



 **Dounreay**

DSG presentation

23 March 2022

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A year of change

A period of change:

- PBO contract ceased
- Joined NDA Group
- New executive team in place
- Dounreay joining with Magnox
 - Nothing changes with regard Dounreay organisation structure because of the joining
 - Fit for Future initiated that will change us from within
 - Dounreay and Magnox will join a new entity (working title One Co)
 - The combined license is held by One Co. (but because of the way these things work will be under the licence and permits registered to Magnox)

Life Time Plan development:

- Life Time Plan on schedule
 - At a high level, LTP is not complex,
 - Only 3 main programmes
 - Waste interaction causes a certain level of complexity
- Governance to go through to finalise LTP
 - DSRL Board approval by April 2023
 - Final approvals by externals by April 2024

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Strategy

We have a published strategy

- This creates the framework for the LTP and links into NDA strategy (strategy 4)

Why is this important?

- Its principles lead to the plan
- Once strategy is set, little room to change plan
 - All that is left is the uncertainties and risk appetite

The strategy provides more certainty and is a different way of working

- Will encompass the four pillars of sustainability (environment, economics, culture and society)
- Being built into the updated project governance process that will go live in April 2022
- Would welcome comments from DSG sub groups

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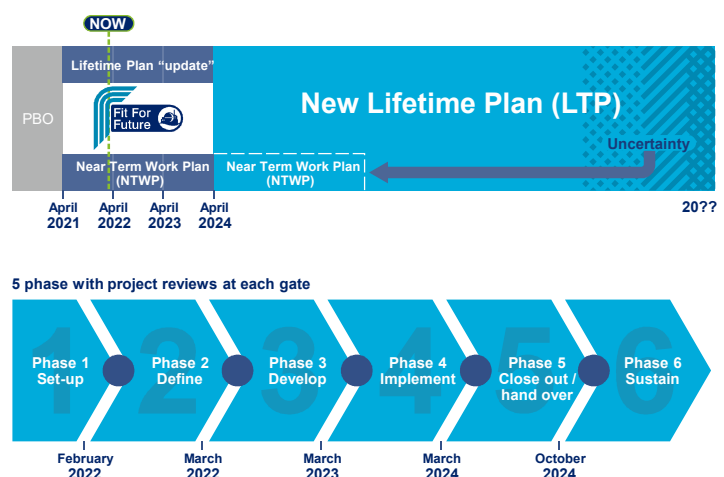
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Changing ourselves – the next steps

Fit for Future programme

- **Programmed approach**
 - Each programme fully resourced from within i.e. not a complex company wide matrix arrangement
 - Ensures quality and safety is built in
 - It will deliver safer and ensure more certain delivery
 - Should lead to reduced costs
- **Basically running three programmes**
 - Reactors, Fuel Cycle Area and Balance of site
 - Integrated into one plan
 - William Lindsay leading with resource from across site to support various workstreams



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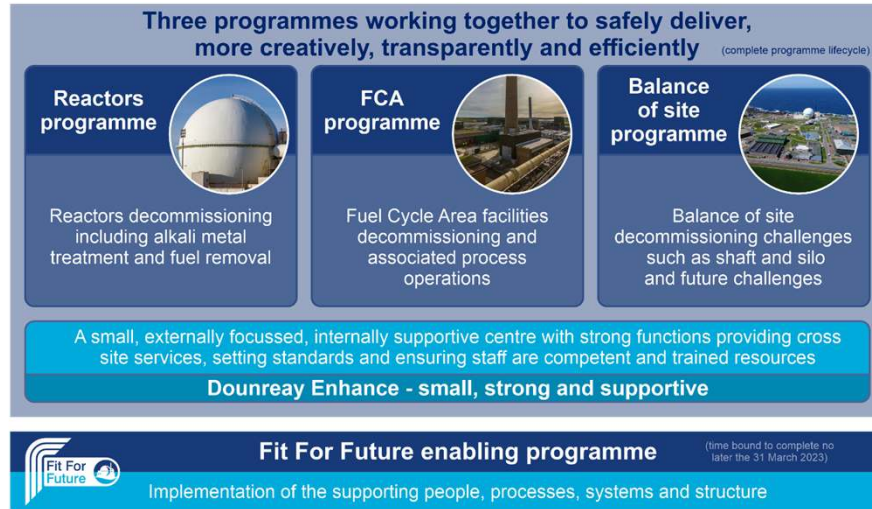
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Fit For Future



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The Near Term Work Plan

Developed three year plan (NTWP)

- This is the first three years of work under the new Life Time Plan
- This programme is much more certain
- Provides clarity to the workforce on delivering the near term mission

Our delivery focus to deliver the mission for the next three years

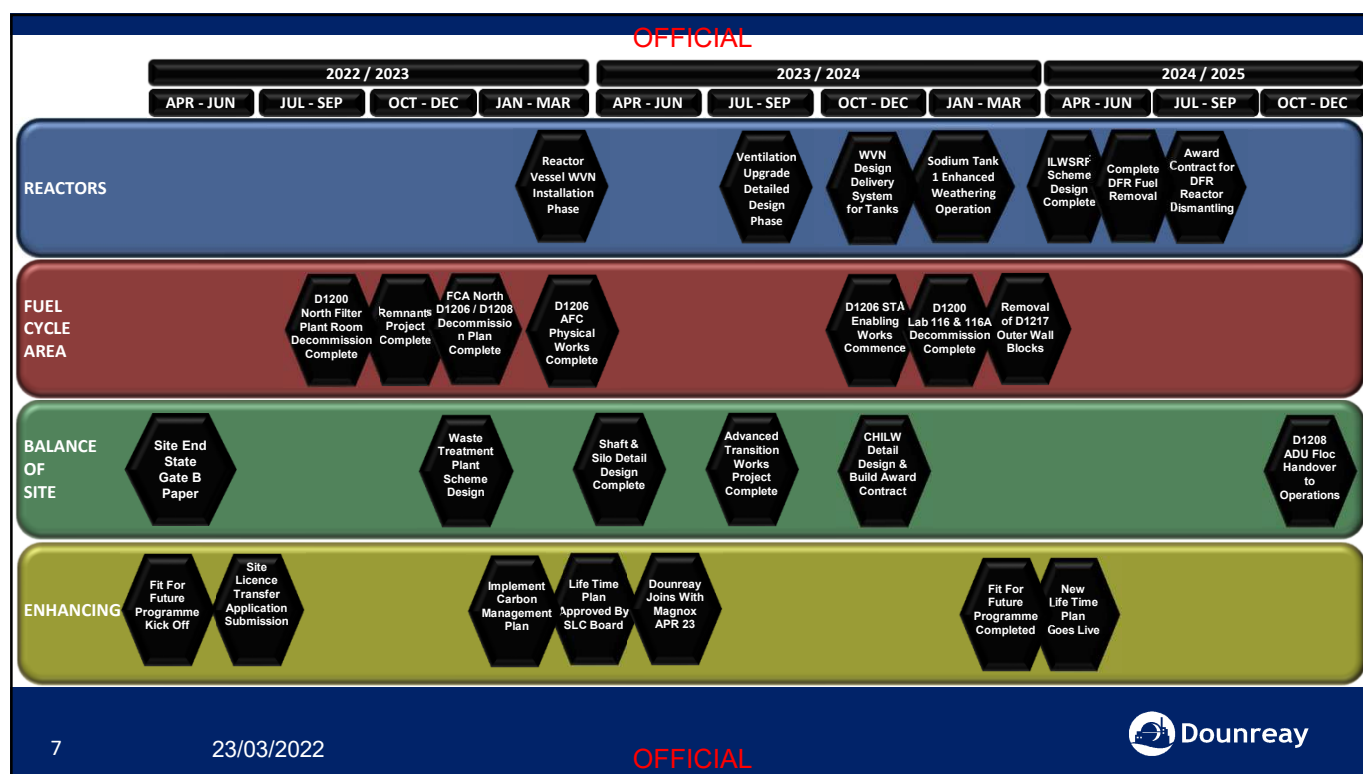
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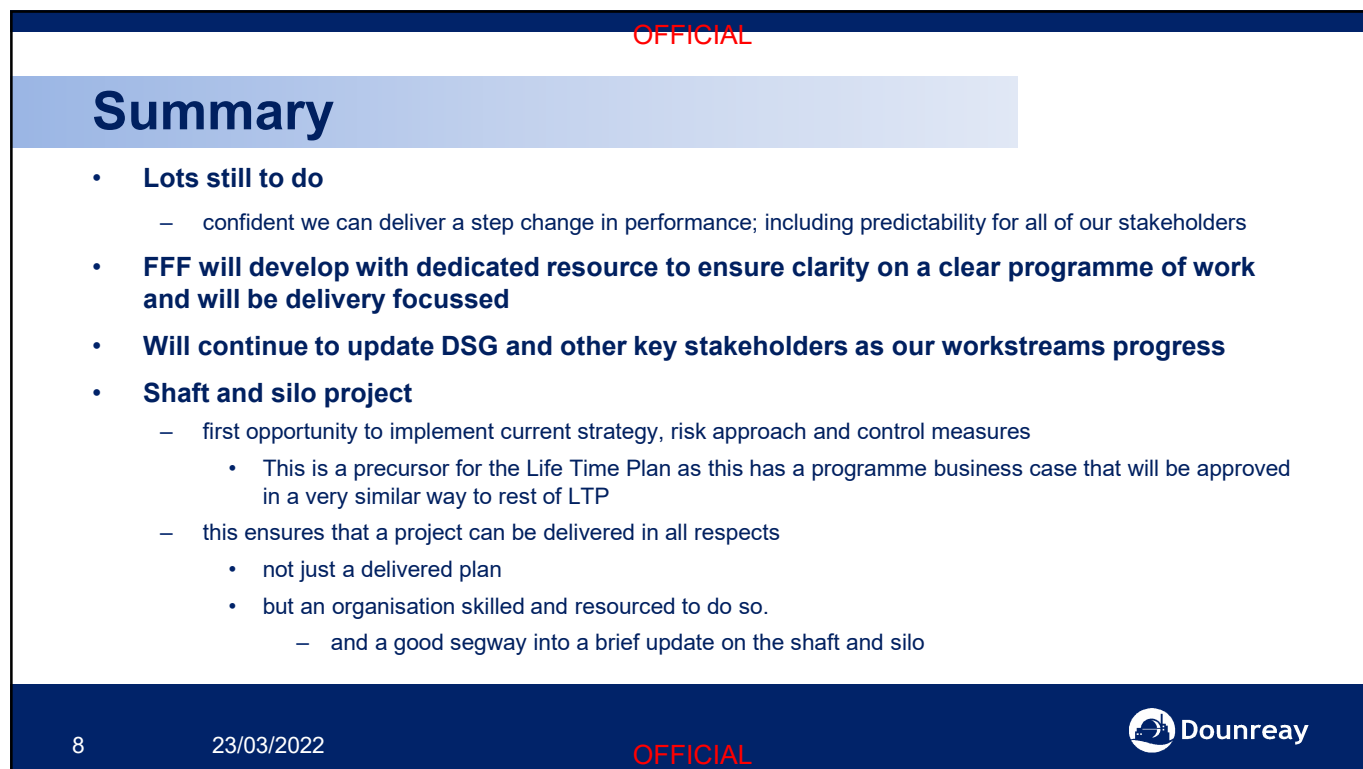
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The Wet Silo

Key Facts:

- 9m Deep
- 720m³ Capacity
- Constructed 1971
- Operations 1971-1998
- Retrieval agreed 1998
- Crane removed 2007

Contents:

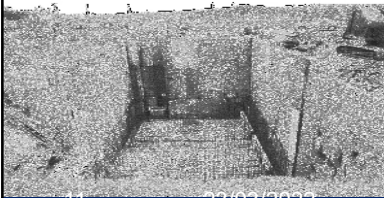
- 446m³ Solid waste
- 34m³ Sludge waste

Shielded
Roof Valve

Service Duct

Partition Wall

Reinforced Concrete Wall

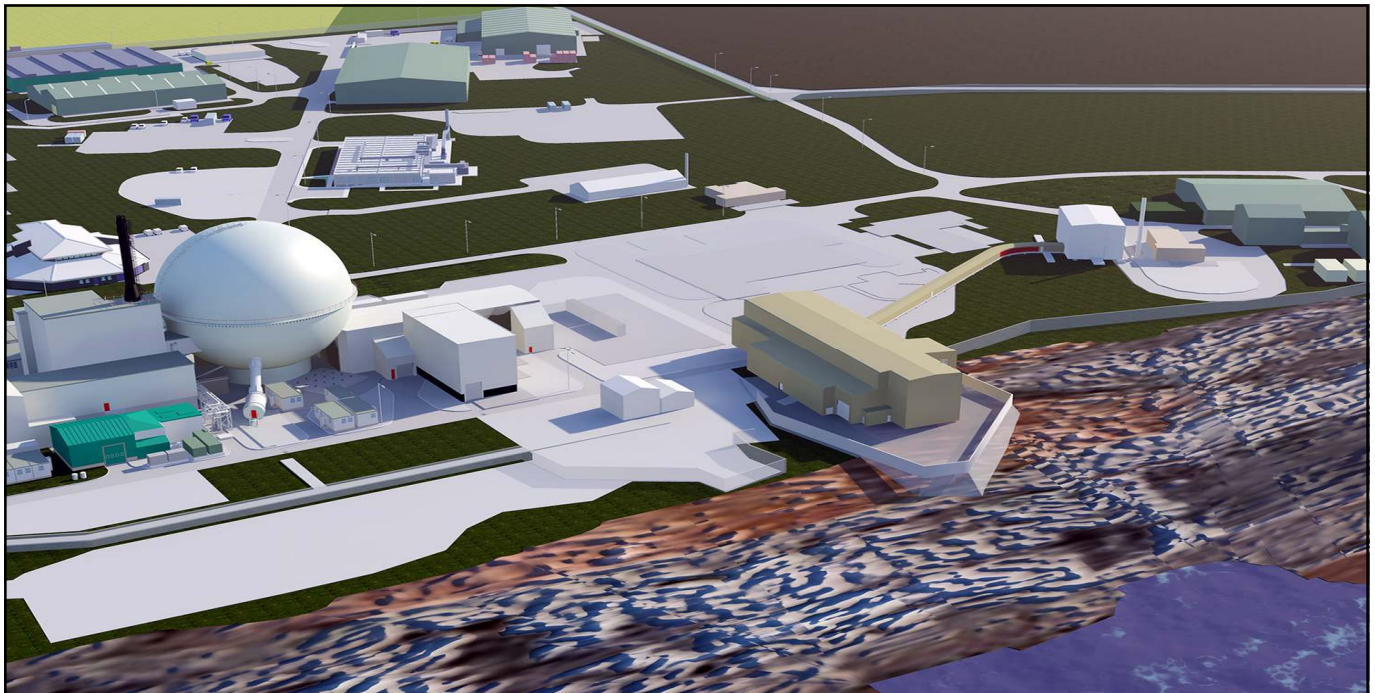


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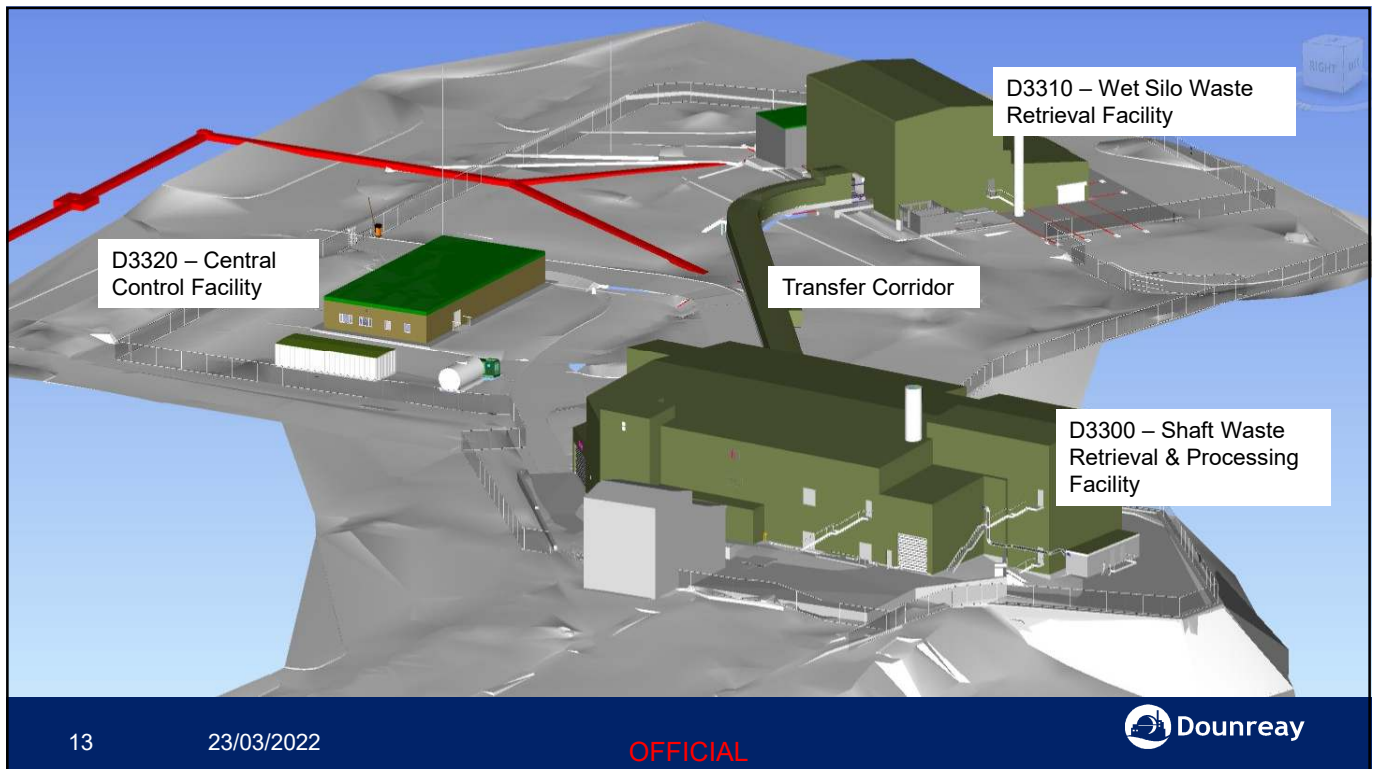


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Shaft & Silo Decommissioning Project Scope

Objectives

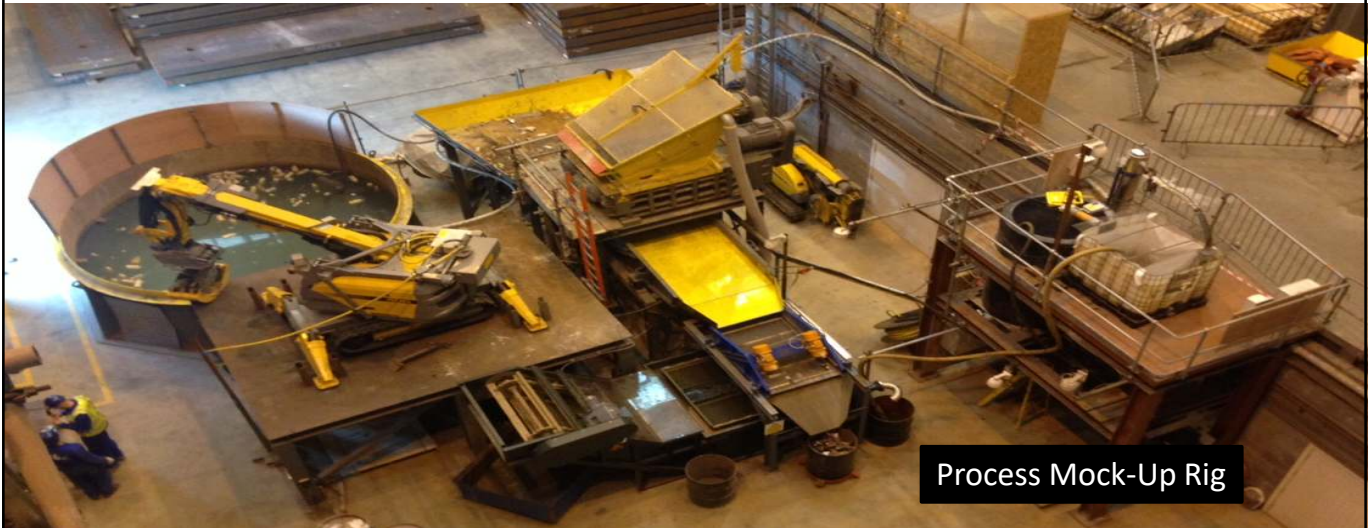
- Retrieve, condition & package waste from the Shaft & Wet Silo suitable for long-term storage
 - Design & Build
 - Inactive & Active Commissioning
 - Operations (& maintenance)
 - POCO / decommissioning

3D rendering of the Shaft & Silo Decommissioning Project site. The image shows a large, green, multi-story building labeled "Shaft Retrieval & Processing Facility". To its left is a smaller, brown building labeled "Silo Retrieval Facility". A red line, labeled "Transfer Corridor", runs across the site. To the left of the main building is another green building labeled "Effluent Treatment Plant". The site is surrounded by a grey, rocky terrain. The bottom of the image features a blue banner with the text "14 23/03/2022 OFFICIAL" and the Dounreay logo.

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Test & Development Work



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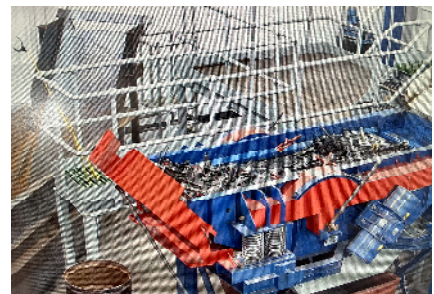


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Test & Development Work

- Screening
- Sludge metering
- Oils/floaters
- Sludge mixing
- Wash-out
- Grey water filtration
- Drum lifting
- Compaction



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