

Sellafield Ltd Overview

We are creating a clean and safe environment for future generations



17 September 2024

What we do

Our people

11,000+

We have 11,033 employees (full-time equivalents)

40 YEARS

We have had our current dedicated training centre at Sellafield for nearly 40 years

10,500+

We have trained more than 10,500 apprentices over the last 67 years

~42,800

We have approximately 42,800 supply chain people supporting us

Budget

£2BN+

We manage an annual budget of more than **£2bn** every year

Projects

£7.5BN

We have a **£7.5bn** capital programme over the next 20 years

£50m

~25 projects over **£50m**

Environmental

111km

111 km of drainage pipework on site – same as the distance from Whitehaven to Kendal

22

22 separate monitoring units around our site perimeter that continuously sample aerial readings

Waste

~1,500m³

~1,500m³ of **high level waste** to be disposed to the GDF/exported (packaged volume)

~350,000m³

~350,000m³ of **intermediate level waste** to be disposed to the GDF (packaged volume)

~450,000m³

~450,000m³ of raw future arisings of **low level waste**

~2,750,000m³

~2,750,000m³ of raw future arisings of **very low level waste**

General

2 square miles

Size of the Sellafield site: **2 square miles**

200+

200+ of the buildings are **nuclear facilities** and Sellafield is home to **4 of the biggest nuclear risks and hazards** in Europe

1,300

Number of buildings on site: **1,300**

Locations

Sellafield and Warrington are our two main locations

70+ years

the site has been operating for **70+ years** and has **100+ years of work ahead of it**

Supply Chain

£1.26bn

We spend approx. **£1.26bn** each year, **64%** of our total budget in our supply chain

~£300m

We spend **£300m** each year with small and medium enterprises (SMEs)

£15.25bn

Value of our **Contract Portfolio: £15.25bn**

£350m

We spend more than **£350 million** every year on major projects, constructing the buildings that we need in order to empty and demolish old facilities

953

Current vendors: **953**

Infrastructure

70+

More than **70** substations on site

40km

40km of road and tracks on site

100km

100km of pipework for water supplies, on/off site

1,750m³

1,750m³ of sewage effluent processed every day

120km

120km of high voltage cable

1,000

1,000 shipments in/out of site each year

19km

19km of steam mains

2,500m³

2,500m³ domestic water supplied per day

Our objectives 2020-2025



Our work at Sellafield

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1940s

2120s

Munitions Factory

Atomic Defence

Electricity Production

Reprocessing

Waste Management & Environmental Remediation

- WINDSCALE
- PILE FUEL STORAGE POND
- PILE FUEL CLADDING SILO

- WAGR
- CALDER HALL
- FIRST GENERATION MAGNOX STORAGE POND
- MAGNOX SWarf STORAGE SILOS

- MAGNOX REPROCESSING
- THORP
- FUEL HANDLING PLANT
- HIGH LEVEL WASTE PLANT

- SPECIAL NUCLEAR MATERIAL STORES/TREATMENT
- WASTE TREATMENT & STORAGE

What we do

SUPPORT TO NDA GROUP

1 VALUE STREAMS

2 NUCLEAR MATERIAL MANAGEMENT & SITE OPERATIONS

3 MAJOR PROJECTS



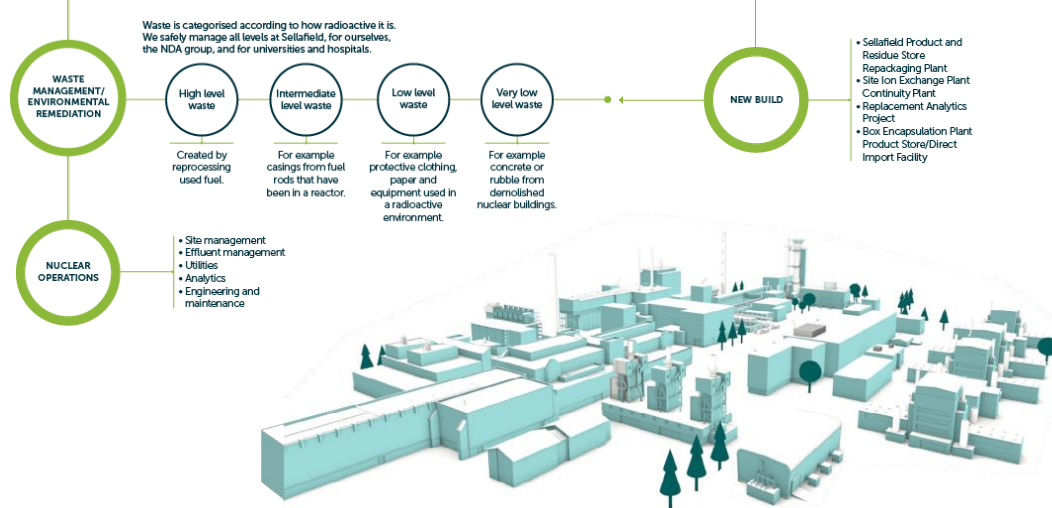
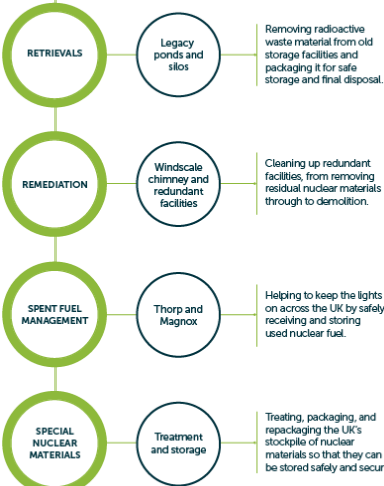
MAGNOX



EDF ENERGY



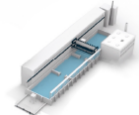
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AN ENTERPRISE APPROACH: Each activity relies on or supports another activity. For example...

1 PREPARE FOR RETRIEVALS

Retrieving waste from legacy ponds and silos relies on the availability of...



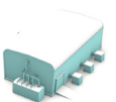
2 DESIGN AND MANUFACTURE 3M³ CONTAINED BOXES

...high quality, purpose built waste containers and transport flasks. In turn, those flasks require...



3 NEW TREATMENT AND STORAGE FACILITIES

...facilities that can receive, store and maintain the filled boxes.



Social Impact

- We aim to create:
 - **Permanent, positive, significant change for communities through deliberate activities.**
- Social Impact is NOT:
 - reacting to or fixing immediate problems,
 - cherry picking single issues, or
 - pursuing short term activities that fail to address root causes.
- The Sellafield Ltd social impact team is responsible for:
 - Delivering strategic interventions through a dedicated annual social impact budget (~£10m)
 - Ensuring our organisational business decisions and activities maximise social value
 - Maximising social value from supply chain spend (procurement, collaboration).

