

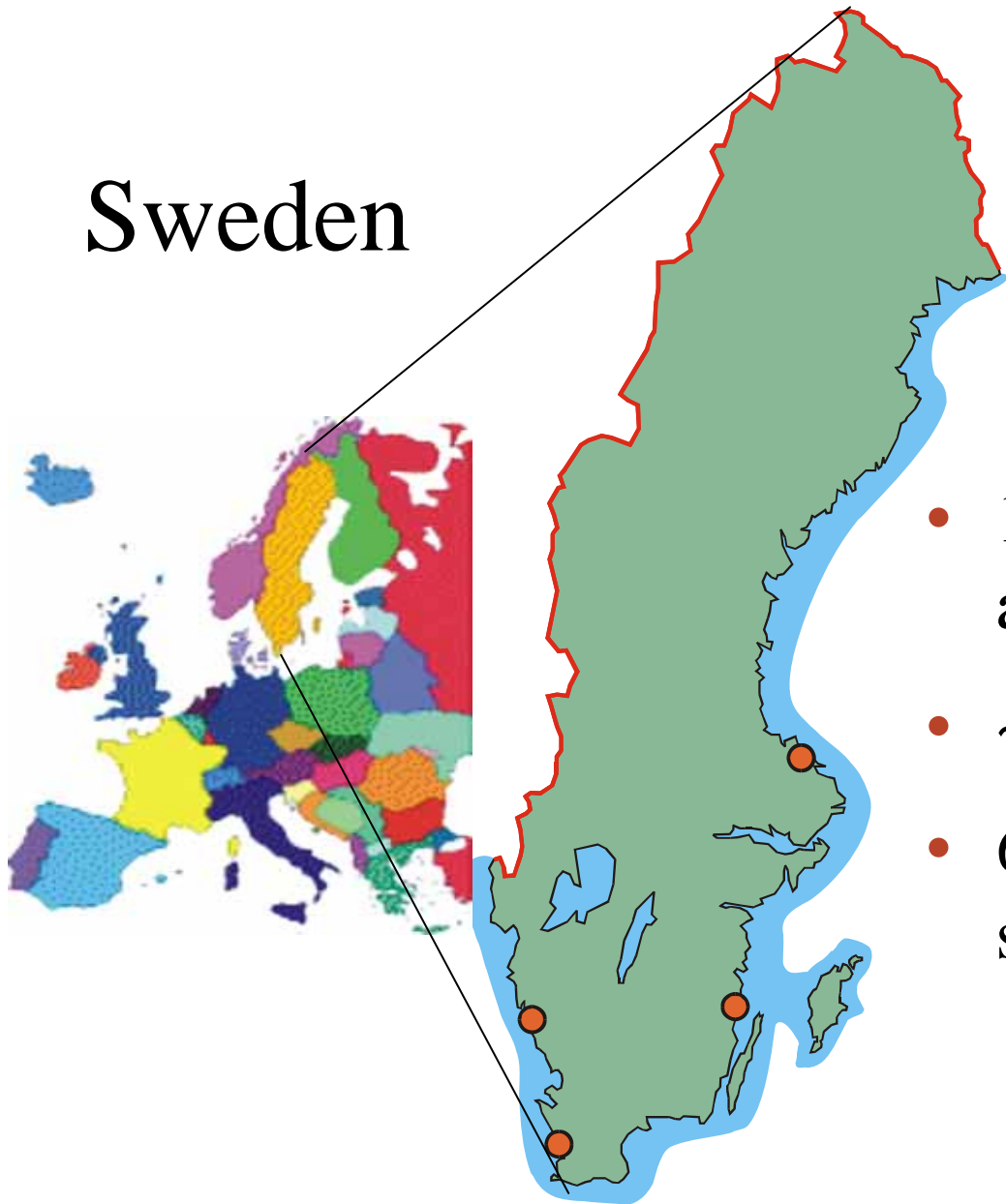
Waste disposal

- moving from strategy to reality -

Status of Nuclear Waste Management in Sweden

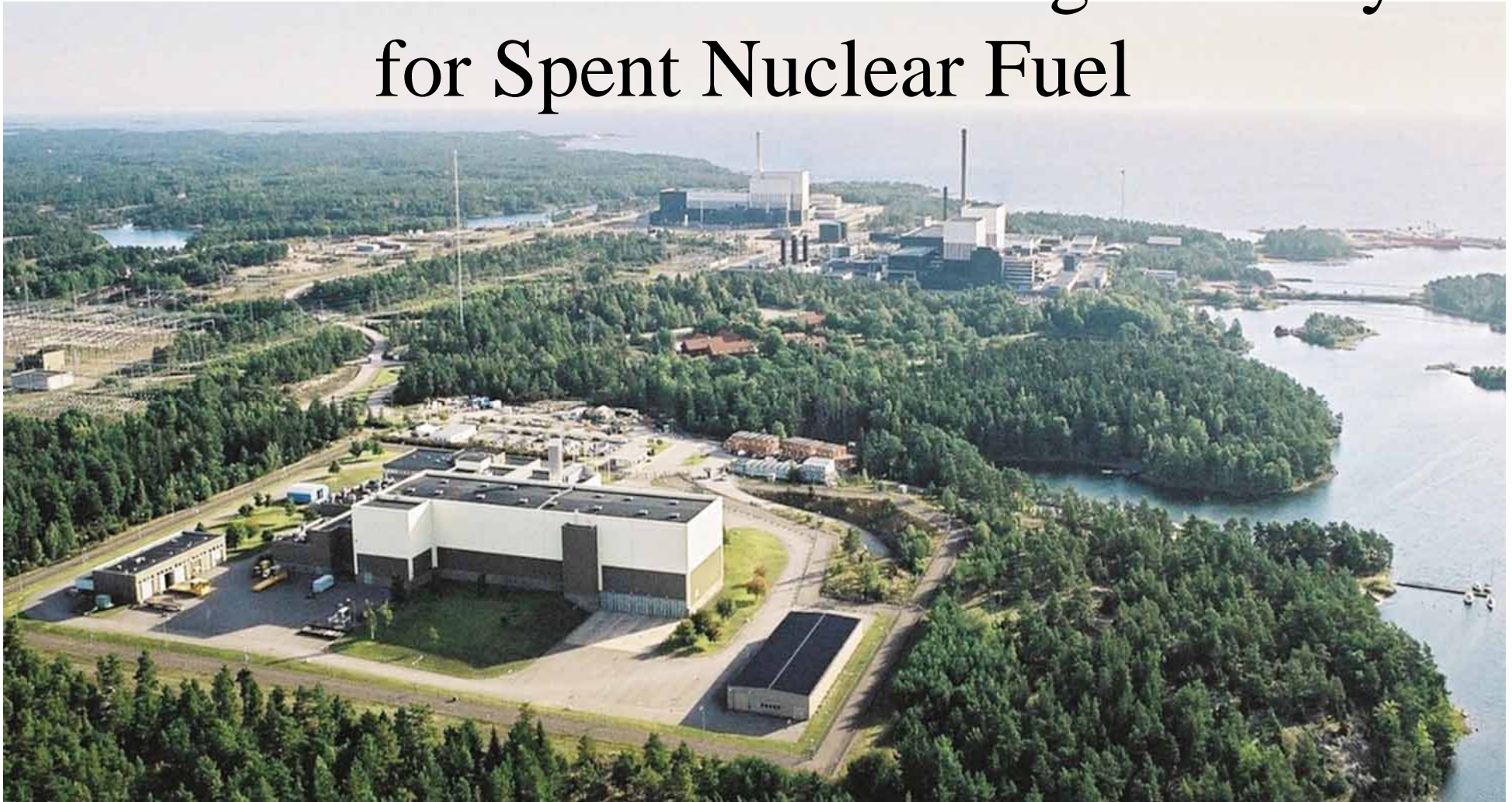
Claes Thegerström
Svensk Kärnbränslehantering AB

Sweden



- 10 operating reactor units at 3 sites
- ~50 % electricity
- 6,000 – 9,000 tonnes of spent fuel

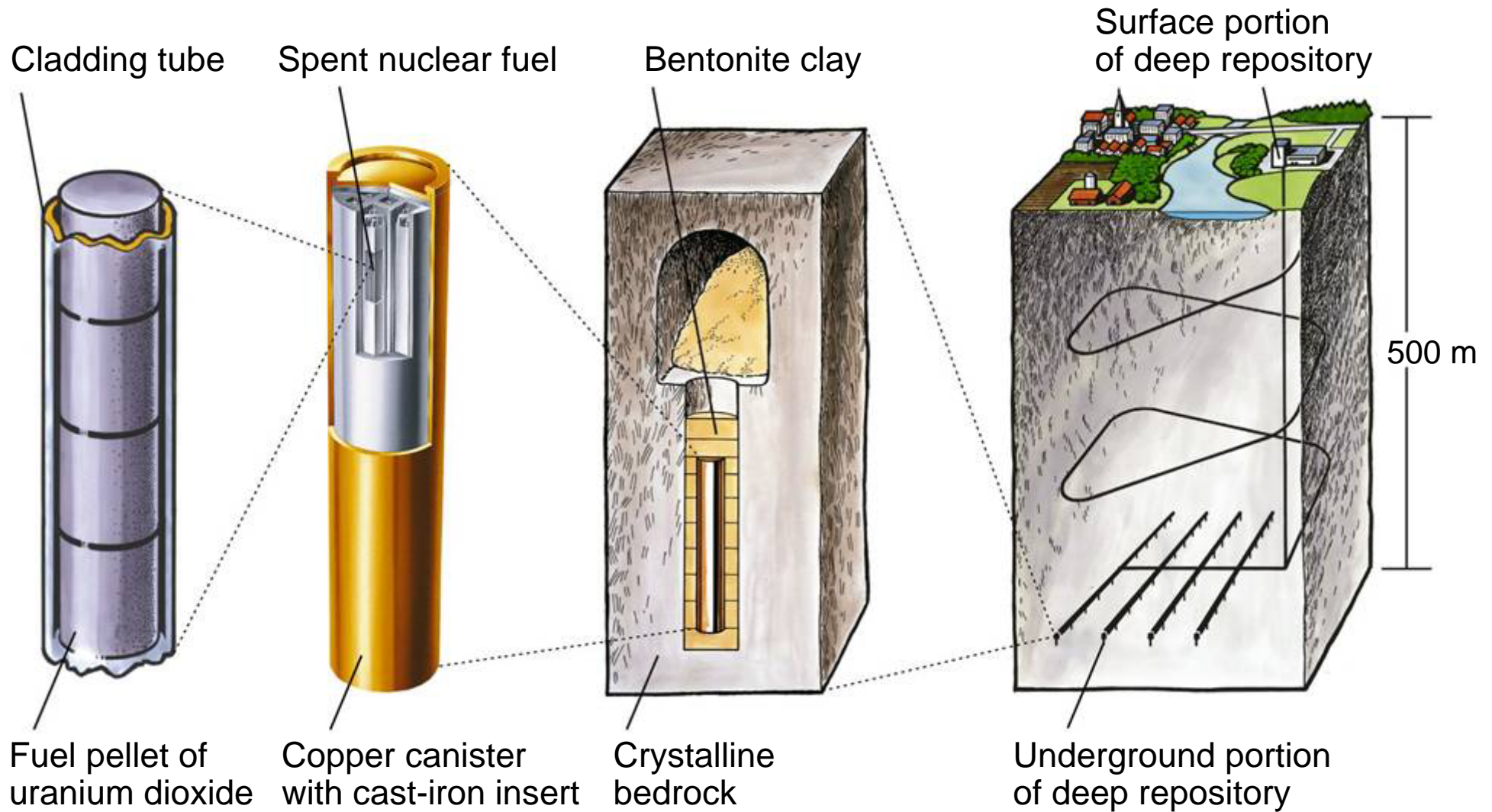
Clab – Central Interim Storage Facility for Spent Nuclear Fuel



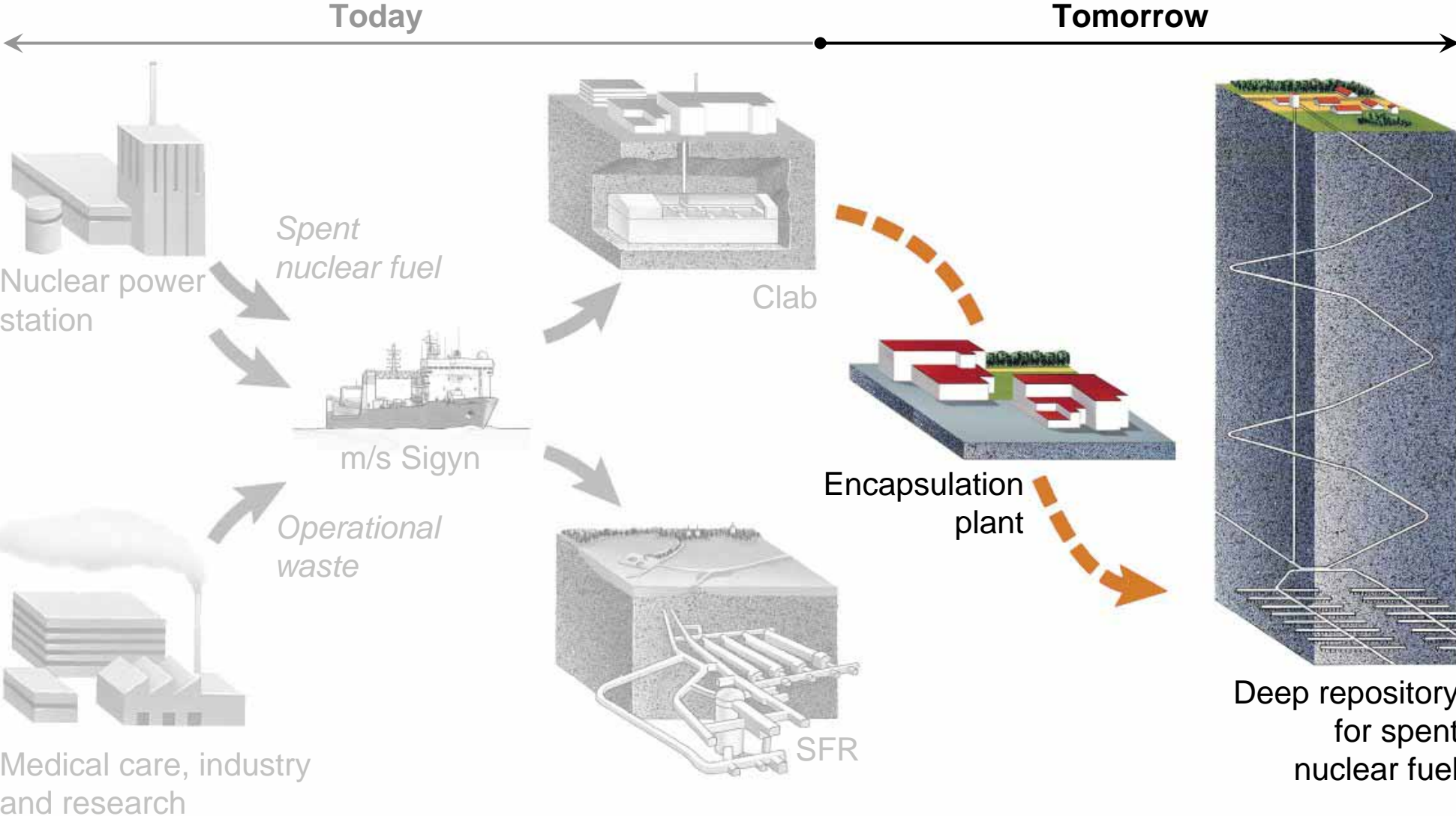
Clab – Central Interim Storage Facility for Spent Nuclear Fuel



KBS - Safety barriers



SKB's future system



Copper canister



To achieve isolation, the canister must:

- be intact at deposition
- be resistant to the chemical environment expected in the deep repository
- withstand the mechanical loads expected in the repository

Canister Laboratory



Copper canister



Copper canister – insert of cast iron

