



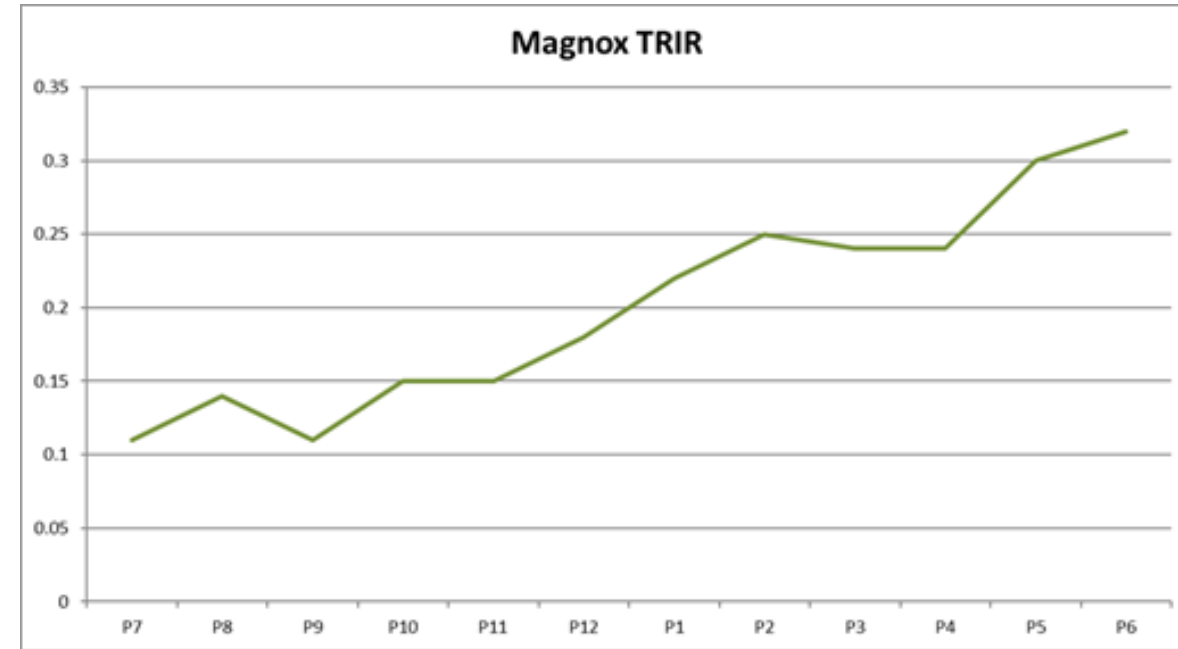
Magnox

NuLeAF meeting

8 December 2021

Safety update

- The most commonly recorded incidents are slips, trips and falls
- Followed by manual handling incidents
- Staff have been reminded of winter implications: dark mornings and evenings; and bad weather and driving conditions can pose serious safety risks
- We must continue to do all we can to ensure our workplaces are free from the Covid virus
- We also need to take account of our mental health



Update - waste

- Good progress with intermediate level waste retrievals (ILW)
- First package of ILW into Chapelcross interim storage facility
- Berkeley site exceeded its target by retrieving over 2.4 tonnes of intermediate level waste from the shielded area
- 6.1 tonnes of fuel element debris successfully retrieved from the reactor one fuel element debris vault at Hinkley
- 5 tonnes of low enriched uranium material sent from Harwell to Capenhurst



Update - decommissioning

- The land remediation of the Liquid Effluent Treatment Plant at Harwell to be completed by the end of the year
- Tanks size reduced and removed from the Active Effluent Treatment Plant at Trawsfynydd
- 420 tonnes of asbestos removed at Dungeness, the completion of a multi-million pound project



Update – reactor decommissioning

- Construction of the Dragon Reactor Core Segmentation Facility is nearing completion
- Core segmentation tooling being developed for decommissioning of the Steam Generated Heavy Water Reactor at Winfrith



Update – engineering and asset management

- Asset care – there are currently 188 work packs being delivered
- Work has begun to build a new accommodation block and canteen facilities at Oldbury to allow for the demolition of older facilities on site
- In August 2021 Magnox marked 1,000 days since Bradwell formally entered care and maintenance.



Forward look - decommissioning

- Large scale asbestos removal project of the floor area of the turbine hall at Wylfa. Continuation of asbestos removal at Hinkley, 5000m2 area remediated to date
- Complete remedial repairs on the reactor buildings at Hunterston
- A major skyline change at Sizewell with the demolition of the turbine hall
- At Oldbury we will continue to decommission the ponds



Forward look - waste

- First concrete box filled with ILW and in the interim storage facility at Berkeley
- The modular intermediate waste encapsulation facilities are progressing well at Hinkley, Berkeley and Chapelcross
- We are in the final stages of testing the plant integration of the new intermediate waste encapsulation plant at Hunterston



Forward look – engineering and asset management

- Sustainability – a team of professionals supported by the organisation, working in partnership with the NDA on our sustainability strategy
- Smarter working: Our mission is to enable smarter working practices that allow more freedom of choice for our employees to work where and when they feel most productive, whether through enhanced technology, flexible working arrangements and a culture of trust. First hub opened in Bristol last month

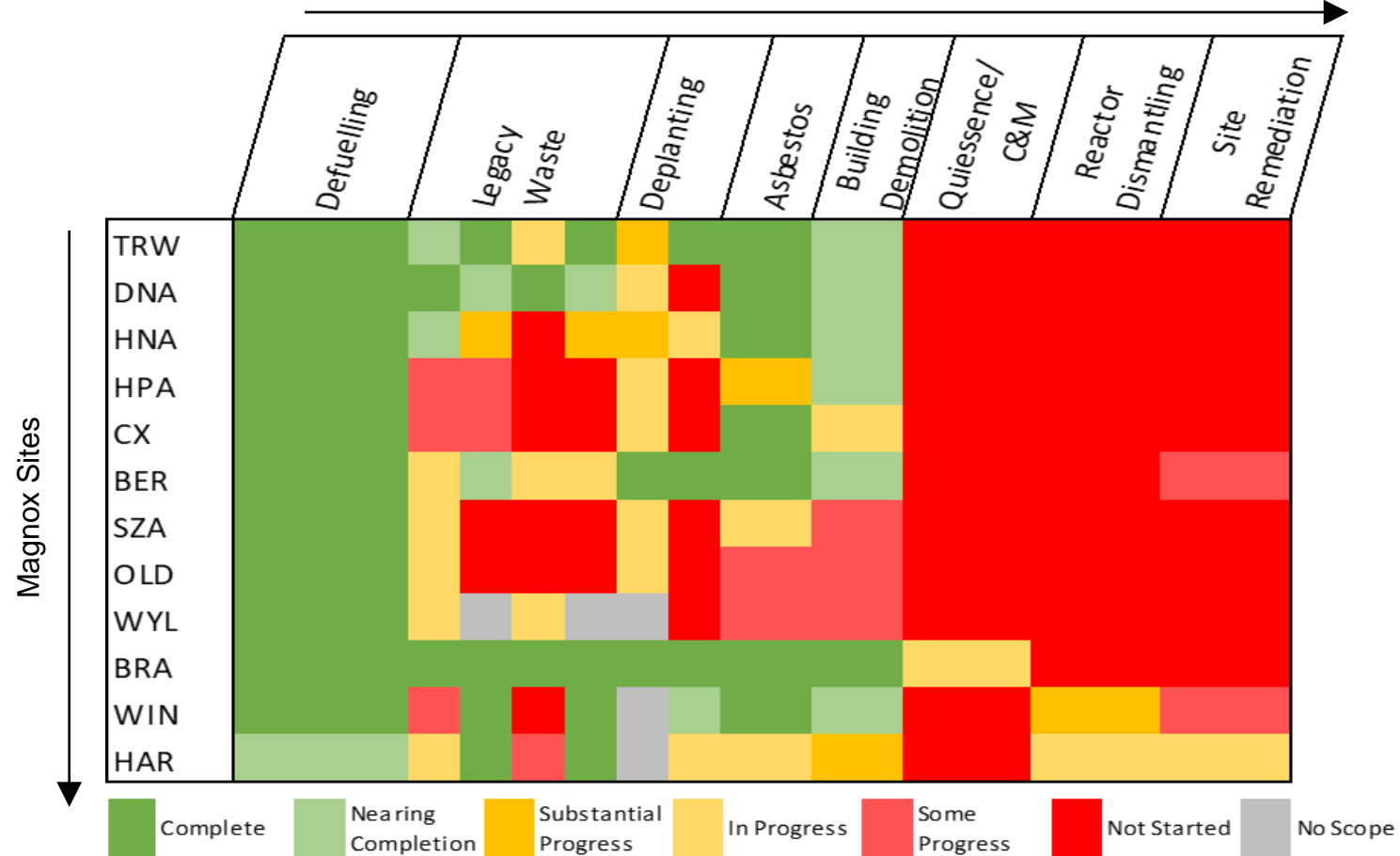


Current Mission 1 Status

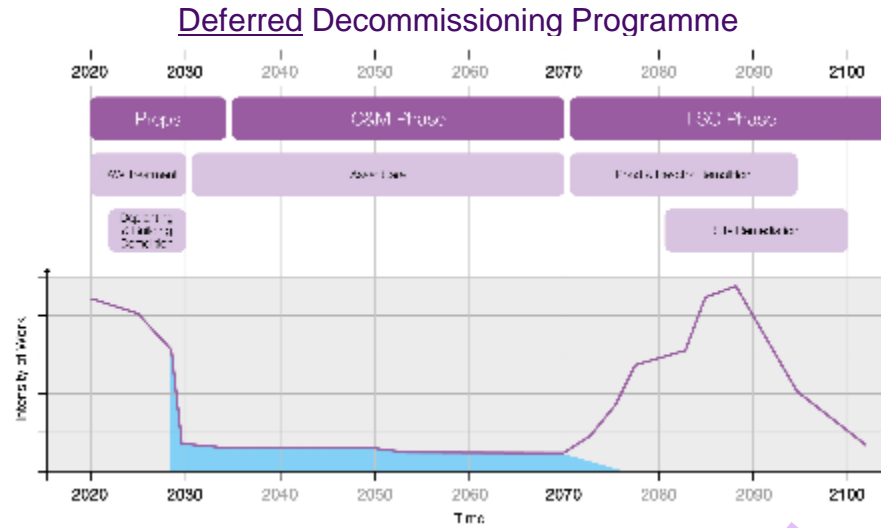


Decommissioning Phases

100+ yrs

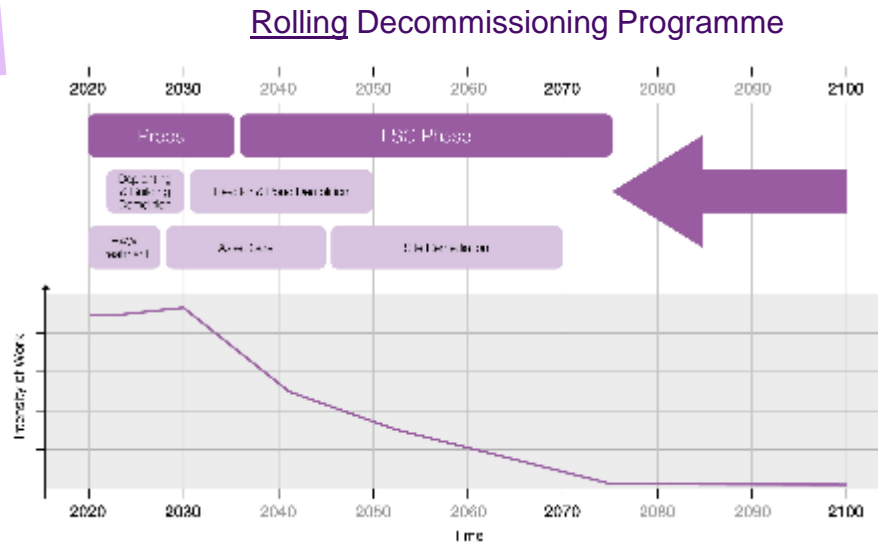
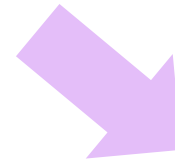


Change in Mission 1 Strategy

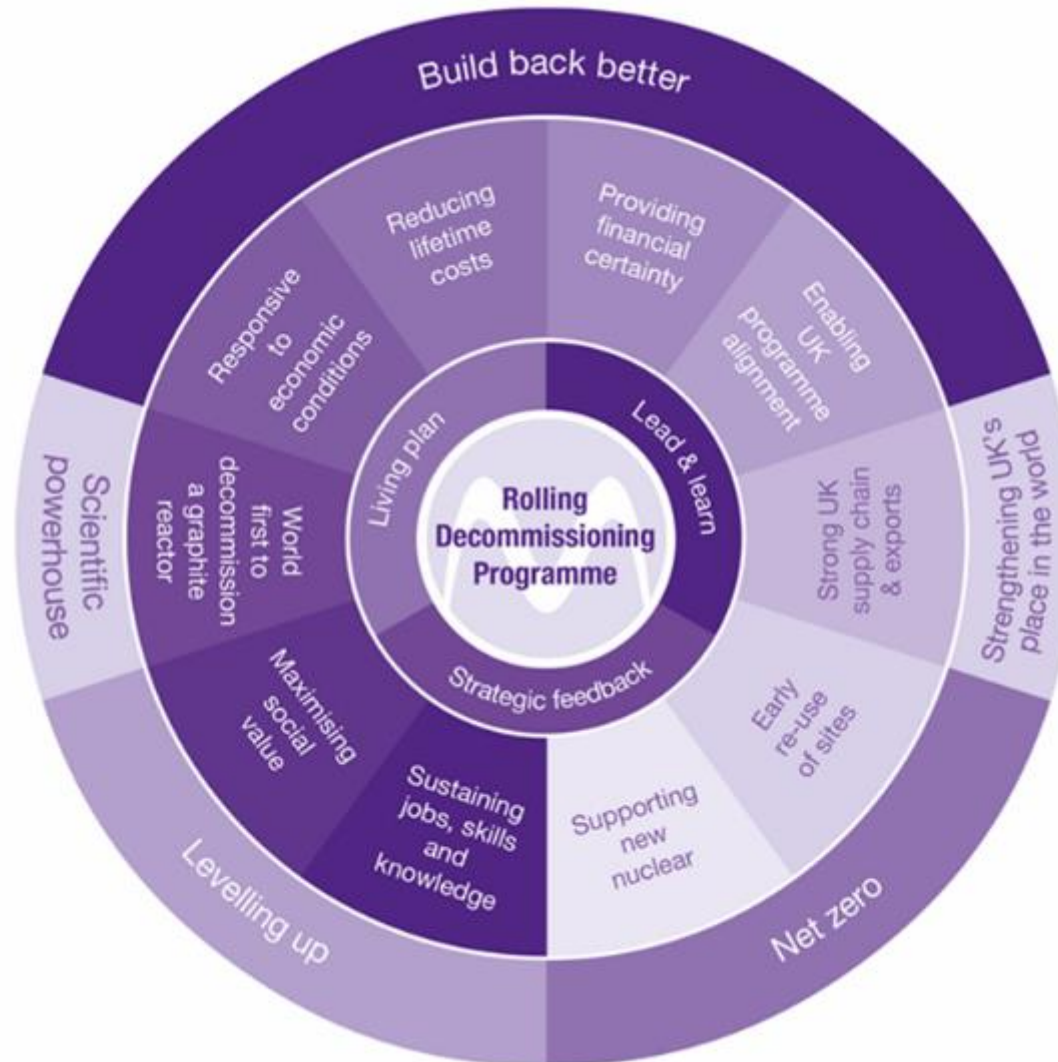


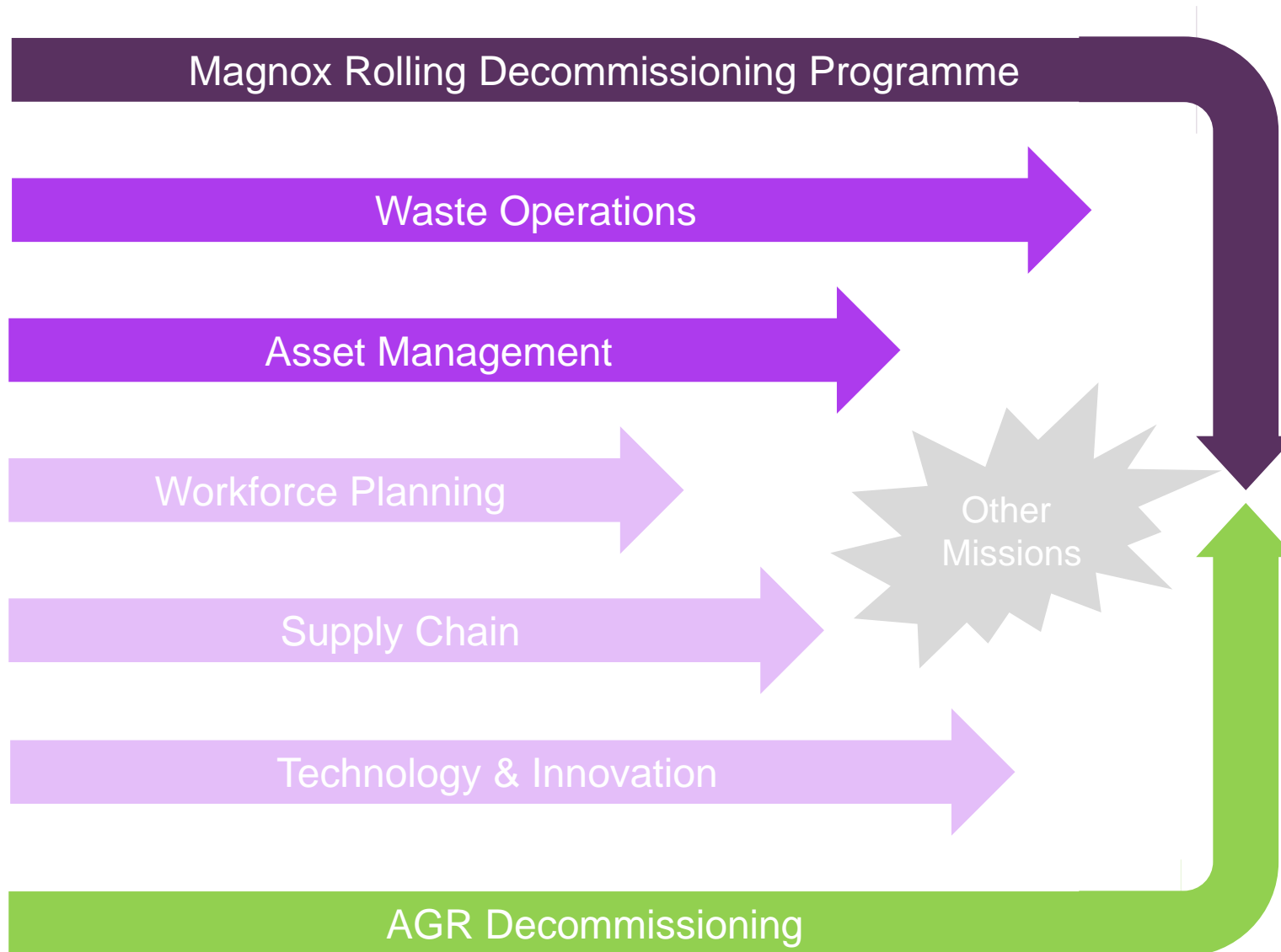
A change
to bring forward reactor
dismantlement & site clearance

.....and deliver improved value
for the UK taxpayer



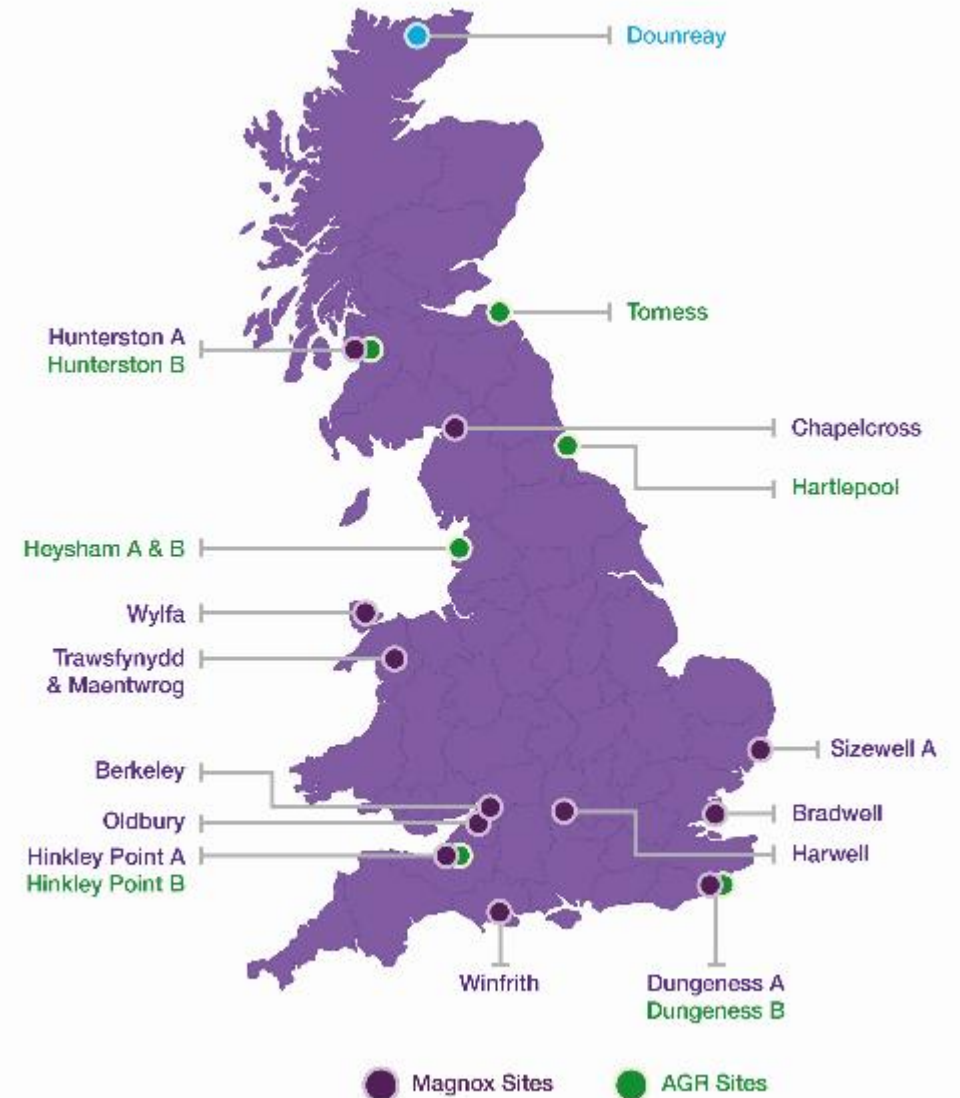
Rolling Decommissioning Programme





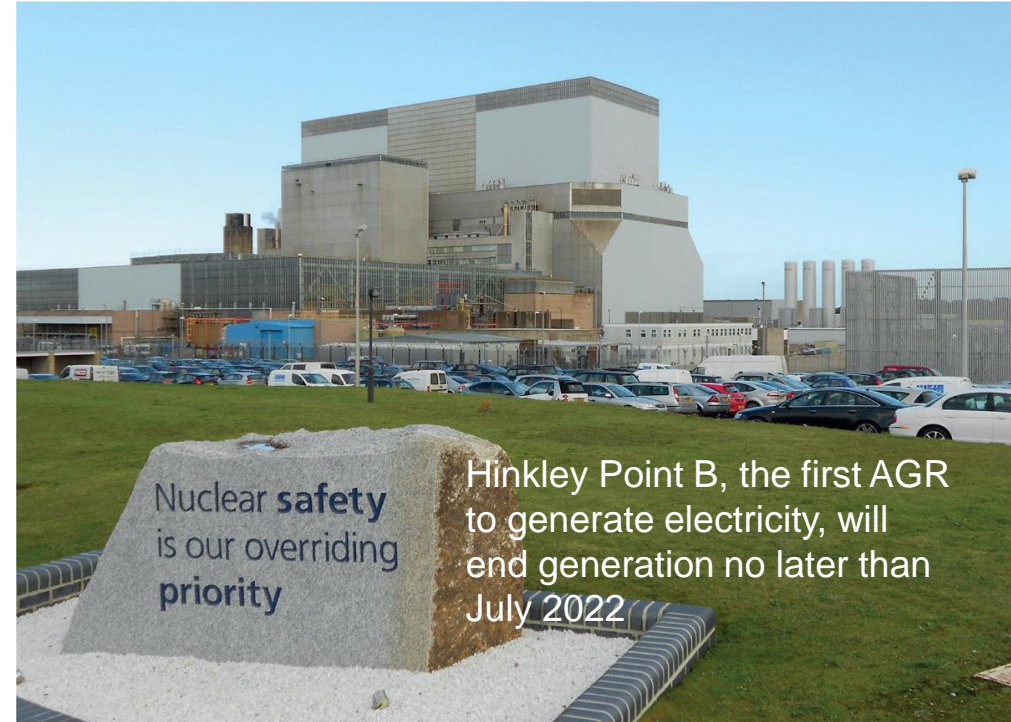
Future Missions

- We will join with the AGRs and Dounreay and integrate new decommissioning work scope into our existing portfolio. Our scope will double!
- Core principles remain: safety, security and value for the UK taxpayer
- Overseeing the practicalities of directing the complex transition programmes
- Evolving Magnox to safely and effectively deliver current and future work



AGR transfer

- EDF Energy will defuel 7 UK AGR power stations, supported by Sellafield and the NDA's transport division
- We will work with EDF to shape the preliminary decommissioning programme to ensure alignment
- Following fuel free verification each site will transfer on a rolling basis to the NDA and Magnox
- Decommissioning will then be managed by Magnox as the SLC
- The first AGR is expected to transfer in 3 - 5 years, the final AGR in the early 2030s
- We will seek synergies and increased tax payer value



Joining with Dounreay

- Supporting NDA's four pillar approach: Magnox, Sellafield, Nuclear Transport Solutions (NTS) and the waste entity
- Simplifying Group governance and reporting arrangements
- Magnox will hold the nuclear site licence, environmental permits and other licences for the Magnox sites and Dounreay
- Aim to join within 18 months, subject to regulatory approval
- Future opportunities for collaboration, sharing skills and knowledge
- There will one board. Dounreay MD, Mark Rouse, will report to Gwen Parry-Jones



Funding update October 2021

- **Magnox cumulative figures: £346k approved (out of £1.02m fund)** - of which £198k committed to multi-year projects across the Magnox sites.
- Magnox currently in discussions on potentially significant projects



Funding update

- Continued support for multi-year funded projects and others:

2021/22 Magnox funded (£198,500):

- Arloesi Gwynedd Wledig, £95k
- Envision 2021/24 £30k
- The Outdoor Partnership, £36k
- Dorset Wildlife Trust, £7,500
- Folkestone & Hythe District Council £30k
- Môn Communities First £98k
- Bala Lake Railway £38k

North Ayrshire College, £250k approved.
Project delayed, funding accrued

2021/22 NDA funded (£1,652,662), managed by Magnox:

- North Anglesey Regeneration Plan, £195k
- Romney Marsh Business Hub £121,628
- Watchet East Quay £300k
- MSParc £125k
- LabSTEM £386,034
- Hunterston B Soc-ec Assessment £23k

North Ayrshire Council - £500k approved for the Lochshore Garnock Visitor and Community Hub development – Project delayed, funding accrued.



Questions?