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nuclear legacy advisory forum

Redevelopment of nuclear sites – experiences from the UK

Delivering the best outcomes for nuclear communities.

Presentation to GMF Europe, October 2026

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17
nuclear sites across the UK

19,000
employees across the group

946
hectares of designated land on nuclear licensed sites

800+
buildings to be demolished



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Dounreay



Dounreay: History and context

- Experimental reactor site – fast breeder technology
- Opened in 1955 – Three reactors, reprocessing, LLW disposal. Closed in 1994.
- Brought huge social change to a remote area.
- Shaft explosion 1977 – contamination.
- Site was due to have reached end state by 2030s – now 2070s?
- Vulcan submarine reactor site next door – taken over by NDA?



Nuclear and Caithness Archive



Scrabster Harbour redevelopment

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Trawsfynydd



Trawsfynydd: History and context

- Opened in 1965
- Two Magnox units generating 470MW – operated until 1991
- 'Dual use' – Plutonium for weapons
- Only inland station in the UK
- Located in Snowdonia/Eryri National Park
- Cultural heritage – 80% Welsh speakers
- One of two former nuclear sites in N. Wales – the other (Wylfa) is the site of the UK's first SMRs.







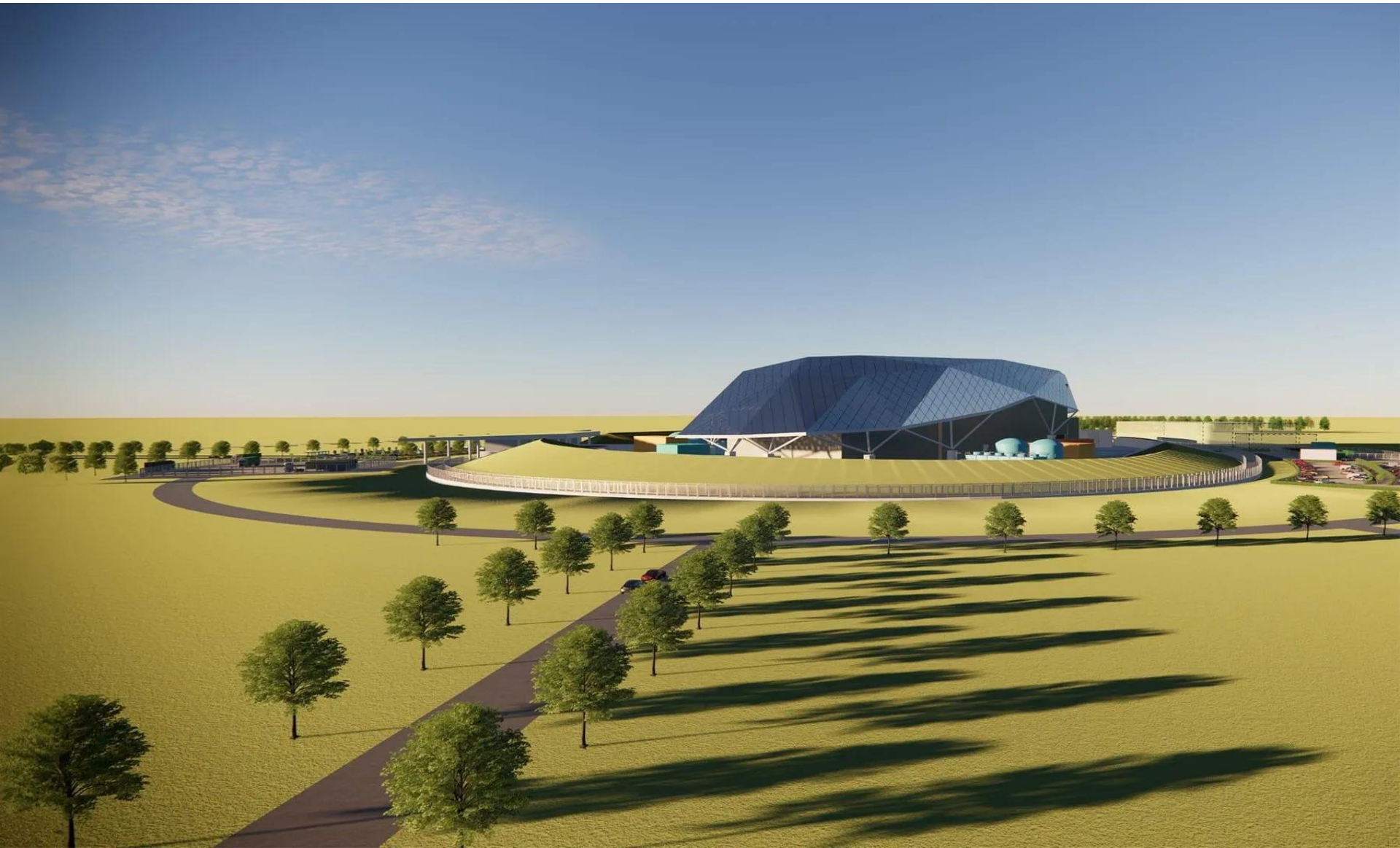
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Trawsfynydd: Redevelopment

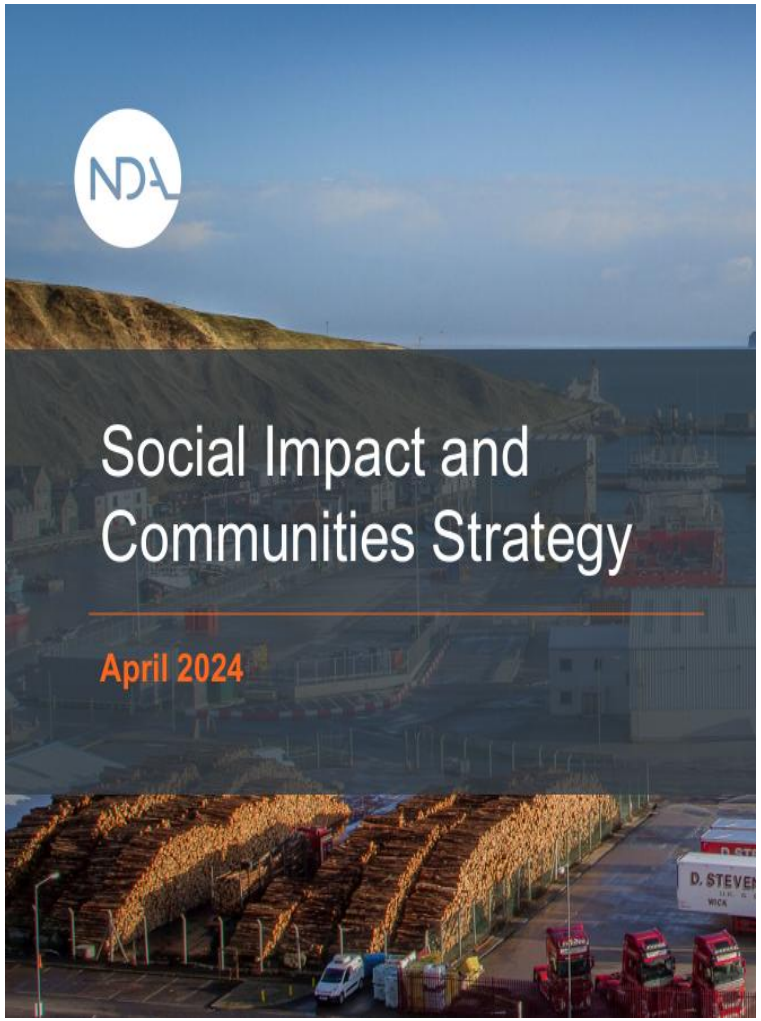
- NDA 'Lead and Learn' site moving ahead with new decommissioning techniques
- Reactor height reduction project (2025) - £70 million
- End state – 2050s?
- Was the lead site in the UK for SMRs: **Cwmni Egino** established as development company
- **Project ARTHUR** £400 Million medical isotopes plant - has stalled.
- Now **Innovation, Business and Skills Centre** - £20 million for low carbon energy, AI, high tech

Regional nuclear cluster



Key questions

- Overall NDA funding limited – impact on timeline for decommissioning.
- New techniques – e.g. in situ disposal – but requires engagement.
- Need masterplans and partnership to drive forward clean up and repurposing.
- If delay to decom, then what opportunities for interim uses?
- NDA estate expanding – but socio-economic funding not keeping pace.
- How do we maximise the wider spend on the supply chain? Cluster effect e.g. North Wales



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Thank you

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