

FUTURE EXTENSION OF THE SWEDISH REPOSITORY FOR LOW AND INTERMEDIATE LEVEL WASTE (SFR)

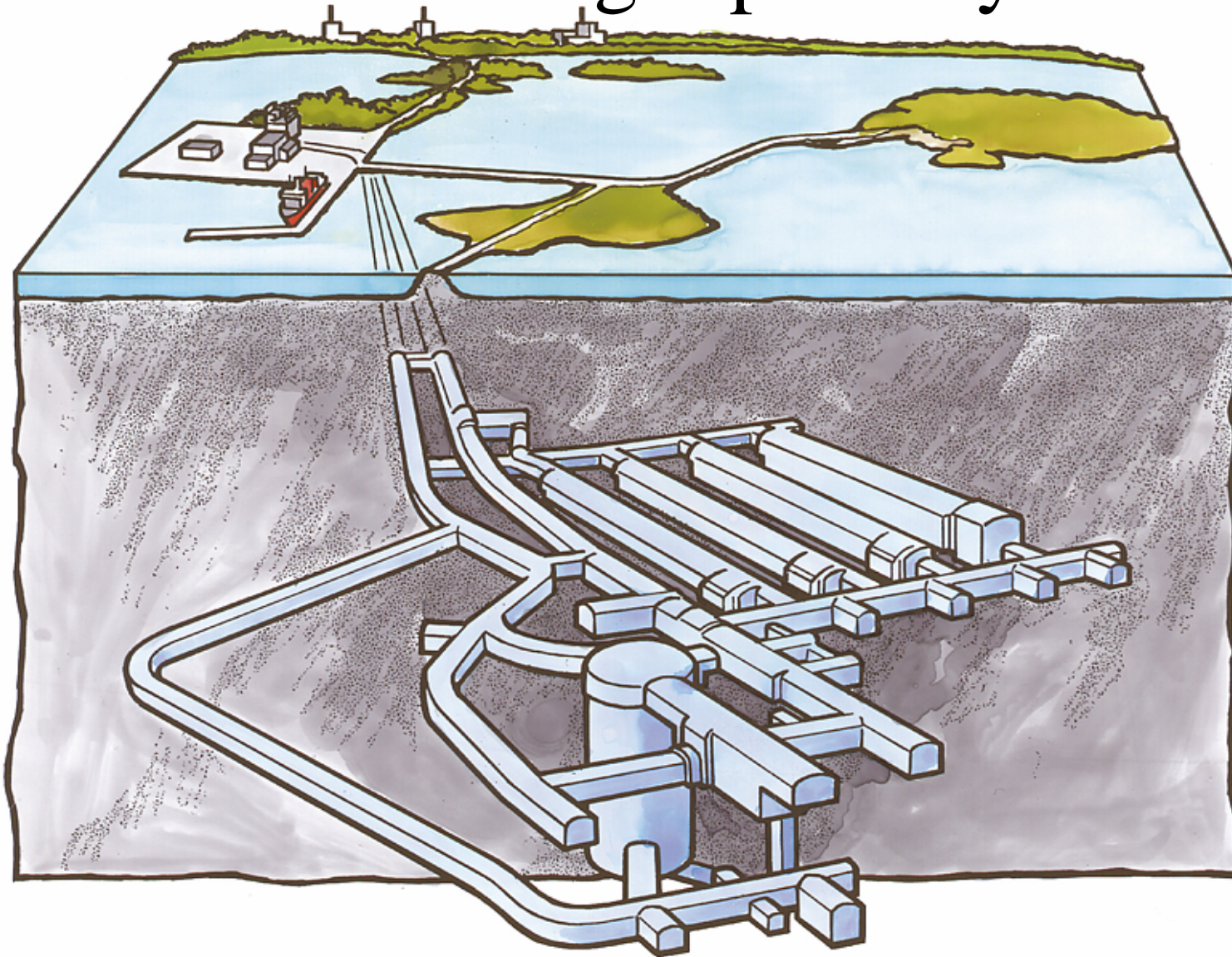
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The existing repository



The need for extension

- Waste from operation and maintenance
- Waste from dismantling of nuclear power plants

Stepwise approach

- Excavate enough for a reasonable long time (10 – 20 years)
- Development of waste treatment systems may change the waste volume
- New regulations may influence the amount of waste to be disposed (e.g. free release requirements)

Extension, first phase

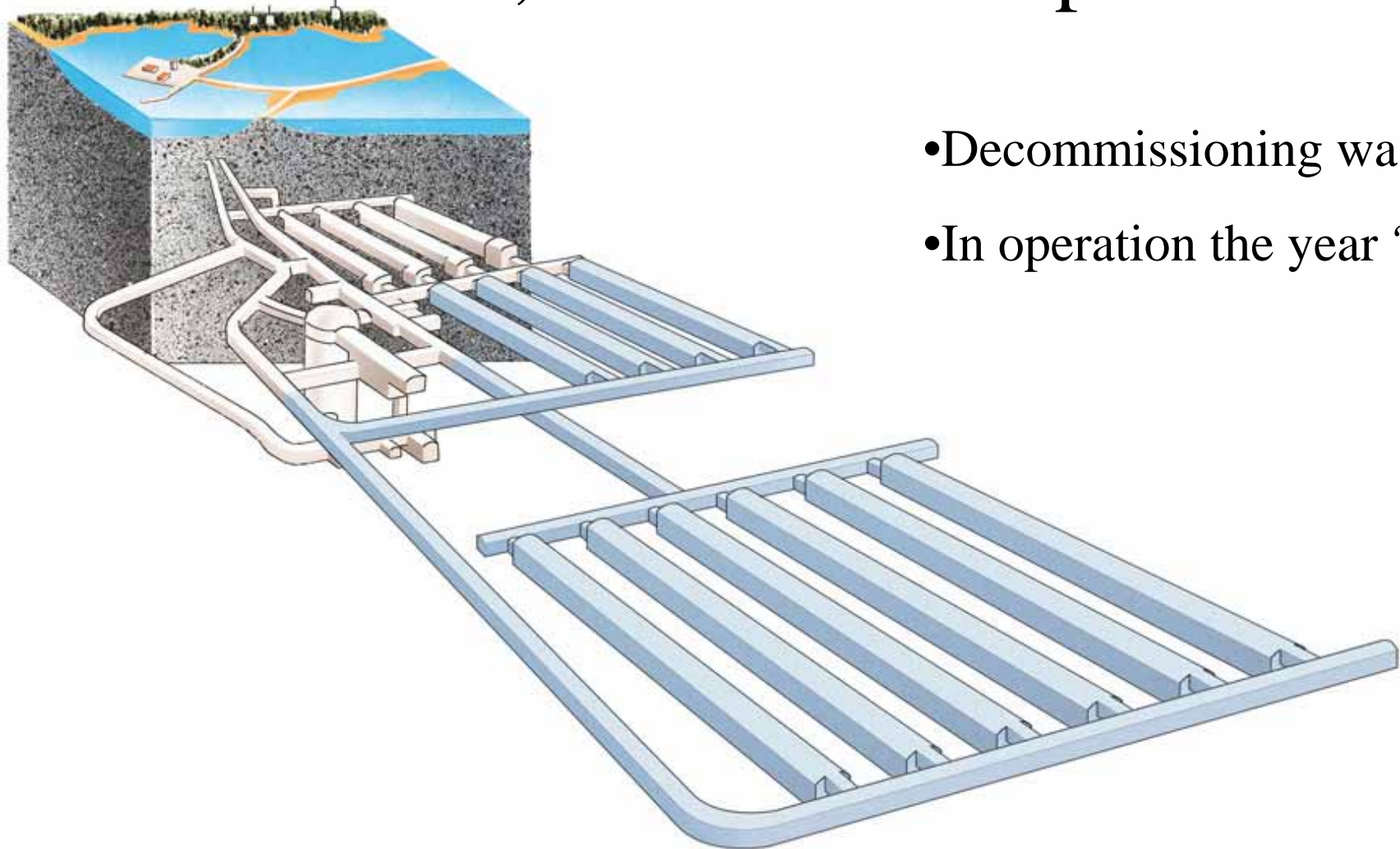


- Operational waste
- Decommissioning waste
- In operation 2020

Licensing and re-licensing

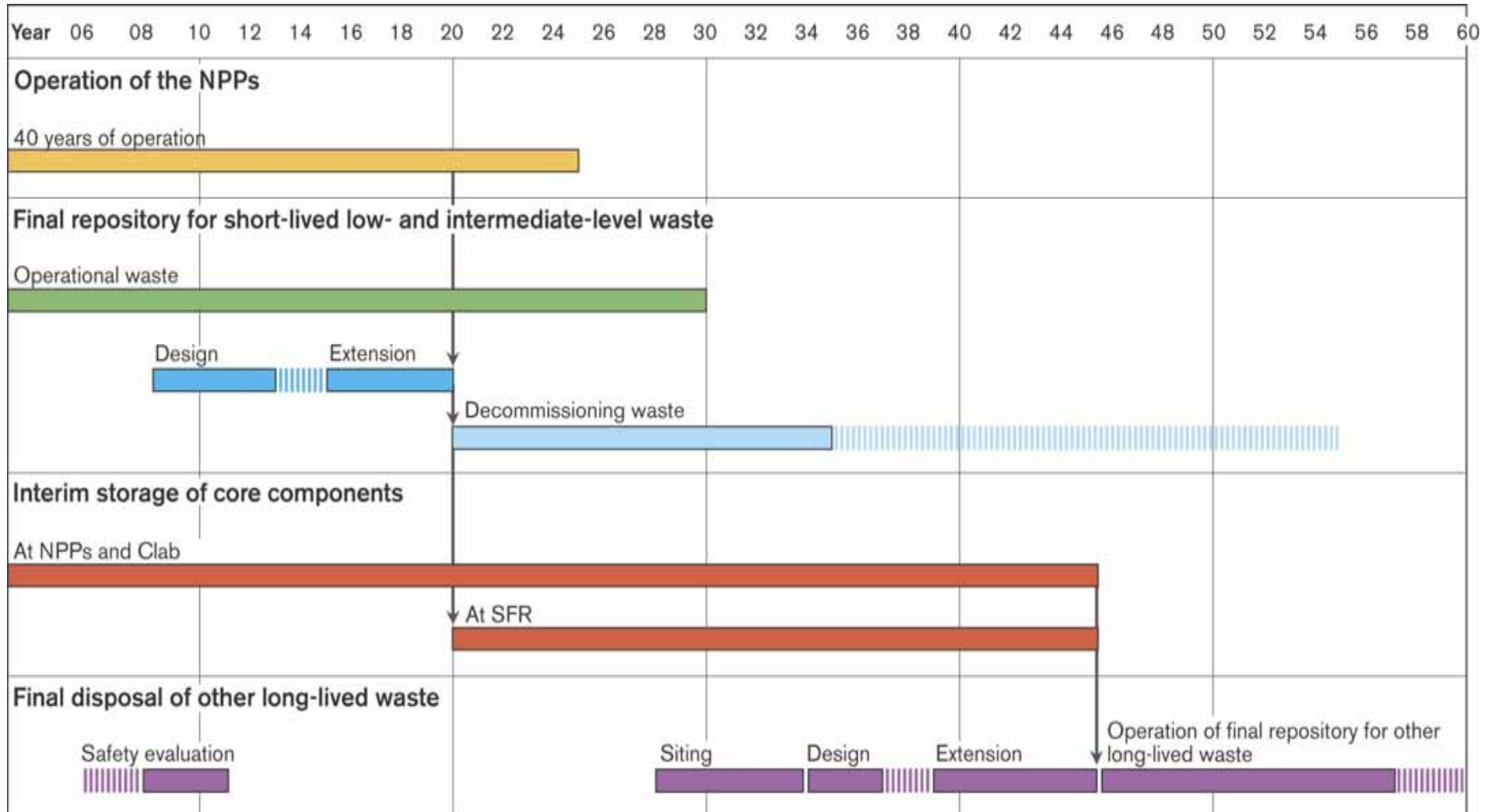
- The existing repository today only accepts waste from operation and maintenance
- The new parts will be licensed for short-lived low and intermediate level waste in general
- For an optimal use of the repository the existing part will be re-licensed to accept both operational and decommissioning waste

Extension, first + second phase



- Decommissioning waste
- In operation the year ????

Time schedule (40 years of operation)



Possible further enlargement

- Long lived waste in caverns excavated at the site but at a greater depth (estimated for operation from 2045)