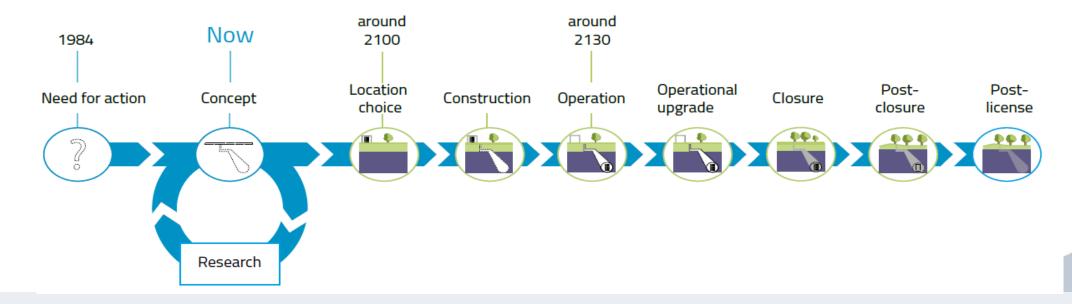
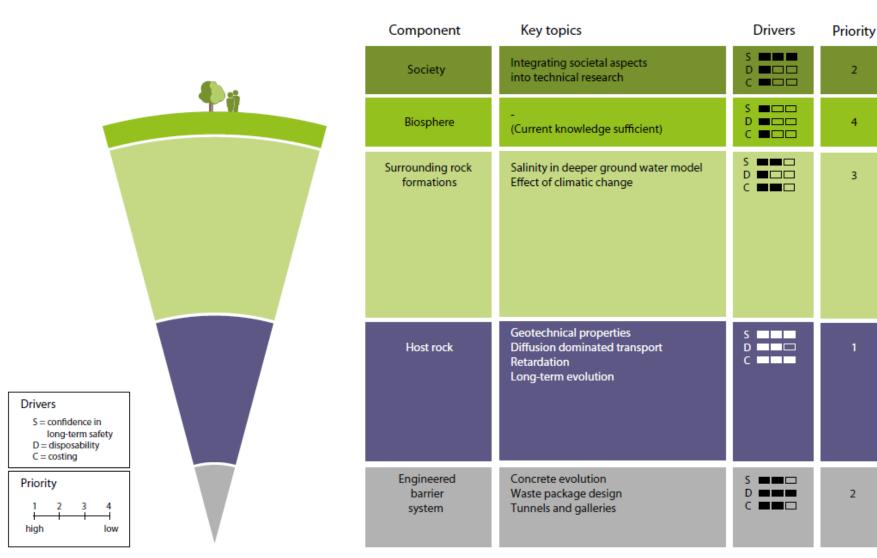
Next Milestone



Evaluation National Programme 2018 2023 2025 update BC safety case (iteration II) start follow-up OPERA long-term knowledge management programmeon geological extend normal evolution scenario (gas generation, disposal using iterative SC's to determine research needs criticality, ice ages), include altered scenarios status report rock salt start European joint programming develop disposal concept and PA model strategic programme of research and knowledge management activities at European level cost estimate Rock Salt based on disposal concept and SSK-method

RD&D priorities





3

RD&D priorities

Host rock

- Thermal and mechanical properties.
- Quantifying diffusion through clays.
- Solubility of radionuclides at very high salinities.
- Uplift, diapirism, subrosion.
- ...

Engineered barrier system

- Waste package design.
- Supercontainer.
- Concrete evolution.
- Layout of the repository.
- ...

Society

- Acceptability of geological disposal and confidence in the (long-term) performance of a geological disposal facility.



How RD&D themes were identified

- The safety case is used as an instrument to steer research and manage the knowledge over decades.
- In the OPERA safety case, current knowledge on the performance and evolution of compartments and their contribution to safety was assessed.
 Based on that assessment the key topics for future research were extracted

