



ITO and Safety Culture

IAEA IEM H&O Factors Vienna 2013

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Unit 2 reactor at the stricken Fukushima Dai-ichi





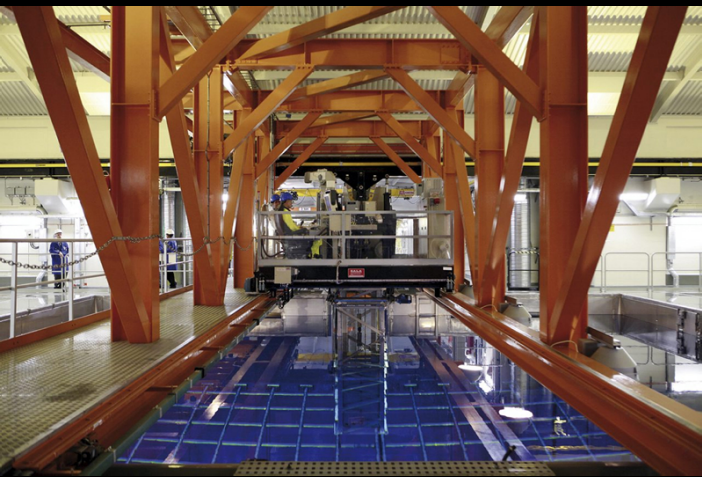
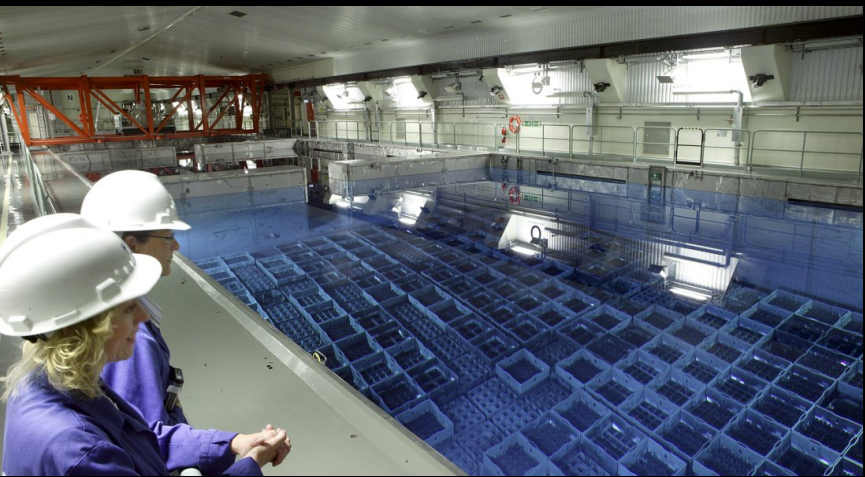
Agenda

- Background and what we do at SKB
- Taking over operation of nuclear facilities
- Combining research and operations
- Strategy for development of work with Individual-Technology-Organization interaction and Safety Culture





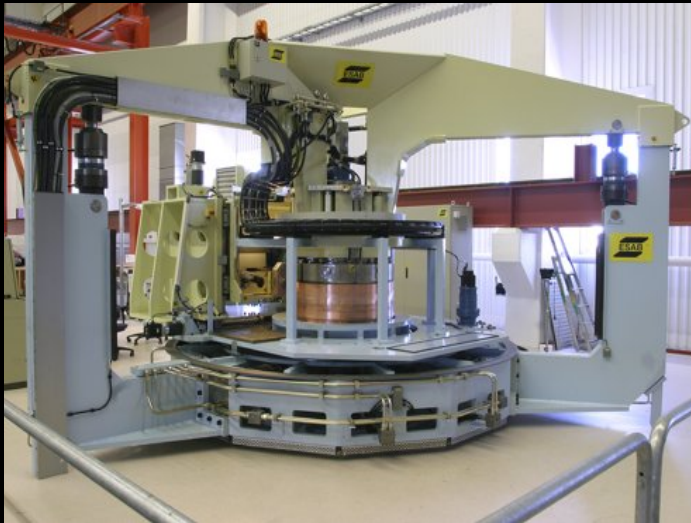
Interim storage facility for spent nuclear fuel (Clab)



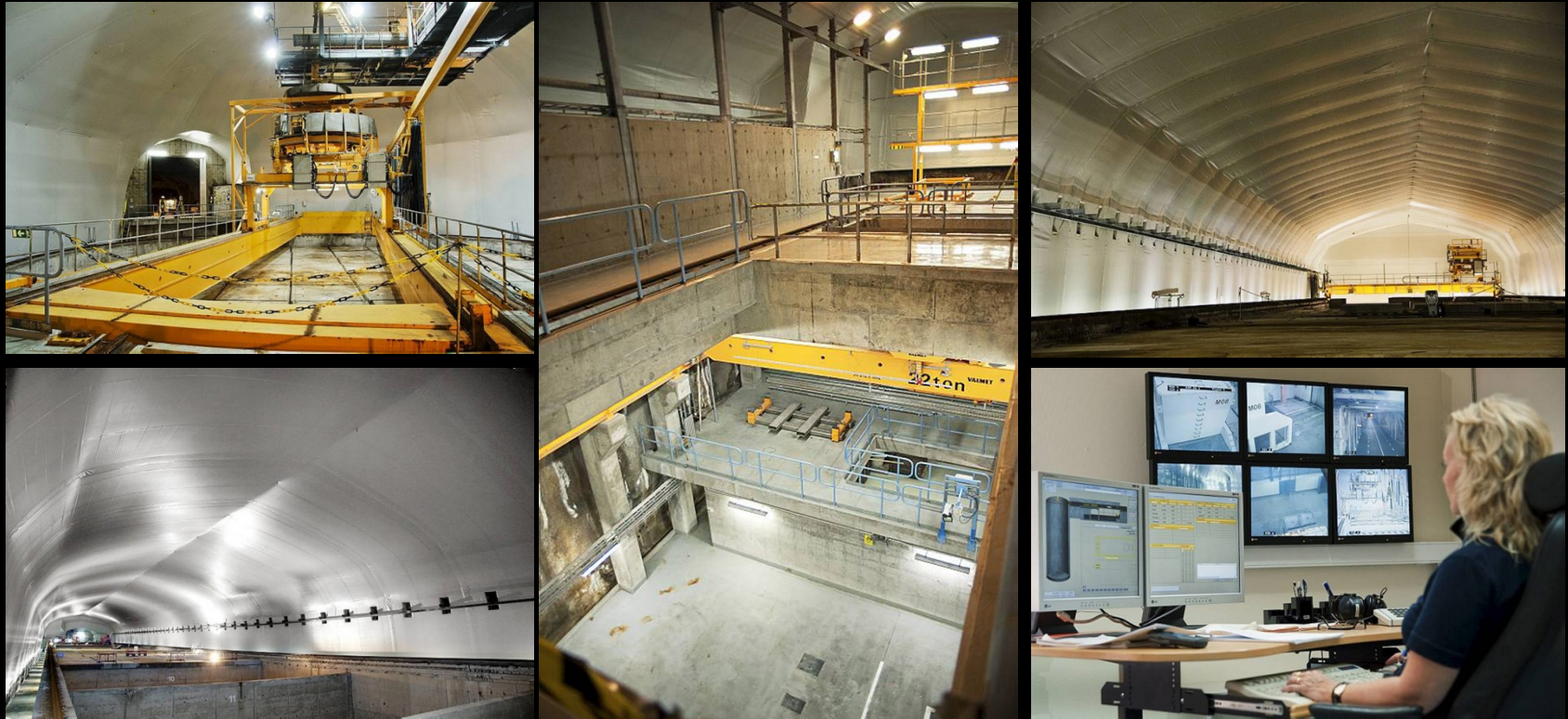
Äspö Hard Rock Laboratory



Encapsulation laboratory

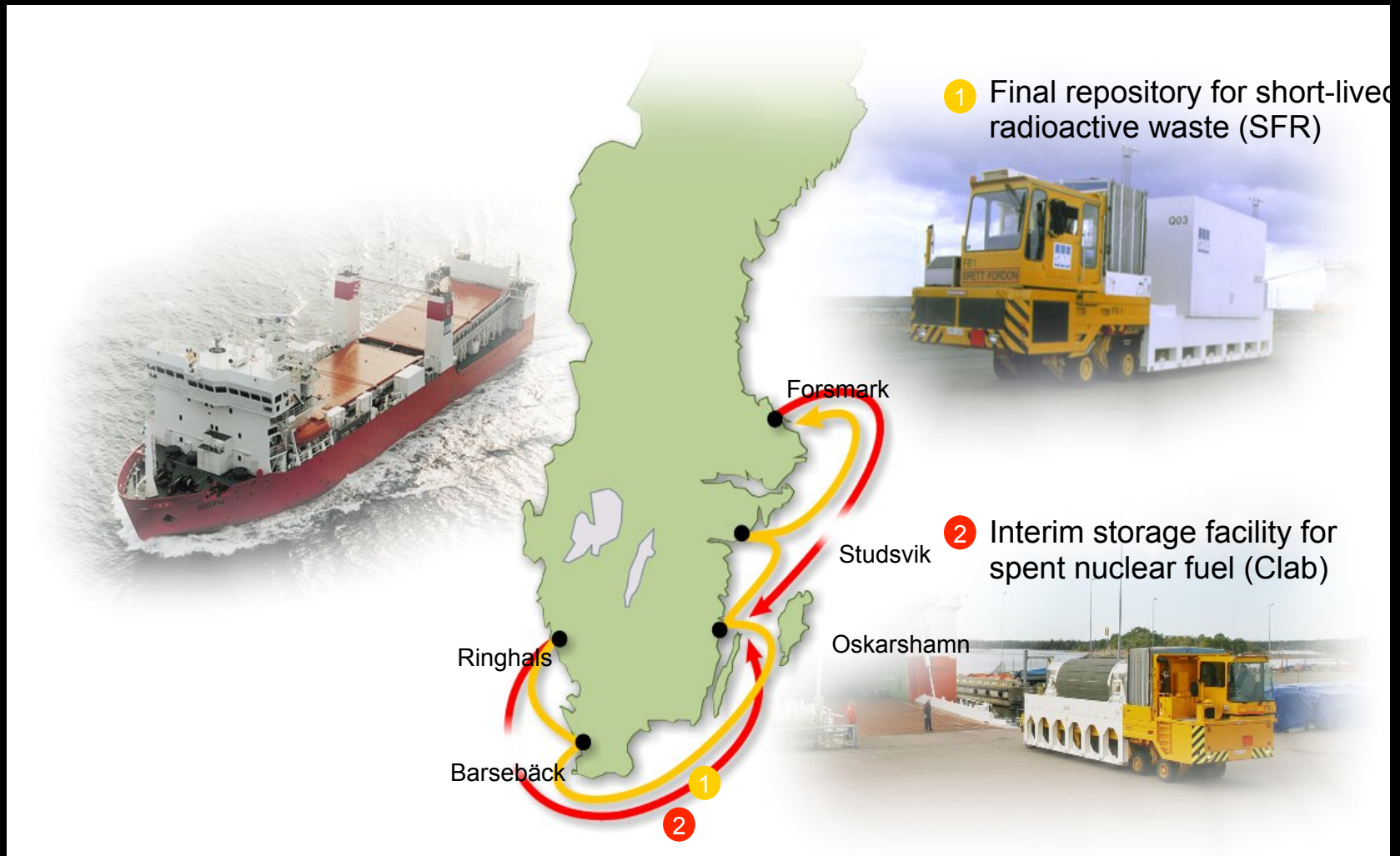


Final Repository for Short-lived Radioactive Waste, SFR





m/s Sigyn



Future facilities

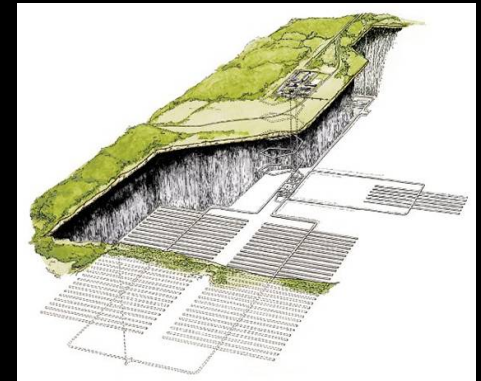
Canister factory and canisters



Encapsulation plant



Final repository



m/s Sigrid



Starting ITO – Safety Culture work

- Risk awareness
- We can all influence safety
- In depth investigations of events from an ITO perspective

and ...

ITO – Human factors engineering!

Combining experience and theory

So we made an instruction

- Integrating HFE in the project process
- Requiring a safe "end product"
- how to go about it
- competencies required
- In a graded approach

Starting ITO – Safety Culture work

- Risk awareness
- In depth investigations of events from an ITO perspective
- ITO – Human factors engineering

