

Decom Futures NDA Business Planning and Strategy

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About NDA

In 2005, the Nuclear Decommissioning Authority (NDA) was formed as a public body to clean up the UK's earliest nuclear sites (some from the 1950s) safely, securely and cost effectively.

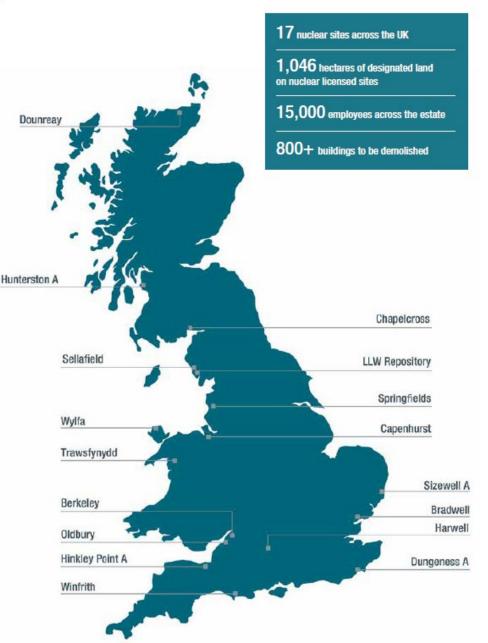
Our clean-up mission covers 17 sites throughout England, Scotland and Wales.

Current estimates are that it will take ~120 years and cost £130bn (within a range from £115bn to £245bn, reflecting the inherent uncertainty of much of what we have to do)

We also have a range of additional functions including supply chain development, research and development, skills, socio-economic support for local communities, and stakeholder engagement.

We are also responsible for implementing geological disposal

Our Estate



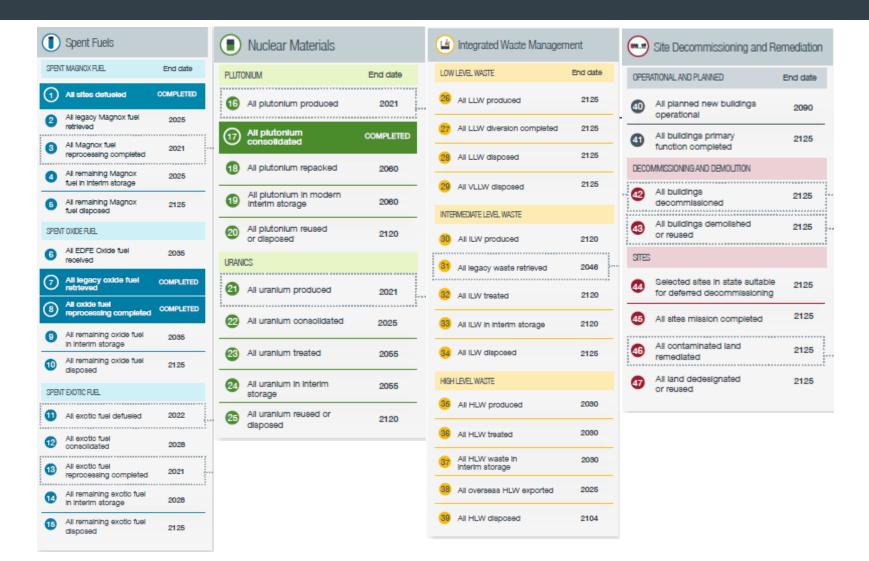
NDA Strategy

- Strategy development is a structured continuous optimisation approach to develop a range of policy, strategy, innovation and technology interventions to enhance mission delivery
- We are required to review and publish our Strategy at least every 5 years, including publicly consulting with stakeholders
- We have just concluded out latest consultation where we presented the overall challenges we face and our proposed approach to improve delivery of our strategic outcomes, and actions we are planning to take
- Our work is grouped under four driving Strategic themes and a critical enablers supporting theme:
 - Spent Fuels
 - Nuclear Materials
 - Integrated Waste Management
 - Site Decommissioning & Remediation
 - Critical enablers (R&D, Socio Economics etc)
- The series of 47 strategic outcomes, highlighted in our Mission Progress Report, use the themes to demonstrate progress against completion of our overall mission



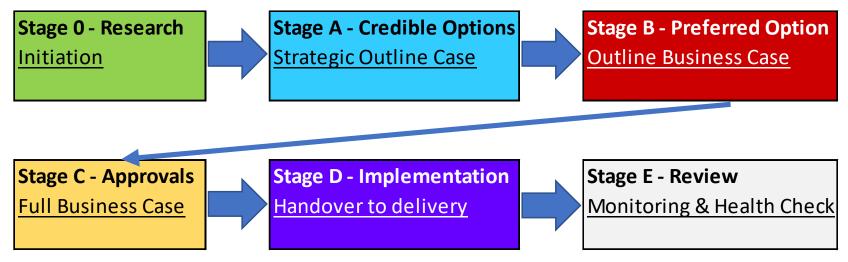


NDA Strategic Outcomes



To develop the Strategy we use a gated process – the NDA Strategy Management System (SMS)

- SMS ensures a robust & coherent strategy and provides underpinning for strategic decisions
- Designed to be flexible enough to allow us to respond to strategic needs and prescriptive enough to manage the effects of internal and external influences
- The SMS process is based on a Business Case approach using criteria from our Value Framework (Safety, Environment, cost, social impact etc.) which aligns with requirements set out in the Treasury Green Book



- Strategy flows down to the implementing businesses / sites through a Strategic Outcome Specification (the outcomes we want the site to achieve)
- The sites build plans showing how they will deliver the required Strategic Outcomes
- The strategy can (and will) change as we progress through our mission and understand more about the challenges of decommissioning the sites and implement new ideas and approaches

Example of evolving strategy – Magnox decommissioning

- The previous strategy for decommissioning Magnox reactor sites was developed over 30 years ago and involved deferring reactor decommissioning at all sites for approximately 85 years from reactor shutdown
- In 2016, we committed to reviewing this strategy with Magnox Limited to take account of new experience and developments in the decommissioning landscape
- We concluded that the deferred decommissioning strategy is not appropriate as a blanket strategy for all reactors in the Magnox fleet, instead endorsing a site-specific approach to Magnox reactor decommissioning which will involve a mix of decommissioning strategies.

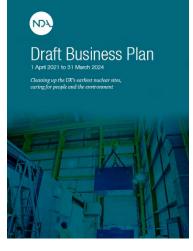
1. Current - Care & Maint	enance (C	&IVI) Strategy										
	Site 1	Operate		Ca	re & Maint	enance ph	ase / long	term defe	rral	 Final	site cleara	nce
	Site 2	Operate	>	Ca	ro & Maint	enance ph	ase / long	term defe	ral	Final	site cleara	nce
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	Site 3	Operate		Ca	re & Maint	enance ph	ase / long	term defe	rral	 Final	site cleara	nce
. Revised - Continuous I	ecommiss	sioning Strategy	y - Lead ar	id Learn - i	ndividual	site strate	gies driven	by risk				
	Site 1	Operate	>	Fina	l site clear	ance						
	Site 2	Operate		Interim	deferral	>	Fina	l site clear	ance			

• We are therefore in the process of changing the Strategic Outcome Specification for the Magnox sites so that we can test the revised strategy – one lead site proposed

NDA Business Plan

We are required to prepare annually and publicly consult on a high level Business Plan, to include:

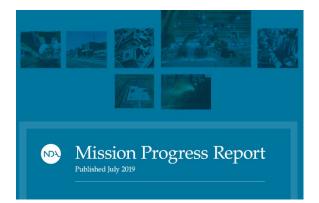
- $\circ\,$ A summary of the work intended to be carried out
- An estimate of the expenditure expected to be incurred
- Open for consultation now until mid February
- Final version to be published annually by the end of March
- We aim to show a "golden thread" of activities linked to the 47 Strategic outcomes

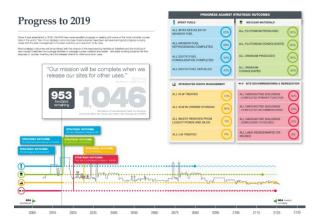




Mission Progress Report

- In 2019 we introduced a new approach to reporting progress against our mission
- We focused on the four themes we outline in our strategy that are common across all sites and enable us to measure our achievements
- Working with our businesses and key stakeholders, we generated this report which demonstrates how far we have travelled since 2005, and how much more there is left to go over the next 120-plus years





Our key documents

NDA Strategy

Describes how we will deliver our mission, ensuring that the UK's nuclear legacy sites are decommissioned and cleaned up safely, securely, cost-effectively and in ways that protect people and the environment.

Energy Act requirement - Covers 100+ years -Published every 5 years - Public consultation of 12 weeks

NDA Mission Progress Report

Provides our stakeholders with a clear and concise story of NDA mission progress since 2005, that demonstrates delivery of our strategic themes and outcomes as explained in this Strategy.

Covers 100+ years - Published every year

NDA Business Plan

Describes key activities across the group over the next 3 years that align to our strategic outcomes and details the funding available for the next year.

Energy Act requirement - Covers 3 years (first year in more detail) - Published every year - Public consultation of 8 weeks

Mid Year Performance Report

Provides a progress update against Business Plan activities and incorporates the NDA group targets.

Covers 6 months - Published every year

Annual Report and Accounts

Describes achievements and spending. Reports against Business Plan activities and contains an overall progress update against our mission.

Energy Act requirement - Covers 1 year - Published every year



Making a difference

