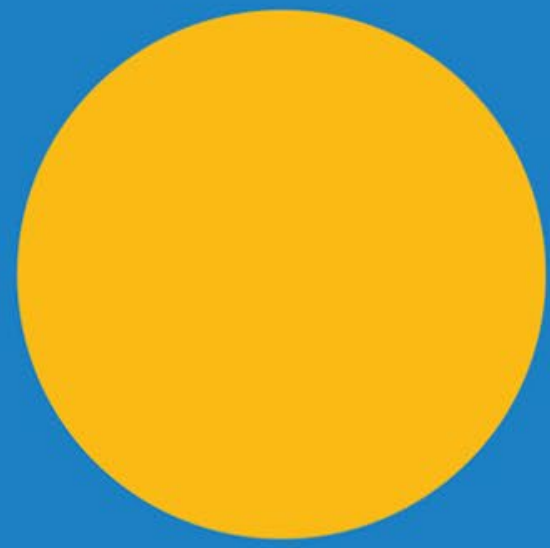


Nuclear Waste  
Management  
in Sweden – today and  
in the future

Stefan Engdahl  
Managing Director SKB



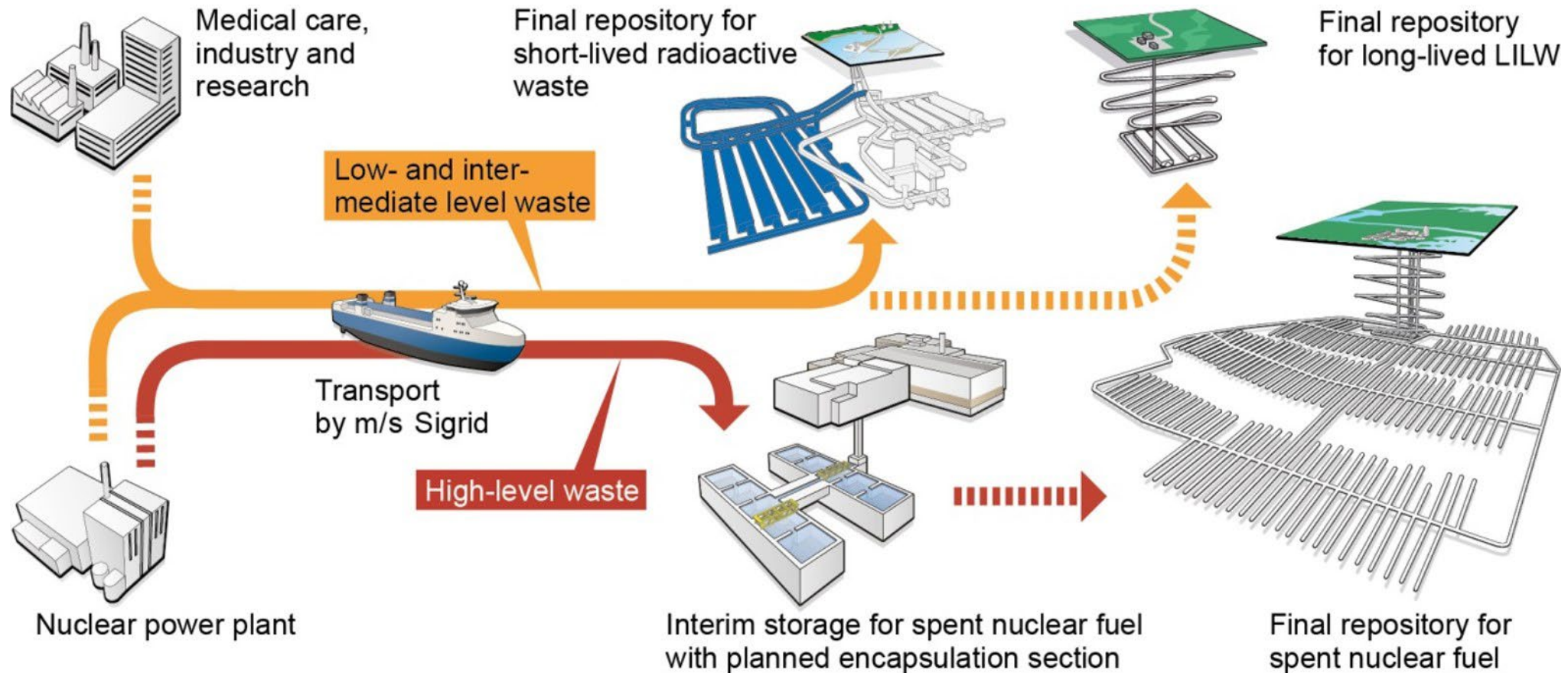
# Nuclear Waste Management in Sweden



- SKB is owned by the nuclear operators in Sweden. They own all SKB assets.
- SKB has developed a world leading method and system for managing radioactive waste and spent fuel.
- The system is optimized for the current needs. Long-term operations for the former and existing reactors.
- By law, all nuclear operators must have a solution for the radioactive waste and spent nuclear fuel.



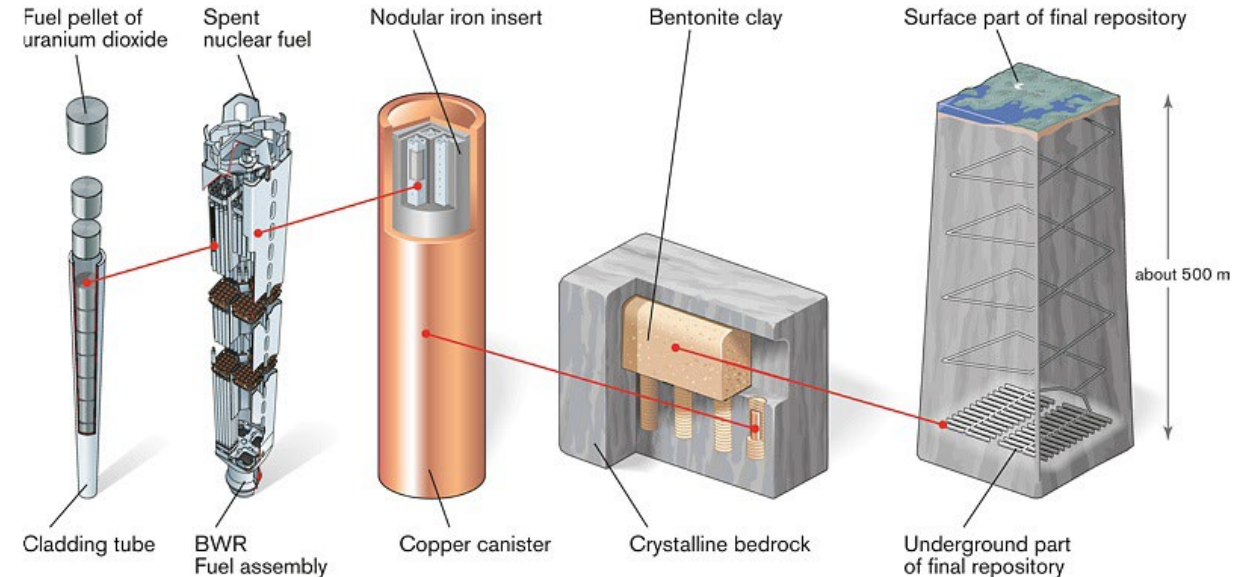
# SKB's system





# Our method is approved by the government

- SKB's method for final disposal of the spent nuclear fuel is called KBS-3 and is based on three protective barriers: copper canisters, Bentonite clay and the Swedish bedrock.
- KBS-3 method based on 40 years of research and development
- Collaboration with national and international organisations and universities
- RD&D programme every third year – with national review and approval by the government



# Clear responsibility and sound financing

**VATTENFALL** 

**FORSMARKS  
KRAFTGRUPP**

**\*Sydkraft  
Nuclear Power AB**

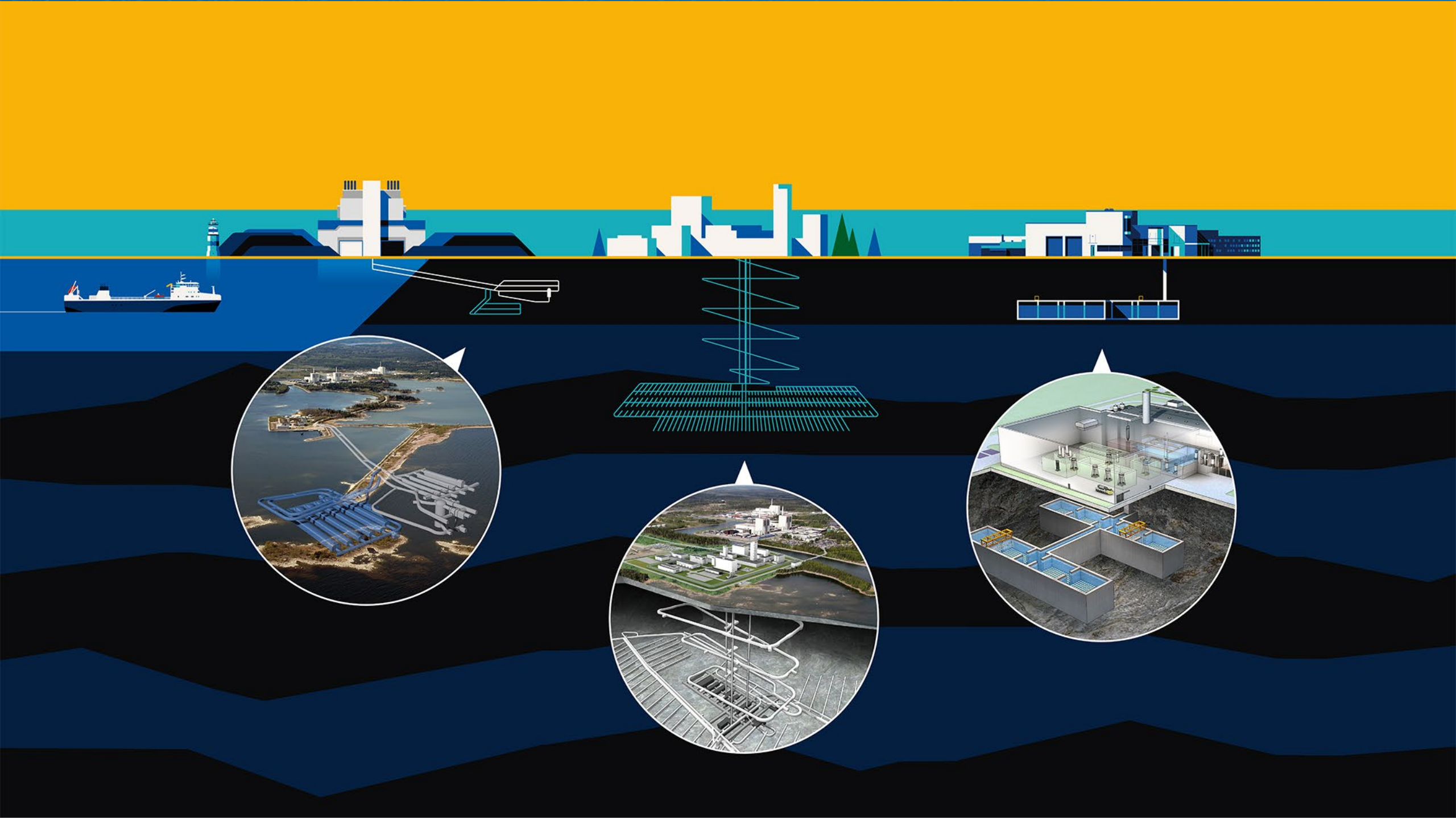
  
- part of the energy business Uniper

The owner companies  
fund approximately  
6,9 öre per kWh  
electricity generated  
by nuclear power



Approximately  
SEK 77 billion in 2024

\*Sydkraft Nuclear Power AB is part of the Uniper group.





# Waste Management for new build in Sweden

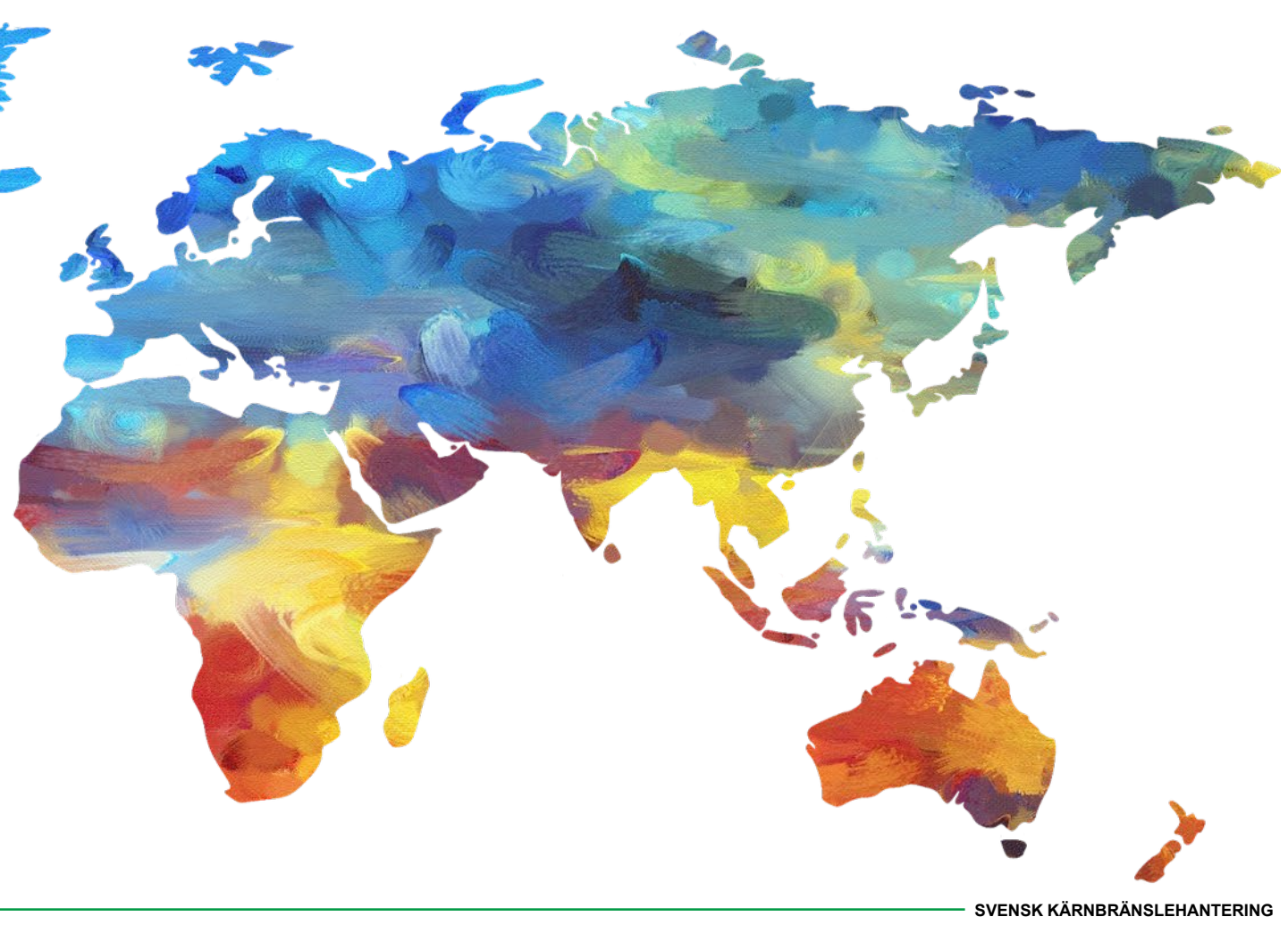


- Our applications and permits apply to current nuclear power programs.
- A new nuclear waste program is required for new reactors.
- We have an approved method and know-how in Sweden.
- SKB's facilities are sufficient for the current nuclear power program. New reactors require new facilities and new permits.



# Other countries

- Geological repositories
- Sweden is at the forefront
- Finland is using the Swedish method
- SKB International offers all the expertise and experience that SKB has acquired to other countries like Japan, Taiwan, Norway and UK.





# Follow SKB



[www.skb.se](http://www.skb.se)



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