

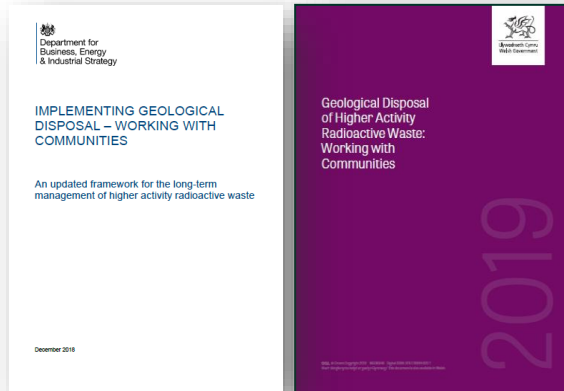


Geological Disposal Facility (GDF)

Guy Esnouf

UK government policy: GDF requires Community Consent

Working with Communities Policy is a consent based process



A GDF will only be built where there is both a suitable site and a willing community.

We have set out Community Guidance and How We Will Evaluate Sites



We have proactively engaged on how we will operate and the processes we will use

Siting process: willing community and suitable site



We currently have four community partnerships



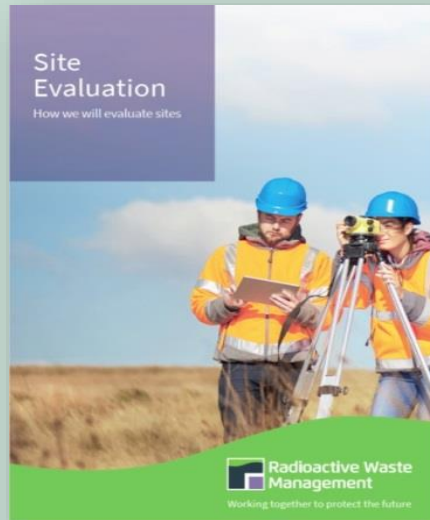
Focus is on inshore GDF, under sea, accessed from land



- Cumbria – location of Sellafield
- Nuclear communities
- Coastal sites
- Focus is mudstone geology inshore

- Community Partnership June 2022
- Coastal, specific brownfield site
- Non-nuclear community
- Focus is claystone geology inshore

Suitable site: we will evaluate potential sites and use that evidence to select suitable sites for a GDF



The Six Siting Factors



Safety and Security



Community



Engineering Feasibility



Environment



Transport

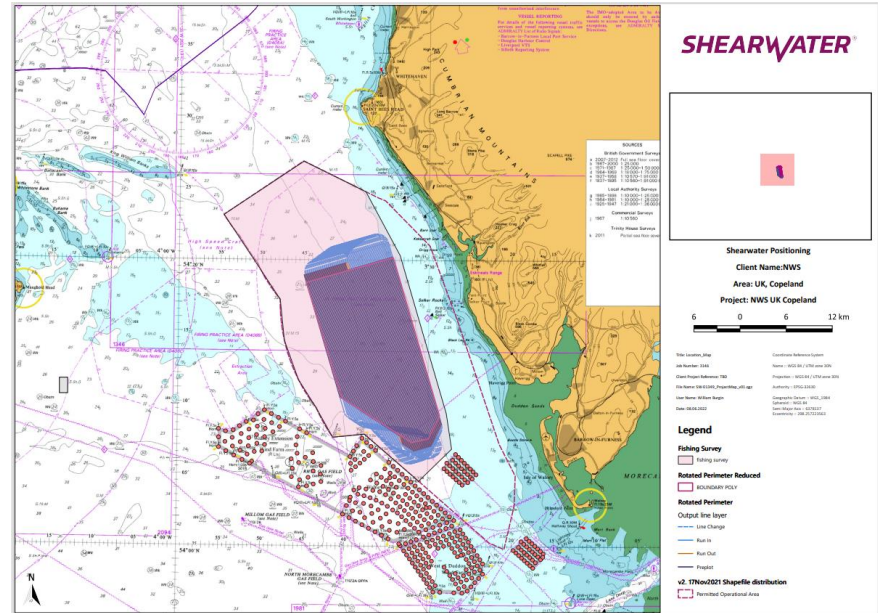


Value for Money

The Copeland seismic survey will provide better information about location and quality of the geology



SW Bly survey vessel and GDF seismics project team.



Map showing seismic survey area (purple) off coast of Copeland, UK.

Illustrative GDF layout (Inshore version)



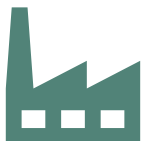
The GDF will provide thousands of long term jobs for the host community – *non-site specific version*

4,000 

Major jobs created

175^{years} 

Jobs for generations

Local 

Jobs locally based

75% 

Wide range of skills

Train 

Support for local community