

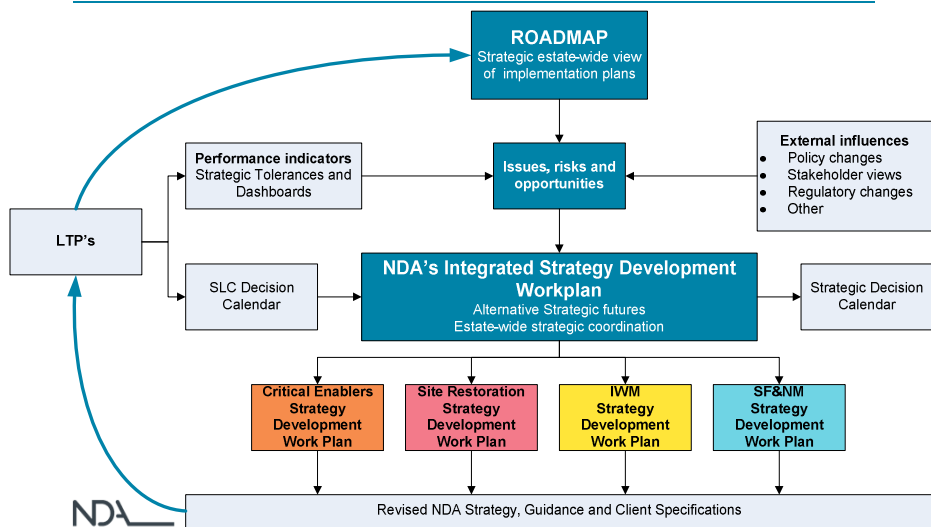
Site Restoration Strategy Development

Nuclear Legacy Advisory Forum Steering Group
21 January 2014

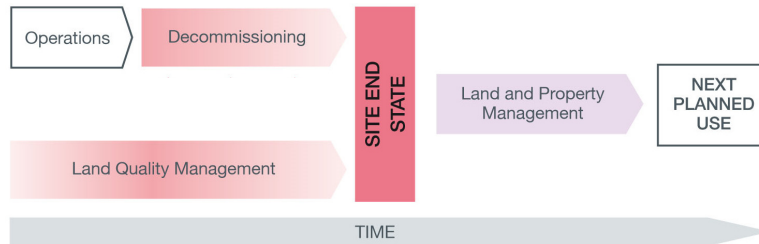
Dr Anna Clark, Head of Site Restoration



Strategy development cycle

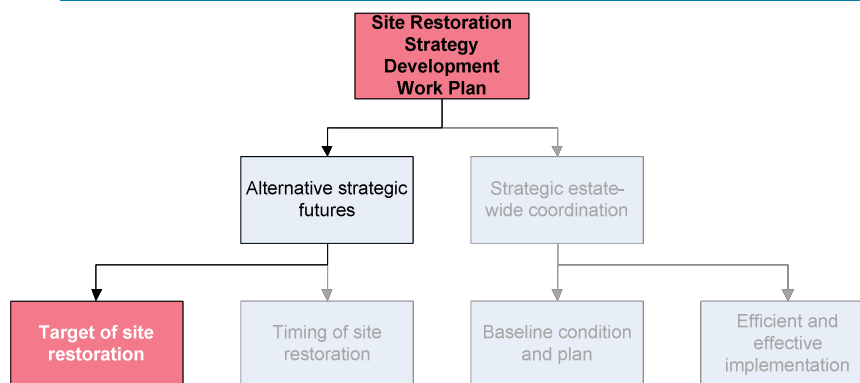


Scope of NDA Site Restoration Strategy

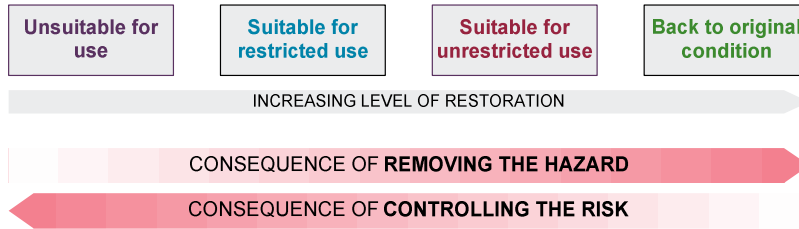


- **Key strategic questions:**
 - **Target** of site restoration
 - **Timing** of site restoration

Areas of Site Restoration strategy development

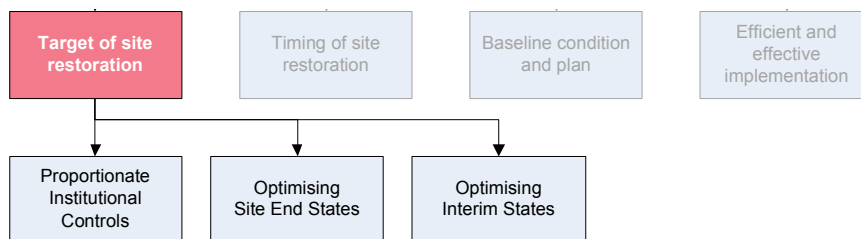


Target of Site Restoration



- Preferred option expressed in NDA Strategy:
 - “balance the benefits and detriments of restoration”
 - “restore our sites to a condition suitable for their next planned use”

Target of Site Restoration



Target of Site Restoration: Proportionate institutional controls

Desired outcomes

- **Clarity around regulatory controls and management arrangements that apply throughout site restoration journey**
- **Institutional controls are flexible and proportionate to residual risk**

Key activities and deliverables

- **Forward plan for delivering proposals to RSPG (Radioactive Substances Policy Group)**
- **Options for safeguarding controls on land use**

Target of Site Restoration: Optimising Site End States

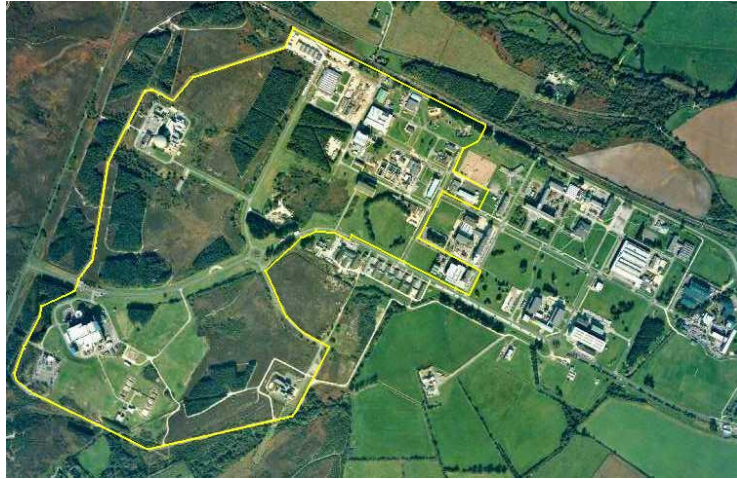
Desired outcomes

- **Site End States balance the benefits and detriments of site restoration**
 - Protect people and the environment, provide value for money and facilitate the release of our sites for other uses

Key activities and deliverables

- **Strategic guidance on optimising Site End States**
- **Position on managing land with no commercial value**
 - Management and ownership options for NDA sites
- **Credible options for next use of NDA sites**

Target for restoration of Winfrith site



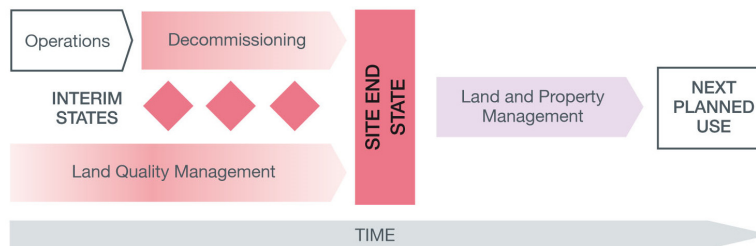
NDA

9

Target of Site Restoration: Optimising Interim States

Desired outcomes

- Clarity on purpose of defining interim states
- Clarity on what is required before a site or facility enters a period of quiescence



NDA

10

Target of Site Restoration: Optimising Interim States

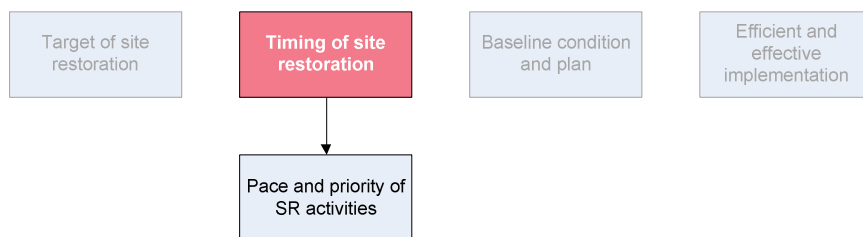
Desired outcomes

- Clarity on purpose of defining interim states
- Clarity on what is required before a site or facility enters a period of quiescence

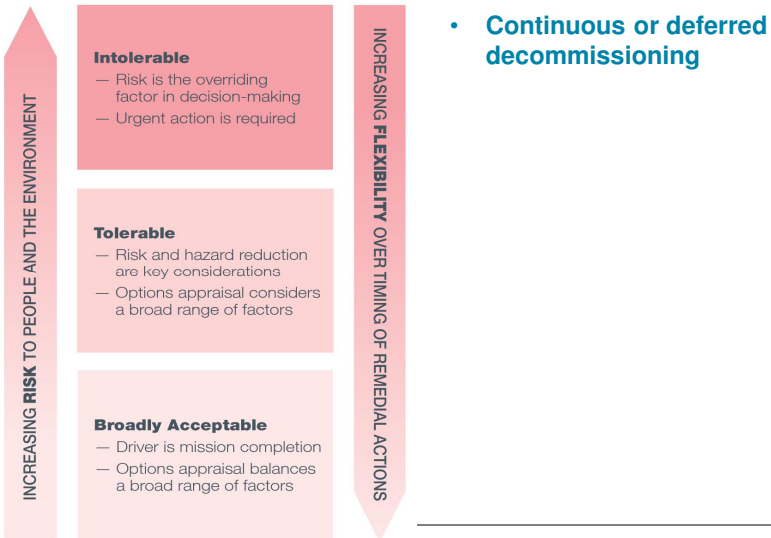
Key activities and deliverables

- Strategic guidance on the role of interim states
- Strategic guidance on interim states applicable to deferred decommissioning
 - Option of interim use

Timing of site restoration



Timing of site restoration: Pace and priority



13

Timing of site restoration: Pace and priority

Desired outcomes

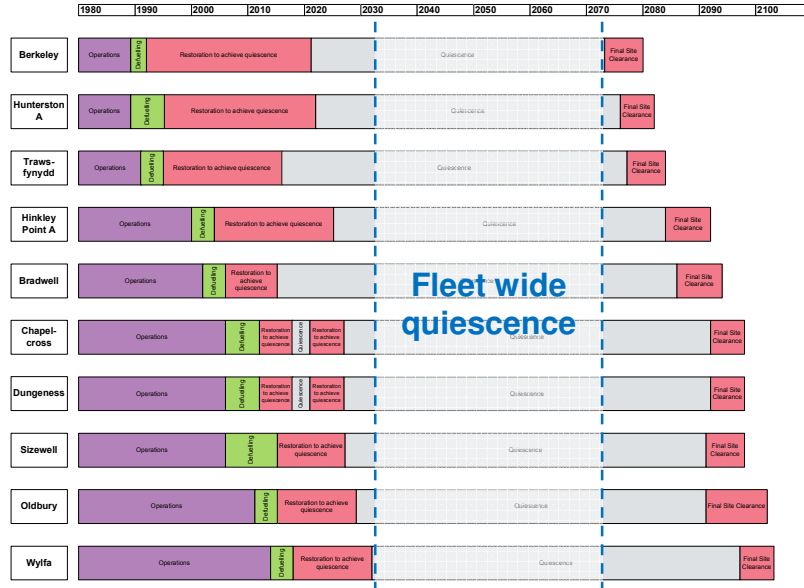
- **Site restoration projects are undertaken at the optimum time**
 - Pace and priority protects people and the environment, provides value for money and facilitates the release of our sites for reuse

Key activities and deliverables

- **Strategic guidance on pace and priority of site restoration**
 - Factors that influence pace and priority
 - Strategic tolerances for each factor
- **Optimum time to dismantle Magnox reactors**
 - NDA perspective based on information available today
 - Informs strategic review to be undertaken by SLC over next 2 years
 - Work is part of strategy development, *i.e.* there is no intention yet to change SLC's baseline plan

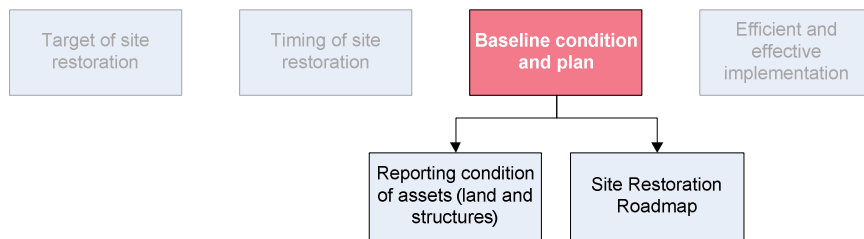
14

Pace of restoration for Magnox fleet Baseline (May 2012)



15

Baseline Condition and Plan: Site Restoration Roadmap



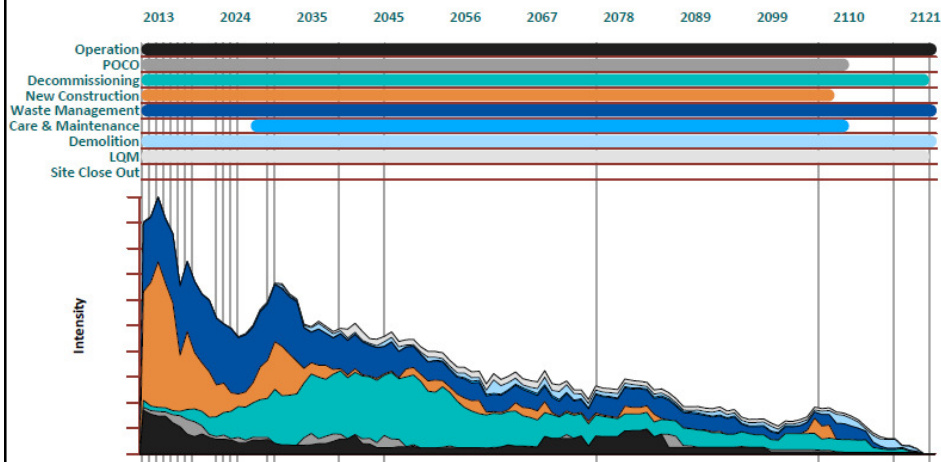
Baseline Condition and Plan: Site Restoration Roadmap

Desired outcomes

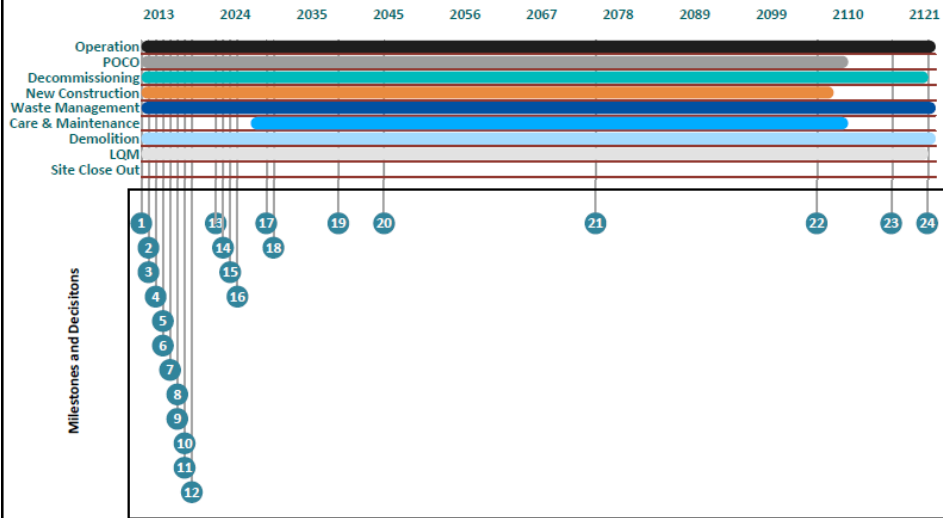
- Shared understanding of Lifetime Plans of NDA sites and overall estate that improves communications and strategic planning

Site Restoration Roadmap

- Intensity of work against specific activities over site lifetime



Site Restoration Roadmap



Baseline Condition and Plan: Site Restoration Roadmap

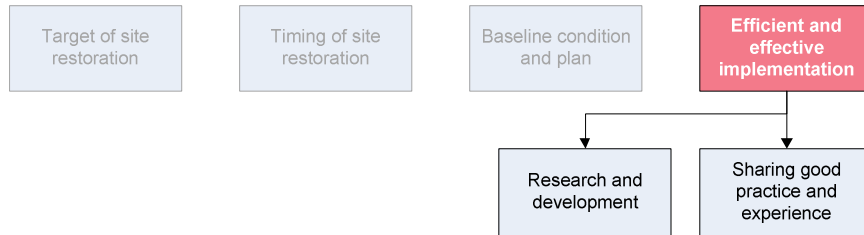
Desired outcomes

- Shared understanding of Lifetime Plans of NDA sites and overall estate that improves communications and strategic planning

Key activities and deliverables

- Draft roadmap for internal review
- Roadmap for wider dissemination and comment

Target of site restoration: Proportionate institutional controls



Summary of key activities of particular relevance to NuLeAF

- **Proportionate institutional controls**
 - Land use restrictions
- **Site End States**
 - Ownership and management options for sites with no commercial value
- **Interim States**
 - Interim uses
 - State of sites suitable for deferred decommissioning
- **Pace and priority of site restoration**
 - Relevant factors and strategic tolerances
 - Optimum time to dismantle Magnox reactors (still in strategy development space, no intention yet to change SLC's baseline plan)
- **Site Restoration Roadmap**