

Local perspective on memory in the context of managing future waste legacies

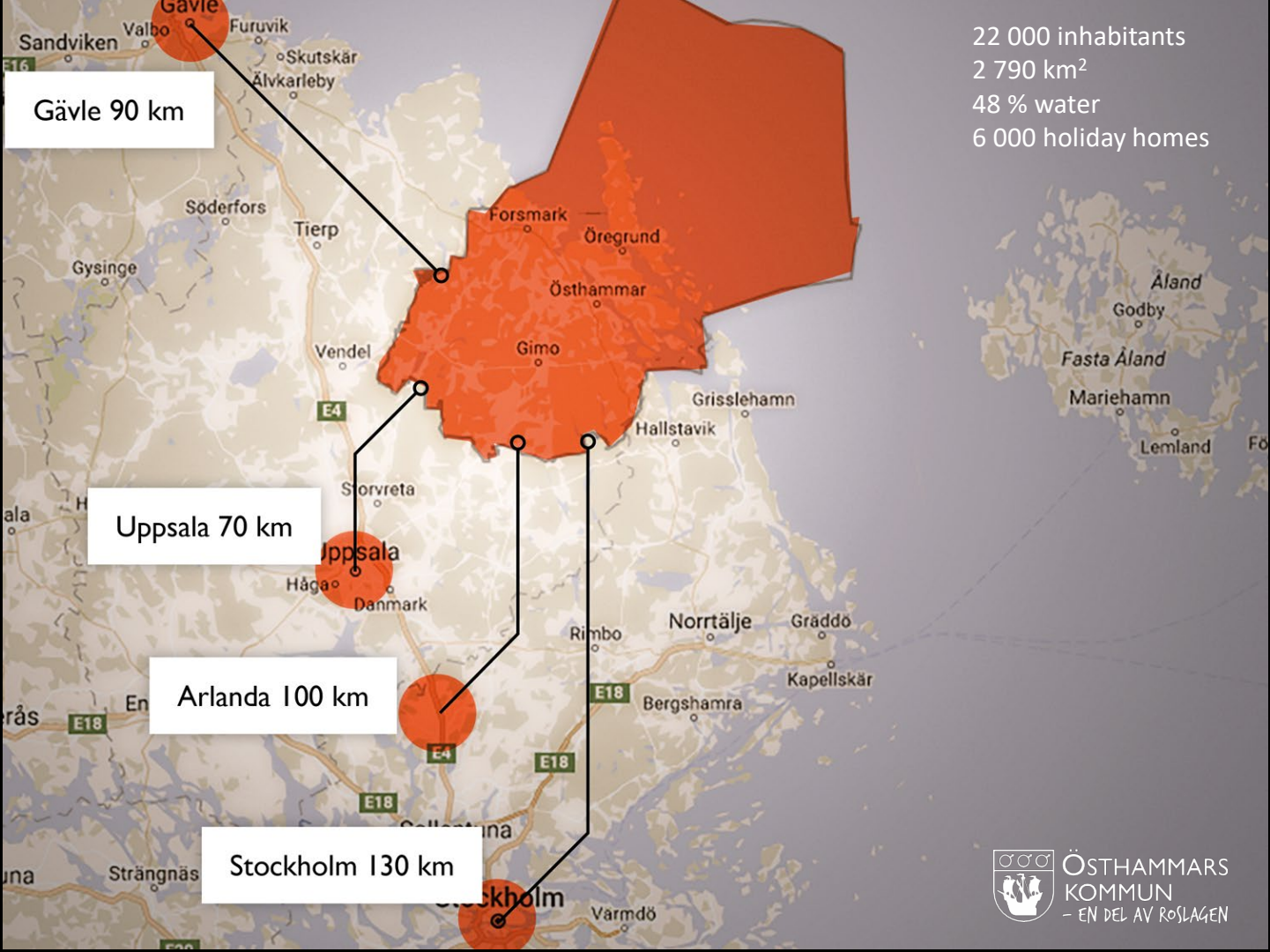
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Municipality of Östhammar

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Municipality of Oskarshamn





Gävle 90 km

Uppsala 70 km

Arlanda 100 km

Stockholm 130 km

22 000 inhabitants
2 790 km²
48 % water
6 000 holiday homes

Oskarshamn Municipality



ÖSTHAMMARS
KOMMUN
- EN DEL AV ROSLAGEN



Oskarshamns
kommun

Oskarshamn:

Land: 1200 km²

Water: 1200 km²

Islands: 5 400

Inhabitants: 27.000



Strong industry

- Scania
- OKG = nuclear production
- SAFT= Ni Cd accumulators
- Others



- High income
- Well educated work force
- Economic engine for regional development

Nuclear facilities in the two municipalities

Oskarshamn

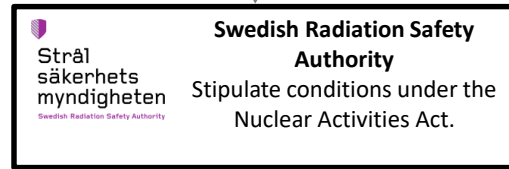
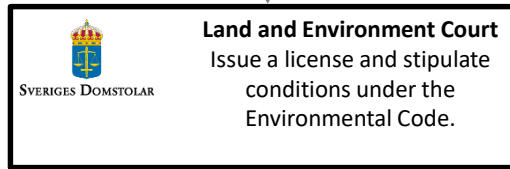
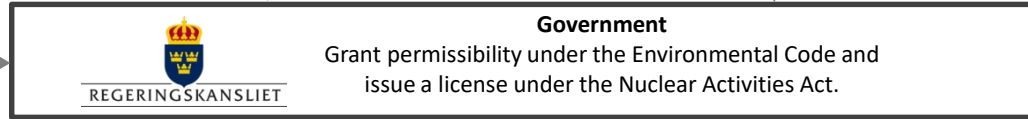
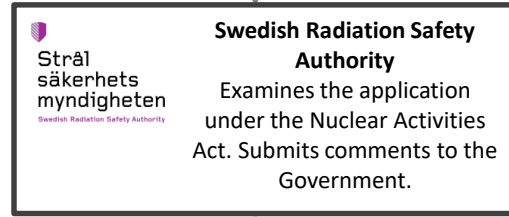
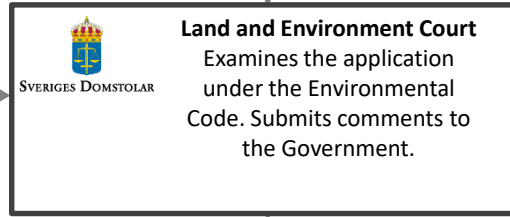
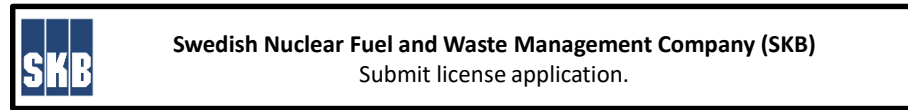
- Nuclear power plants since 1972
- Interim storage for all Swedish spent nuclear fuel since 1985

Östhammar

- Nuclear power plants since 1980
- Final repository for low and intermediate level waste since 1988
- Forsmark chosen as site for the final repository for spent fuel in 2009

Radioactive waste

- the legal process in Sweden



Application circulated for comments to for example the municipalities of Östhammar and Oskarshamn, non-governmental organizations, universities and authorities.

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ÖSTHAMMARS KOMMUN
- EN DEL AV ROSLAGEN
Östhammar municipality
The municipality can say yes or no to the repository for spent fuel.

Oskarshamns kommun
Oskarshamn municipality
The municipality can say yes or no to the encapsulation plant.

The environmental courts statement

- Important question for the trial according to the environmental law
- Measures will be needed
- Further investigations are needed
- Should be dealt with in the forthcoming trial
- Trial period might be needed

The municipalities statements

“SKB should keep the question of preserving memory and information after closure updated and alive during the operational phase and at regular intervals report the development of technics and strategies to the regulators.”

Statement made by Östhammar municipality in the court 2017

Remediation needed at > 80 000 sites

- Polluted soil and water-bodies
- Remediation → long term storage in landfills for hazardous waste
- Example; Oskarshamn Harbour 500 000 m³ strongly polluted material
- Sored until the next ice age? How preserve memory?