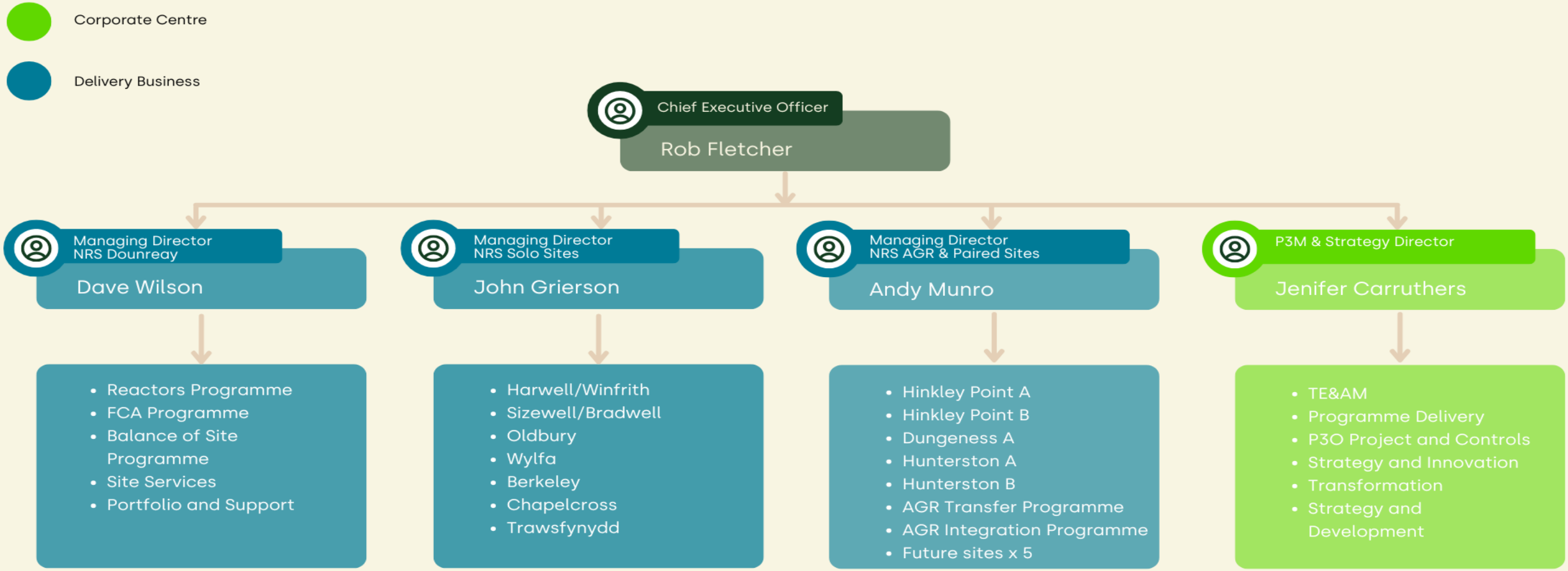
Harwell Site Stakeholder Group (SSG) 24th April 2025

Gary Reid
Harwell and Winfrith Site Director

24/04/2025

NDA | NRS Nuclear Restoration Services

NRS Restructure



Harwell site – what we will cover

- Achievements FY24/25
- Environment, Health, Safety, Security and Quality (EHSSQ)
- Plans for This Year
- What else is happening on-site
- Sustainability at Harwell
- NRS Socio-Economic Scheme

Achievements for 24/25 FY

- Demolition of B401.8
- Targets met or exceeded for ILW Waste Retrievals, Drum Encapsulation, Nuclear Material Transfers and VLLW Waste Exports.
- West Measshill Delicensing work complete.
- B220 Cell Characterisation Completed.





Environment, Health, Safety, Security and Quality (EHSSQ)

- Safety
  - TRIR remains at 0; no LTA in 644 days
  - Asset Management Inspection rated adequate
  - 1x RIDDOR report in January
    - Change to a subcontractor lifting operation caused an imbalance to a FLT; no injuries
- Environment
  - Discharges of radioactivity remain well below permitted levels with no observable trends
    - Minor issues associated with Environmental Monitoring contractor performance
  - Campus diesel spill in February
      - Entered surface water drains
      - Response team mobilised by site; spill managed effectively
      - Environment Culture Inspection
- Security
  - No issues to report

This Year's Plans

- NMT project (Nuclear Materials Transfer) continue Shipping.
- RHILW (Remote Handled Intermediate Level waste) retrievals and Drum Grouting Operations Continue.
- B418 Decommissioning Work Starts to Support Land Release.
- Delicensing Work continues at West Measshill, LETP and Atlas North.
- B220 Characterisation Work is paused while Business Planning is completed.

Harwell land release

- NRS is working with NDA, UKAEA, Central Government, and Campus Joint Venture private sector partner to develop a proposal to accelerate and optimise land release plans to support further development of the campus.



Legacy Waste

- **GKT Legacy Waste 24-25**
- YE target (m3) 189.6 Acceptable 205.2 Good 208.2 Excellent

Final Total 209m3

(19 Consignments)



Nuclear Materials Transfers

- 5930 (was 5817) drums shipped to date. This is 89% of the total (was 87%).
- Dragon fuel is now 67% complete (was 59%)
- Activity removed from Harwell site is 71% (was 64%)
- Project completion is tracking to late 2027





Remote Handled Intermediate Level Waste (RHILW) retrievals and Harwell (ILW) box store

Remote Handled Wastes

- Waste retrievals finished the year at 7.63Te recovered (was 3.8Te)
- The waste encapsulation plant grouted 133 drums (346 of circa 1000 in total).
- Plans are largely firmed up for recovery of currently out of scope wastes using RM1 and a radon abatement system, and RM2 after conversion.
- The Post Operational Clear Out (POCO) equipment continues to be developed to allow final tube cleaning after waste recoveries are completed.

Harwell ILW Box Store (HIBS)

- Work progresses to allow the store to receive both empty and filled boxes. First active box expected 2027.









What else is happening on site

Recruitment

- **Recently recruited 2 x Environment Engineers**

Apprentices

- **6 x Level 2 Nuclear Health Physics Monitor apprentices** (Currently in the process of being recruited and due to start September 2025)

Welfare

- New Canteen facilities for staff

Site Restoration

- **LETP Land Remediation**
  - Minor remediation work successfully completed in December 2024, despite exceptional rainfall during the works
  - Procurement for SuDS Lagoon and LETP reinstatement is a priority - aiming to commence site works late Summer 2025 (groundwater levels remain a risk)
  - Materials Management Plan prepared to support sustainable re-use of suitable materials from lagoon to reinstate LETP
  - The LETP delicensing case will be progressed during 2025/26
- **Groundwater Remediation**
  - Discussions ongoing with the EA in relation to GWP closure case – further work to be carried out by WSP on behalf of NRS
- **West Meashill Area Land Release**
  - Delicensing case prepared
- **Meashill Trenches Remediation and Downs Way East Land Remediation**
  - Currently paused due to funding prioritisation, although it is hoped that some progress can be made using in-house resources
- **B540/B551 Area (land release area)**
  - Non-intrusive surveys have commenced (**Photo**), and intrusive investigations will be carried out during 2025/26



Nuvia's 4x4-mounted GroundHog Gamma Radiation Survey Equipment during the B540/551 Area surveys

Decommissioning

Group Key Target has been completed within B220.

- Business decision has been made to pause further Characterisation

B401.8 Decommissioning and demolition Contract commenced July 2024

- Demolition Completed March 2025
- Contract complete expected July 2025





Sustainability at Harwell

Sustainability and Biodiversity workshops for site staff completed in March.

Work ongoing to support our understanding and implementation of Biodiversity Net Gain across the site, and in conjunction with Harwell Campus JV.

Projects increasingly utilising energy efficient plant, resource minimisation and increased material recycling.



Socio economic funding 2024/25

End of Financial Year:

£1.1m spent across 12 NRS Sites.

Harwell funded projects = £53,861.70

Good Neighbour – 5 projects supported totaling £3,861.70

Multi year project – SOFEA totaling £50,000.00

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SOFEA is an innovative education and training charity focused on helping young people, especially those at risk of becoming long-term NEET (Not in Education, Employment, or Training).

For further information please visit NRS working with our communities - GOV.UK (www.gov.uk)

- Good Neighbour applications for Harwell email: **Bethany.Sear@nrservices.uk**
- Applications over £2,000: email: **jessica.dawson@nrservices.uk**

Any Questions?

