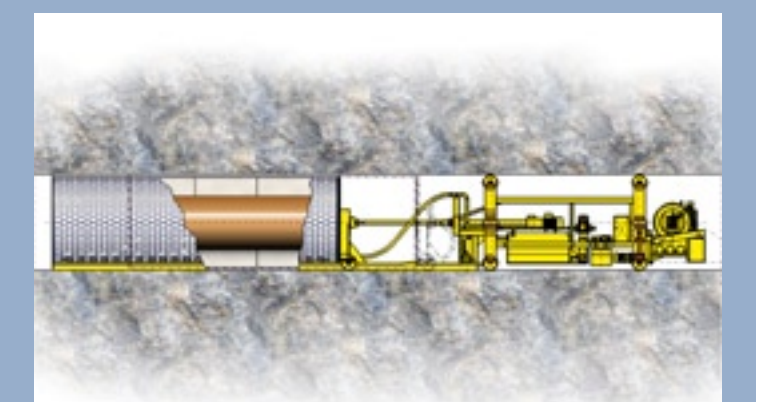
Super Container consist of copper canister, buffer material and a perforated steel shell



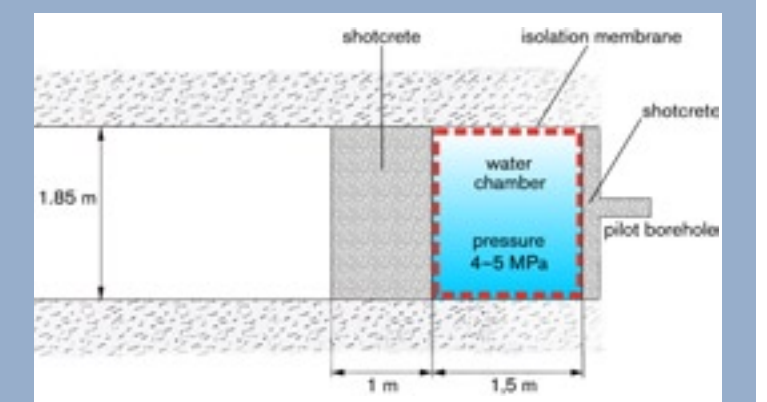
Deposition equipment in the niche



Tilting of transport tube



Super Container and deposition machine in the drift



Test of shotcrete plug in the drift

## Short information

about the demonstration work in the KBS-3H project at the Äspö HRL

- KBS-3H is a joint project between SKB and Posiva in Finland

- The R&D programme for KBS-3H was decided by SKB board late 2001

- A feasibility study for KBS-3H was performed during 2002 and a basic design study during 2003

- In 2003 it was decided to perform full scale demonstration of the KBS-3H deposition process at Äspö HRL

- The deposition equipment is partly financed by EC within the 6th R&D Programme and the ESDRED project

- Factory Acceptance Test (FAT) is done during February 2006 in CNIM's factory in Toulon, France

- Site Acceptance Test (SAT) of the equipment is scheduled at Äspö HRL during April 2006

- Testing of the deposition equipment will continue for about one year

2003 } Excavation of niche

Deposition equipment was included in ESDRED

2004

Excavation of the two drifts

Signed order with CNIM for design and manufacturing of deposition equipment

2005

Manufacturing at CNIM in France

Two complete Super Containers are assembled

FAT

Delivery of deposition equipment to Äspö HRL

SAT

2006

Testing and demonstration of the equipment

2007

Evaluation and reporting

Distance Block

Super Container

Copper Canister

Low-PH shotcrete plug

~15 m

~300 m