



HARWELL SITE STAKEHOLDER GROUP 107TH MEETING

Date: Thursday, 23 April 2026

Time: 10:00 for refreshments, for a 10:30 start

Venue: Saturn Room, The Satellite Applications Catapult, Electron Building,
Fermi Avenue, Harwell, Oxford OX11 0QR

AGENDA

1. **Chairman's remarks:**
 - Welcome guests
 - Chairman's Notes – Chris Broad (10)
 - Apologies for absence and changes in membership
2. **Minutes of the 106th meeting**
3. **Matters arising**
4. **NRS Harwell Licensed Site Matters**
 - (a) Site Director's Report – Gary Reid (20)
5. **Reports**
 - (a) Office for Nuclear Regulation – Graham Simpson (10)
 - (b) Environment Agency – Sally Thompson (10)
6. **NRS site update – Matthew Peacock** (10)
 - Nuclear Material Transfer Project
7. **Campus Matters**
 - (a) Harwell Campus Joint Venture Partnership
Arc – Paul McSweeney (10)
 - (b) Diamond Light Source – Katie Burke (10)
8. **Any other business**
 - Harwell SSG Constitution

**Next Meeting – Tuesday, 3 November
Helios Building, Thomson Avenue, Harwell, Didcot OX11 0GD**



HARWELL CHILTON CAMPUS LOCAL STAKEHOLDERS MEETING

Minutes of the 106th meeting held at The Satellite Applications Catapult Centre, Harwell on Thursday 04th November 2025

Date	04 November 2025
Chair	Chris Broad, Chilton Parish Council
Deputy Chair	John Sharp, East Hendred Parish Council
Secretary	Bethany Sear, NRS, Communications lead
Minutes	Julie Drewett, NRS

Attendees

Chris Broad - Chilton Parish Council	Gary Reid – NRS
Bethany Sear - NRS	John Sharp - East Hendred Parish Council
Laura Street - NRS	Stuart Clark – NRS
James Craig - NRS	Duncan Anderson – NRS
Clive Hooker - West Berkshire Council	Bill Hanks
Julie Drewett - NRS	Mike Fox-Davies – Harwell Parish Council
Sally Thompson - EA	John Wilkins – Member of Public
Nick King - South and Vale	Amy Griffin – Diamond Light Source
Chris Williamson - MRC Harwell	Paul Bryant – Shaw-Cum-Donnington PC
Helen Bradley	Mark Coleman – Vale of White Horse DC

1. Chairmans Remarks

- Chris Broad chaired and opened the 106th SSG, advised meeting being recorded.
- Constitution of SSG being reviewed.
- NDA strategy 5 to be published next March.
- Progress on GDF felt slow, there are emerging changes resulting in reduction in amount of Waste going to LLWR.
- Possibility of new location for GDF northwest coast of UK. Currently no plan B. Encouraged to view online report on GOV website regarding dosages and funding of GDF.
- Wider attendance of SSG is desired to improve communication.



- NuLeaf is a local government organisation interacting with NDA and RWM, they are attending more events nationally.
- Ground Estates has bought land from local farmer, 400 houses proposed to for this land.
- David Peattie CEO of NDA will step down in March 2027.

Q1. Rolls Royce spoke about small reactors.

A1. SMR Strategy and location in the future is likely to be Rolls Royce, this is not confirmed, no announcement has been made.

2. Minutes of the 105th Meeting

- Minutes from the previous meeting were accepted at true and accurate.

3. Matters arising

None

4. NRS Harwell Licenced Site Matters

(a) Site Director's Report – Gary Reid

Gary Reid introduced Laura Street – NRS Harwell Site Manager, Stuart Clark – NRS Harwell Property Manager and Duncan Anderson – NRS Harwell Delicensing Delivery Lead, who has replaced Jon Blackmore after his recent retirement.

Gary gave a presentation on NRS recent achievements and future plans for 2026.

- Dounreay joined NRS approx. 18 months ago for more efficiency.
- NRS sites divided into A Sites and B Sites. Due to reorganisation, the EDF Sites will be in B Sites band once decommissioned.
- Andy Munro is running dual sites.
- NRS Hunterston B has progressed the most. It has already defueled, CNC is no longer present.

Achievements 2025/26

- All targets were comfortably achieved last year.
- Nuclear materials projects are nearly at an end. Lots of waste being shipped to Sellafield. Waste capsulation plan ahead of target.
- B462 Retrievals, processing including WEP. Have been overachieving for a number of years.
- LL/VLLW Legacy Waste consignments.
- Preparation of LETP Delicensing case.



- B401.8 demolition close out reports.
- TRIR remains at 0; no LTA in 644 days.
- Discharges of radioactivity remain well below permitted levels with no observable trends.
- EA High Activity Waste Inspection (Q1) - no non-compliances.
- EA Environmental Monitoring Programme Inspection (Q2) - no non-compliances.

Plans for 2026

- 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 Meashill, LETP and Atlas North.
- B220 Characterisation Work is paused while Business Planning is completed
- **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
- HIBBs will be receiving 200 boxes next year
- Several Nuclear Health Physics Monitor apprentices have been recruited.

Questions

Q1. From Chair – When is the CNC leaving site. What will happen to the building they currently occupy?

A1. The Security Threat from the nuclear material left on site will be so low that the CNC are no longer required. They will be leaving March 2027. The CNC Culham are relocating to B150 on Harwell Campus, so will still be visible on Campus. NRS Waste Team occupy the same building and will continue to do so. The CNC may also use for training in the future. Thames Valley Police will conduct local policing.

Q2. How will this be communicated to outer world?

A2. NRS Harwell and extended Campus hold a fond history with the CNC, so any communication will be carefully investigated before being released.

Q3. There will be radioactivity on site, but no armed police?



- A3.** The type of material remaining on site does not have sufficient security implications to require the CNC presence. Civil security protection will remain on site.
- Q4.** From Deputy Chair – Will boxes be suitable for GDF, NWS have deemed these suitable for a fifty plus year period?
- A4.** Yes, the boxes are specifically built in advance for this purpose. They are constructed to high specification to have a very long-life span.
- Q5.** The cooling columns at Sellafield were leaking, has this been sorted now?
- A5.** The leak is ongoing until demolished. It is closely monitored. Regulators have assessed as low risk.
- Q6.** How many CNC are there to be re-employed? Are there 6 New Apprentices?
- A6.** I cannot answer the CNC question as this is classified information. Yes, the apprentices are going through their security vetting at present.
- Q7.** When is LETP being released?
- A7.** 2026-2027
- Q8.** Mary Lyons Centre has approx. 30,000 mice. Have felt protected whilst the CNC here. Stakeholders will feel nervous if they are not here.
- A8.** It is important that their exit is communicated in a delicate way. We have had a long and very strong relationship with the CNC. NRS and surrounding stakeholders have greatly appreciated their presence and will be sorry to see them leave.
- Q9.** When will the fences come down?
- A9.** This is still a licenced site and must be kept secure. G4S will protect and fences will stay in place.

5. Reports

a) Nuclear Decommissioning Authority – Alastair Findlay

NDA submitted report ahead of meeting – Alastair Findlay unable to attend.

- NDA group funding for 2025/26 just over £4bn including increased Government funding.
- NDA Strategy 5 consultation concluded, once comments have been analysed final document will be published March 2026.
- Sellafield is now removing waste from all four legacy ponds and silos: a major milestone in hazard reduction.
- Nuclear Waste Services is progressing with final capping at the LLW Repository.
- Visible skyline changes across the estate, including the demolition of Sizewell A's turbine hall.



- Ongoing work to identify a suitable site and community for a Geological Disposal Facility.
- Innovation in action: sail trials for NTS ships and autonomous security systems at Winfrith.
- Preparations continue for the transfer of the AGR fleet and potential decommissioning of the Vulcan site.

b) Office for Nuclear Regulation – Graham Simpson

Graham Simpson submitted ONR site report for NRS Harwell period January to June 2025 ahead of meeting. Graham was unable to attend.

c) Environment Agency – Sally Thompson

The EA submitted their Environmental Report covering period April 2025 to November 2025.

- Sally Thompson has replaced Rebecca Cleverley as Lead Regulator for Harwell site and presented today.
- The EA regulate radioactivity to the outer environment, using permits and trigger levels. They ensure NRS are compliant with permits.
- EA note that the site discharges are comfortably within permit levels, with doses considerably less than 1%.
- NRS Harwell have had three inspections this year. Last one regarding land quality. Permit application for release from permit for West Meashill expected to be received in December.
- GRR - Guidance on Requirements for Release from Radioactive Substances Regulation. At site level AE have confidence in record keeping, based on years of documentation stored. NRS central do not operate the same way. Have noted non-compliances relating to management system arrangements for permit surrender which are currently being finalised and written up
- EA were fully involved yesterday when device found at LETP SUDS project. Dealt with safely and efficiently.
- EA have weekly catch ups with Harwell site and quarterly discharge reports. Sally finds engagements through the environment management team and delicensing lead/teams at Harwell proactive.

6. NRS Corporate Update – James Craig

James Craig NRS Public Affairs South attended meeting.

- Mutually agreed voluntary exit scheme (MAVE) has been rolled out to all NRS employees.
- Business Planning will be shared in the future.



- There is a knowledge gap with the local community. Independent polling is being conducted across the ages to address this. Results will be sent out once completed. Please liaise with James or Bethany Sear with any queries.

7. NRS Site Update – Duncan Anderson

Duncan Anderson Delicensing Delivery Lead for NRS Harwell delivered a presentation showing history and remediation progress of Liquid Effluent Treatment Plant (LETP)

- NRS Objectives for LETP and Sewage Farm are to re remove regulatory controls demonstrating that our land is clean at Harwell. Aim to submit Permit surrender application 2026.
- A Sustainable Urban Drainage System (SUDS) lagoon has commenced construction on the original sewage farm location. Lagoon will allow contamination to be contained and not leave site.
- Will use material from SUDS lagoon to refill dug out areas. This is endorsed by EA so material does not become waste.
- WSP working with NRS to close Ground Water Plant.

Q1. Where will lagoon be located?

A1. Duncan pointed out on aerial view slide where the sewage farm was located.

Q2. When will the cycle path be re-instated?

A2. Will have a realistic idea by end of the year. Bridleway will be open once Lagoon completed.

Q3. Cyclists find the electricity substation by cycle path inconvenient.

A3. It is a Council pathway and a SSE substation. UKAEA will be contact for this.

Q4. When land handed back can it be for any use by UKAEA?

A4. Yes, management of lagoon will go to landowners, it is high on their priority list.

Q5. Are there still legacy pipes located there? Was waste piped in or tanked in?

A5. All pipes have been removed. Historically, waste was piped and tankered. They had incinerators and you will have seen the small tankers in the photos shown in presentation. The liquids were treated to a level suitable for discharge to the River Thames.

Q6. Is there any overflow into brook?

A6. We have an EA permitted surface water discharge point at the Lydebank Brook. We are investigating the feasibility of an alternative system which could allow us to separate our discharges from those of the Campus which also discharge at the Lydebank brook.



Recently Campus had a spill, we all worked very well together as an emergency response to avoid anything being discharged into the brook.

8. Campus Matters

Chair – There is no one from Campus in attendance. Are there any questions to pass on to them?

The Crown Estate has bought land, bringing forward planning permission for 400 houses. Planning permission will not appear for another 18 months. The area is physically smaller than campus but denser. Area comes under Vale not South Oxfordshire. Campus is disappointed at this prospect.

Q1. Is this a re-draft of local plan?

A1. Vale and South Oxfordshire asked to withdraw. Waiting for inspections to review. This is 4 or 5 years in planning.

The Vale has a local plan which was well received. However, developers can challenge. Do not have to accept planning request.

Presentation by Amy Griffin – Diamond Light Source

Amy Griffin is the Engagement Team Manager for Diamond Light Source; she provided a brief insight into what the UK's national synchrotron is and what it does.

- Large campus employer, with many international research and academic visitors.
- The synchrotron has been operational since 2007.
- Will play an important role in research that aims to transform the lifecycle of graphite in nuclear energy.
- OpenBind an AI-driven drug discovery centre to be based here, making the UK a world leader in drug innovation and advancement.
- Ballots will open soon for the public and schools to visit the site. Contact www.diamond.ac.uk/Public
- Diamond 2 will be replaced by even better equipped machine Dec 2027.

Q1. Regarding information shown on slide, is 77.9 h a short time between failures?

A2. This is just beam shut outs, which are a few seconds at a time.

9. Any Other Business

- Harwell SSG Constitution

Chair – This has yet to be circulated. NDA have made a few suggestions.

Bethany Sear will circulate and ask for comments when available.



10. Next Meeting

23 April 2026 10:00-13:30

Jupiter Room, The Satellite Applications Catapult, Electron Building,
Fermi Avenue, Harwell Campus, Didcot, Oxfordshire OX11 0QR



Office for
Nuclear Regulation

ONR site report

Nuclear Restoration Services Ltd – Harwell

ONR site report

Nuclear Restoration Services Ltd - Harwell

Report for period: 01 July – 31 December 2025

Authored by: Nominated Site Inspector

Approved by: Head of Safety Regulation, DFW Subdivision

Issue: 1

Published: April 2026

Record reference: 2026/8276

Foreword

This report is issued as part of our commitment to make information about inspection and regulatory activities relating to the above site available to the public. Reports are distributed to members for the Harwell Site Stakeholder Group and are also available on our website: www.onr.org.uk/publications/regulatory-reports/site-specific-reports/lcsg-reports.

Our site inspectors usually attend Harwell Site Stakeholder Group meetings where these reports are presented and will respond to any questions raised there. Any person wishing to inquire about matters covered by this report should contact us via email at contact@onr.gov.uk.

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1. Inspections

1.1. Date(s) of inspection

Our site inspector made inspections on the following dates during the report period of 1 July to 31 December 2025:

- 19 August 2025
- 22 October 2025
- 12 November 2025

2. Routine matters

2.1. Inspections

Inspections are undertaken as part of the process for monitoring compliance with:

- The conditions attached by ONR to the nuclear site licence granted under the Nuclear Installations Act 1965 (NIA65) (as amended);
- The Energy Act 2013;
- The Health and Safety at Work etc Act 1974 (HSWA74); and
- Regulations made under HSWA74, for example, the Ionising Radiations Regulations 2017 (IRR17) and the Management of Health and Safety at Work Regulations 1999 (MHSWR99).

The inspections entail monitoring the licensee's actions on the site in relation to incidents, operations, maintenance, projects, modifications, safety case changes and any other matters that may affect safety. The licensee is required to make and implement adequate arrangements under the conditions attached to the licence in order to ensure legal compliance. Inspections seek to judge both the adequacy of these arrangements and their implementation.

In this period, routine inspections of Nuclear Restoration Services Ltd Harwell covered:

- Security preparedness inspection and response demonstration
- Transport emergency preparedness

Members of the public who would like further information on our inspection activities during the reporting period can view site inspection records on our website:

www.onr.org.uk/publications/regulatory-reports/site-specific-reports/inspection-records.

Should you have any queries regarding our inspection activities, please email contact@onr.gov.uk.

2.2. Other work

Throughout this reporting period, our nominated site safety inspector held regular meetings with the leadership team at Nuclear Restoration Services Ltd Harwell to maintain situational awareness of matters related to nuclear and conventional health and safety. We have undertaken a review of our regulatory approach covering the Harwell site in accordance with the principles of RITE (Risk-Informed Targeted Engagement). To summarise the outcome from the review, we will be focusing more attention on conventional health and safety than nuclear safety, in line with current safety risks, and holding Nuclear Restoration Services Ltd to account for the delivery of decommissioning.

The key outcomes of the review in to the regulatory approach affecting Harwell were as follows:

- We will have an increased focus on conventional health and safety rather than predominantly nuclear safety, in line with current site risks. This will mean for example that we will not permission major projects unless they have a significant nuclear safety component. Rather, we will regulate them under the Health and Safety at Work etc Act 1974, in particular the Construction (Design and Management) Regulations 2015.
- Regarding nuclear safety, we will target the following subset of licence conditions at Nuclear Restoration Services Ltd sites:
 - LC10 – Training
 - LC12 – Duly authorised and other suitably qualified and experienced persons
 - LC17 – Management systems
 - LC28 – Examination, inspection, maintenance and testing
 - LC32 – Accumulation of radioactive waste
 - LC34 – Leakage and escape of radioactive material and radioactive waste
 - LC35 – Decommissioning
 - LC36 – Organisational capability

Notwithstanding this, all the licence conditions will still apply and ONR reserves the right to inspect against any of the licence conditions in the future should the need arise.

- We will conduct more themed inspections rather than inspections focused on a single licence condition. This is expected to reduce the total number of inspections undertaken at Nuclear Restoration Services Ltd sites, enabling us to deploy a more targeted and risk-based approach to regulatory activity across the Nuclear Restoration Services Ltd estate (with regulatory resources focused on those sites presenting the highest level of risk).
- We will strengthen the way we work with the Nuclear Restoration Services Ltd internal oversight team, to leverage increased assurance from self-regulation of day-to-day safety, consistent with our enabling regulatory approach.

3. Non-routine matters

Licensees are required to have arrangements to respond to non-routine matters and events. Our inspectors judge the adequacy of the licensee's response, including actions taken to implement any necessary improvements.

There were no such matters or events of significance during the reporting period.

4. Regulatory activity

We may issue formal documents to ensure compliance with regulatory requirements. Under nuclear site licence conditions, we issue regulatory documents, which either permit an activity or require some form of action to be taken. These are usually collectively termed licence instruments but can take other forms. In addition, inspectors may take a range of enforcement actions, to include issuing an enforcement notice.

- No licence instruments, enforcement notices or enforcement letters were issued during this period.

Reports detailing the above regulatory decisions can be found on our website: www.onr.org.uk/publications/regulatory-reports/site-specific-reports/project-assessment-reports.

5. News from ONR

For the latest updates and information on our work, please subscribe to our regular email newsletter, ONR News, at www.onr.org.uk/news/newsletter.

6. Contacts

Office for Nuclear Regulation
Redgrave Court
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Email: contact@onr.gov.uk

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References

There are no sources in the current document.

Environment Agency report

Harwell Site Stakeholder Group

April 2026

This report covers the Environment Agency's regulation of the Harwell Nuclear Licensed Site and related issues for the period between November 2025 and April 2026.

Radioactive substances regulation

We regulate radioactive waste disposals to the environment. We do this through environmental permits that contain limits and conditions aimed at minimising wastes and protecting people and the environment. We check compliance with the permits through routine interaction with the operator, and by making regular inspections at Harwell.

Working with colleagues across the Environment Agency, we also regulate and control other activities through our environmental permits, including surface and groundwater discharges. Through our corporate objectives, aims and general duties, we also provide advice and guidance to protect or enhance the wider environment and support sustainable development.

We record our regulatory compliance interactions in Radioactive Substances Compliance Assessment Reports (RASCARs). These summarise the type of work we have undertaken, describe any non-compliance or observations of good practice, and include actions or recommendations from our findings. They are public register records and can be provided on request. Please see the 'further information' section at the end of this document to find out how to request public register records.

Permitting

Nuclear Restoration Services Limited (NRS) holds two radioactive substances activity permits under the Environmental Permitting Regulations (EPR) at the Harwell site: one covers the nuclear licensed site (PB3598DX, the 'nuclear' EPR permit); the second covers smaller areas outside the nuclear licensed site boundary (PB3198DJ, the 'non-nuclear' EPR permit).

On 15 November 2025, NRS applied to vary Environmental Permit EPR/PB3598DX to add disposal by transfer of aqueous and non-aqueous liquid radioactive waste. NRS requested this change because the site cannot progress certain radioactive liquids through its existing permitted routes.

We advertised the application on gov.uk and received no public comments. We are now completing the determination. Our assessment confirms that the change does not alter existing limits or specified radionuclides for gaseous or liquid discharges, and that the operator can continue to comply with permit conditions, statutory requirements, and government policy. We therefore expect to grant the variation, subject to the conditions of the permit.

We continue to support NRS as it prepares partial-surrender applications for West Meashill and the Liquid Effluent Treatment Plant. NRS plans to submit the West Meashill application at the end of April 2026. We have recently updated our permit-surrender template to reflect our guidance on releasing land from radioactive substances regulation,

customer service line **03708 506 506**

floodline **03459 88 11 88**

incident hotline **0800 80 70 60**

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which requires evidence on site condition, monitoring and dose assessment. [Guidance for requirements for release from radioactive substances regulation](#).

The West Meashill submission will be only our second surrender application under this guidance, and we will apply learning from the first to streamline our review. We welcome the constructive engagement from NRS's delicensing and site teams as they prepare the required evidence. NRS will submit the Office for Nuclear Regulation (ONR) delicensing application for the same land at the same time, and we will coordinate closely with ONR with an aim to review in common timeframes.

We visited the site on 25 February 2026 to observe characterisation and sampling work in the B540/B551 area. Although this area is not yet in formal pre-application engagement, we used the visit to give early regulatory advice. This early engagement will reduce the time required for permit determination once applications are submitted, so we welcomed NRS's proactive approach.

On 9 April, the site will host a visit by our Chief Executive and Chief Regulator, along with senior leaders from His Majesty's Treasury, the Nuclear Decommissioning Authority (NDA), ONR and NRS. The group will discuss opportunities and challenges around delicensing and permit release, focusing on enabling and proactive approaches to improve efficiency in returning land to the owner.

Compliance activities

We check permit compliance through regular contact with the operator, site meetings, and routine inspections at Harwell. After each inspection, we issue a RASCAR summarising any non-compliances, actions, recommendations and good practice.

We review monthly discharge reports and maintain regular dialogue with the operator to track emerging issues and progress on actions. We hold weekly meetings with the Environment Manager and team to monitor site matters. We also attend the quarterly joint safety and environmental review with ONR, most recently in March 2026. In addition, we receive quarterly updates from NRS project leads, and the NRS Internal Assessor frequently joins our discussions.

We have not undertaken an inspection since our last SSG report. We completed three inspections up to November 2025 to support preparation for expected permit surrender submissions. To remain proportionate and efficient, we postponed our planned March 2026 inspection to May 2026.

Environmental impact

The site environmental permit requires NRS to monitor and assess the impact of discharges on the environment. The results of NRS's environmental monitoring programme (EMP) indicate that the environmental impact from permitted discharges remains low. NRS's results continue to be consistent with our independent programme, and do not indicate any results of concern or significant change from previous years.

Discharge reports

The site's environmental permit requires NRS to use the best available techniques (BAT) to produce the minimum amount of radioactive waste and minimise permitted disposals into the environment. Disposal of wastes – as solids, liquid or gases can only be made via permitted routes or to permitted sites. The site is required to report liquid and gaseous discharges to the environment to us on a regular basis. We examine these reports and produce RASCARs for them. Copies of the discharge reports and the RASCARs are made publicly available. See the 'further information' section at the end of this document to find out how to request them.

Both liquid and gaseous discharges from Harwell continue to be at levels well within permitted limits. It is noted that the relative level of these discharges may fluctuate as the decommissioning programme evolves.

Incidents and enforcement

There have been no incidents or events leading to enforcement action at Harwell in the period since the last SSG meeting.

Further information

A public register service is available on the GOV.UK website at <https://environment.data.gov.uk/public-register/view/index>

You can also request access to public documents by contacting the Customers and Engagement Team in the Wallingford office. Please email WTenquiries@environment-agency.gov.uk

Further information on our role in regulating the use of radioactive substances and related activities on nuclear licensed sites can be found on the Environment Agency pages of the Gov.UK website at <https://www.gov.uk/government/publications/nuclear-regulation-in-the-environment-agency>

Our enforcement and sanctions policy is available on the GOV.UK website at <https://www.gov.uk/government/publications/environment-agency-enforcement-and-sanctions-policy/environment-agency-enforcement-and-sanctions-policy>

The UK Health Security Agency has placed guidance on ionising radiation dose comparisons on the GOV.UK website at <https://www.gov.uk/government/publications/ionising-radiation-dose-comparisons>

All our open consultations will appear on this webpage [Nuclear consultations - Environment Agency - Citizen Space \(environment-agency.gov.uk\)](#)

Follow our Environment Agency Linked in page for news and information about regulating radioactive substances <https://www.linkedin.com/showcase/regulating-radioactive-substances>

The Environment Agency's lead nuclear regulator for the Harwell site is Sally Thompson. Sally is part of the national Nuclear Regulation Group (South) (NRG (South)) which is based at the Environment Agency's Wallingford office in Oxfordshire.

NRG (South) undertakes environmental regulation of radioactive substances on nuclear licensed sites in southern England. It works closely with the local Environment Agency teams in those areas as well as external bodies such as the Office for Nuclear Regulation.

Members of the local Environment Agency team cover the site for general (non-radioactive substances) environment protection matters such as regulation of groundwater, contaminated land, waste management and water abstraction.

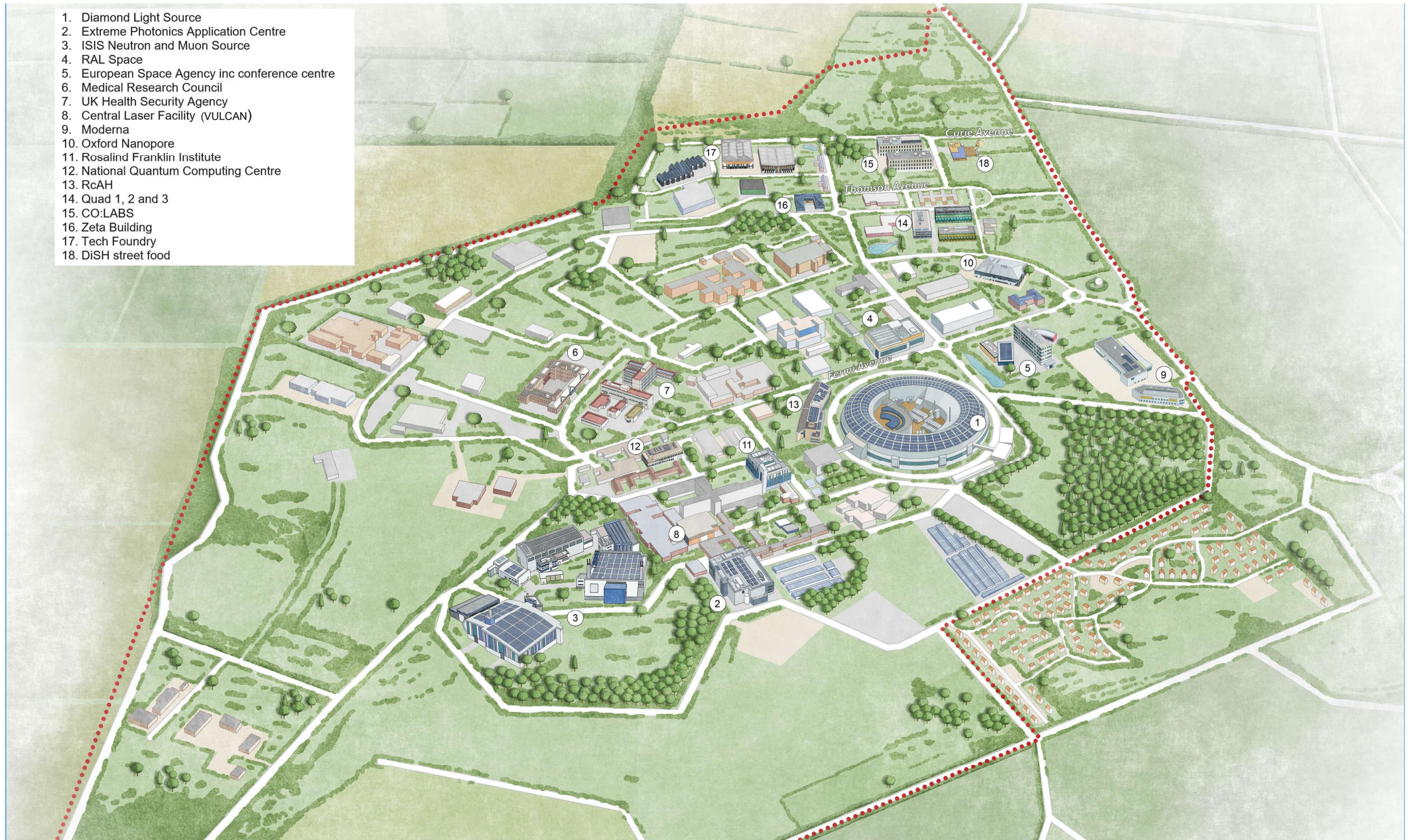
Address: Environment Agency, Red Kite House, Howbery Park, Wallingford, Oxfordshire, OX10 8BD

Email: nrg@environment-agency.gov.uk



HARWELL

1. Diamond Light Source
2. Extreme Photonics Application Centre
3. ISIS Neutron and Muon Source
4. RAL Space
5. European Space Agency inc conference centre
6. Medical Research Council
7. UK Health Security Agency
8. Central Laser Facility (VULCAN)
9. Moderna
10. Oxford Nanopore
11. Rosalind Franklin Institute
12. National Quantum Computing Centre
13. RcaH
14. Quad 1, 2 and 3
15. CO:LABS
16. Zeta Building
17. Tech Foundry
18. DiSH street food



National Facilities

Harwell is proud to share its world-leading research and technology facilities with scientists and industry professionals from around the globe. Collaborate with our lab experts, conduct ground-breaking research and gain access to some of the most powerful scientific equipment in the world.



Central Laser Facility (CLF)

CLF is one of the world's leading laser facilities, capable of recreating the conditions inside stars. It can be used to study biochemical and biophysical processes that form the basis of life itself.



Diamond Light Source

The UK's synchrotron works like a giant microscope, harnessing the power of electrons to produce bright light that scientists can use to study anything from fossils to viruses and vaccines.



Extreme Photonics Applications Centre (EPAC)

EPAC will drive plasma-based accelerators using lasers, producing advanced X-ray sources for imaging in industrial, biological and defence and security environments – providing a boost to UK innovation.



ESA's ECSAT

ESA's European satellite and space telecommunications centre (ECSAT) is the UK's gateway to space.



The Faraday Institution

As a world-leader in electrochemical energy storage, The Faraday Institution is making the batteries of today safer, more powerful, sustainable and energy-efficient, and developing next-generation batteries for a cleaner tomorrow.



ISIS Neutron & Muon Source

Part of the global scientific infrastructure, ISIS enables scientists from academia and industry to study materials at the atomic level.



Mary Lyon Centre at MRC Harwell

Helping the scientific community to better understand, diagnose and treat human diseases and degenerative conditions.



Nucleic Acid Therapy Accelerator (NATA)

Nucleic acid therapeutics have world-changing potential for treating diseases.



National Quantum Computing Centre (NQCC)

Quantum computing has the potential to change our world. The National Quantum Computing Centre will ensure the UK is at the forefront of quantum innovation.



Research Complex at Harwell (RCaH)

Delivering scientific excellence across structural and molecular biology, catalysis, energy materials, correlative imaging & advanced manufacturing.



RAL Space

RAL Space carry out space research and technology development and offer unique facilities to help advance understanding of space and our environment.



The Rosalind Franklin Institute (RFI)

The RFI is dedicated to developing tomorrow's life science innovations through technology development and needle-point research.



Satellite Applications Catapult (SAC)

At the forefront of the satellite services revolution, accelerating innovation in space applications for real-world impact.



UK Health Security Agency (UKHSA)

The agency is at the front line in protecting the nation from infectious diseases and future threats to public health.



HARWELL HEALTH



HARWELL SPACE

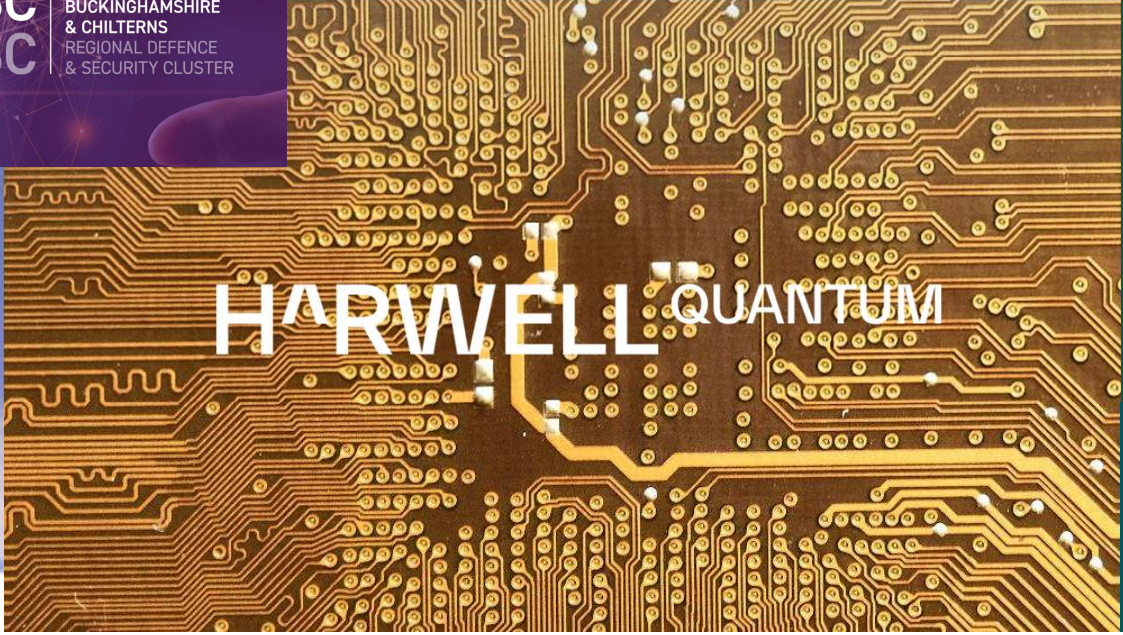


**OBC
RDSC**

OXFORDSHIRE
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& CHILTERN
REGIONAL DEFENCE
& SECURITY CLUSTER

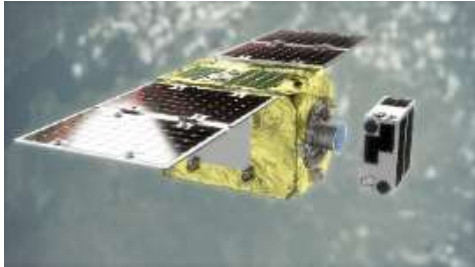


HARWELL ENERGY



HARWELL QUANTUM

Worlds most innovative and exciting businesses



Astroscale

World-leader in active debris removal, satellite servicing



Open Cosmos

Design, manufacture, launch and operate low earth orbit satellites



Ionech

Next generation clean energy hardware technology to technologies



Magdrive

Developing compact, high-power propulsion system for satellites and spacecraft



Oxford Nanopore Technologies

Developed a new generation of DNA/RNA sequencing technology



Oxford Space Systems

Design and manufacture innovative, deployable antennas for space



Oxford Dynamics

Cutting-edge AI-based tools that solve the world's toughest data processing challenges



QuEra

Developing large-scale, fault-tolerant quantum computing in collaboration with NQCC

Harwell Space Cluster

>100 Space Sector Organisations

>1600 employees

>50 strategic visits per year

> 20% average annual job growth



Harwell Energy Tech Cluster

Organisations

- 90 Energy organisations at Harwell Campus
- 100+ Energy organisations in our wider network
- 1800 staff



Harwell Health Cluster

- A campus cluster model that is actively managed
- It represents a leading research and innovation hub for the UK, attracting large scale inward investors
- Specialisms include advanced therapies, medical technologies and next generation imaging tools
- The ecosystem helps to **de-risk R&D collaboration**
- Governed by a stakeholder matrix bringing together campus, regional and national organisations aligned to the sector



Harwell Quantum Cluster

Newest cluster at Harwell based around the UK's flagship quantum computing facility, the National Quantum Computing Centre

Rapidly growing with 21 organisations currently on site

MoU with Quantum Exponential and £100m fund for Harwell Companies



Applied Quantum Computing



Regional Defence & Security Cluster Objectives

Lobby to simplify and standardize the myriad MOD and national security procurement and engagement routes.

Explain the existing procurement routes and processes to SMEs and Researchers and help them to engage.

Achieve earlier engagement by Industry and Academia with MOD / National Security problem statements and technical requirements.

Notify more RDSC Members of more Opportunities (e.g. Open Calls).

Raise two-way understanding of key technologies, innovations & D&S requirements; facilitate training and learning.

Build networks, collaboration and knowledge exchange.



Science and
Technology
Facilities Council



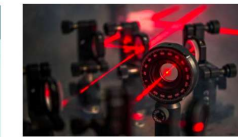
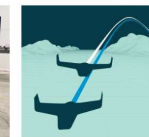
OBC RDSC: Key Themes and Strengths



AI, ML, Cyber, data
and decision
making



Drones, Robotics,
Autonomy



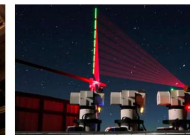
Lasers and
Photonics



Nuclear
(materials, testing)



Quantum
(Technologies and
Computing)



Space



Health Protection,
Defence Medicine

Achievements so far:

Grown to 140 members in a year, since our launch in April 2024.

Set up website, LinkedIn page, membership database.

Gained concrete support from 18 entities, ranging from Primes to private individuals, plus prospective future support from 10 more.

Addressed multiple sectors, in line with our original plans, with five dedicated events already held and many more under development.

Forwarded details of the AWE supply chain opportunity to all Members, plus two other Open Calls to targeted Members.

Supported at least four of our Cluster members in their successful efforts to obtain contracts.

Universities at Harwell Campus

- 10 universities with a permanent presence on site either as partners of facilities or leasing lab space
- 30+ universities represented at Harwell at any one time
- Strong collaborations with international universities with a global reach of researchers accessing Harwell's world-class facilities
- Over 300 PhD students across the research facilities

Research Facilities/Organisations at Harwell



Universities with permanent presence on site



UK Universities that regularly use facilities on site



Examples of International Universities that have used facilities

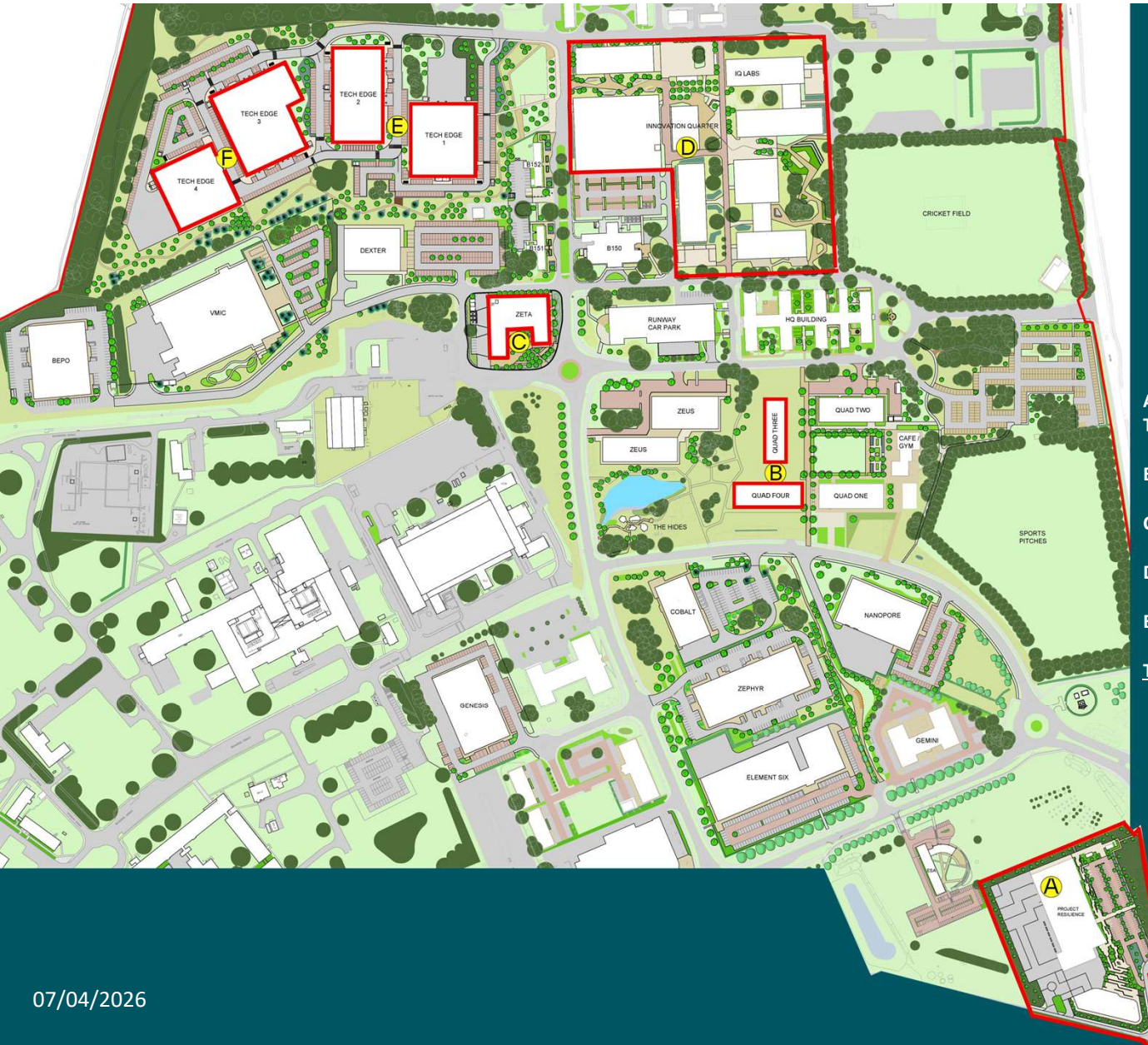


Talent attractor

- Unrivalled Community
- Sports facilities
- Clusters
- Amenities
- STEAM engagment



Growing the Campus



	Size	Use
A – Moderna Innovation and Technology Centre	150k sq ft	R&D, manufacturing
B – Quad Three	60k sq ft	Offices, labs
C – Zeta	39k sq ft	R&D, offices, labs
D - CO:LABS - Accelerator Quarter	80k sq ft	Accelerator, offices, labs
E & F – Tech Foundry	280k sq ft	R&D, tech, labs
<u>Total</u>	<u>609k sq ft</u>	



Moderna Innovation & Technology Centre

Bespoke, Design to Build,
Large-scale Labs,
Manufacturing, R&D

Accommodation

145,000

Sq ft

Completed

Completion date



The Quadrangle



Scan for further details

The Quadrangle is located at the heart of the campus, complimented by the transformational landscape and public realm, including the Lightbox café and a gym, to foster collaboration and bring together the rich international campus community.

The Quadrangle is becoming the hub of the campus for **DeepTech** organisations, with **UK Space Agency, Thales Alenia Space, The Faraday Institution, Lockheed Martin, ESA, MDA, Origin Digital, Astroscale, HE Space, Radtest, Amentum and QuBic** in, or adjacent to, the Quadrangle.



Office & Lab

Accommodation

Small and large suites

Available now



Quad One, Two & Three





HARWELL

Lumen

Inclusive by Design.
Powered by Discovery.



Lumen at
a glance



Lab, R&D, Office

Accommodation

5,864 - 38,609*

Sq ft available space

Available now

*includes mezzanine allowance



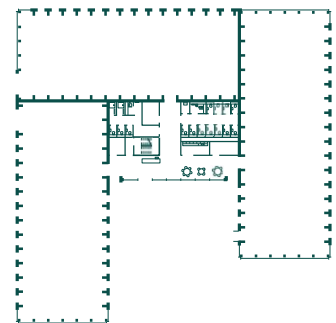
Scan for
further details
or [click here](#)

Zeta & Lumen

Zeta – a high profile detached building, in a prominent location facing Zeus.

Designed to be a self-contained building of 38,609 sq ft or up to three individual lettable units from 5,862 sq ft. Clear internal space capable of upper floor installation for flexible uses. A shared, furnished reception available.

Lumen UK's first neuroinclusive fitted lab space. Lumen is where every mind can thrive. Featuring calming acoustics, biophilic design and flexible neurozones to support diverse working styles, it combines high-performance CL2 labs with inclusive, accessible workspace





Accelerator Quarter

380,000 sq ft of leading-edge science space designed to accelerate innovation for start-ups, scale-up and grown-up science organisations. Co:Labs is the first building in our new Accelerator Quarter at Harwell.



15



Accelerator, Fully fitted, Shell Lab enabled, office

Accommodation

1,200 - 75,000

Sq ft available space

From Q3 2026

Completion date



Scan for further details or click [here](#)

Co:Labs

Managed accelerator CL2 labs with shared equipment room, fitted labs, lab-ready 'warm shell' floors for bespoke fit out. Co-working, offices, seminar space, café.



16



Lab, R&D, Office, Manufacturing

Accommodation

18,939 - 74,149*

Sq ft available space

Available now

*includes mezzanine allowance

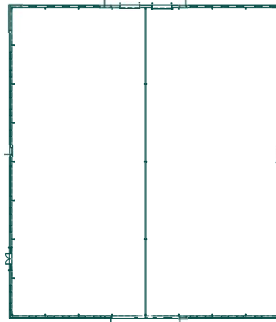


Scan for
further details
or click [here](#)

Tech Foundry 1

Tech Foundry is a series of flexible, design-led, R&D/ light industrial big box accommodation with additional first floor installation to suit occupier requirements

The building offers 10m minimum clear internal height, level access loading doors,



Lab, R&D, Office, Manufacturing

Accommodation

3,528 - 77,745*

Sq ft available space

Available now

*includes mezzanine allowance

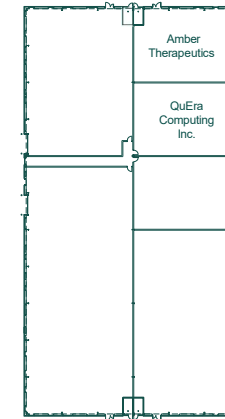


Scan for
further details
or click [here](#)



Tech Foundry 2

Unit sizes from 3,500 sq ft and has total capacity of 77,745 sq ft. 10m minimum clear internal height, level access loading door



Tech Foundry 3

Flexible workspace for multiple tenancy occupation, designed to enable a range of units from 5,380 sq ft to potentially one single occupation as large as 130,000 sq ft space.

5,800 – 130,000*

Sq ft available space, includes mezzanine allowance

Available now

Diamond Light Source

Harwell SSG Meeting – Thursday 23rd April

Katie Burke, Public Engagement Coordinator

What is Diamond Light Source?

- UK's National Synchrotron
- Not-for-profit
- Creates bright light for atomic level experiments

Costs taxpayers **£2.54**
per year, (less than a
cup of coffee).



Harwell Campus

Diamond

Central Laser Facility

ISIS Neutron & Muon Source

Scientific Computing Centre

Rosalind Franklin Institute

European Space Agency

RAL Space

Oxford Space Systems

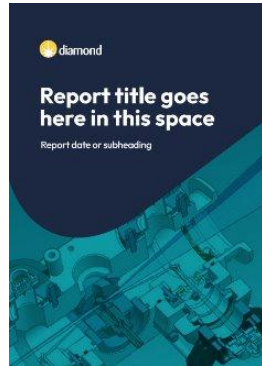
Moderna

Oxford Nanopore Technologies

Key Updates

November 2025 to April 2026

Diamond brand refresh



Annual reports



Recruitment brochures



Digital banners



Social posts



Website



Pull-up banners

Diamond-II – Diamond Extension Building now open!

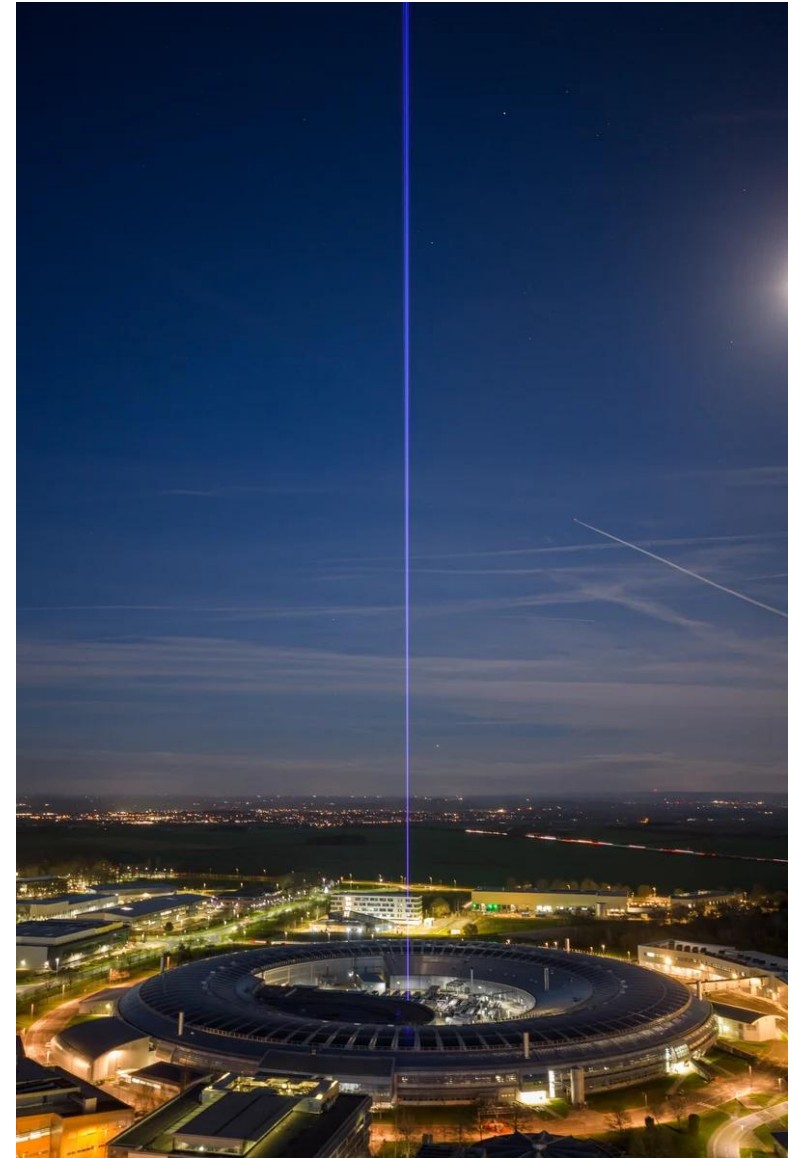
- Opened in March 2026
- Significant step in delivery of Diamond-II project
- DEB provides critical space for assembly of components of the new machine

“This building is the latest addition to the Harwell Campus and marks that continuous investment in the campus is important, not just for Diamond but to illustrate that this is a place for innovation.” – CEO Gianluigi Botton



The Beam

- New Year's Day 2026
- Most powerful display laser in the UK (2.2 million times more powerful than a typical laser pen)
- Reached up to 8km into the sky
- Part of The Light Project, marking 80 years of Harwell's world-leading science and innovation



Inside Diamond: open days

- Public open day – Saturday 21st March
 - 345 visitors – largest open day yet!
 - Refreshments provided by local scout group
 - Attendance from Nobel Prize winner John Jumper and his daughter
- Schools open day – Thursday 26th March
 - 209 students and teachers across the day
 - Travelled from around the country, including Lancaster and Birmingham

“I left feeling positive and enthused about all the good work taking place at Diamond; a real antidote in a time when all the news in the world is so grim.” – Public open day visitor



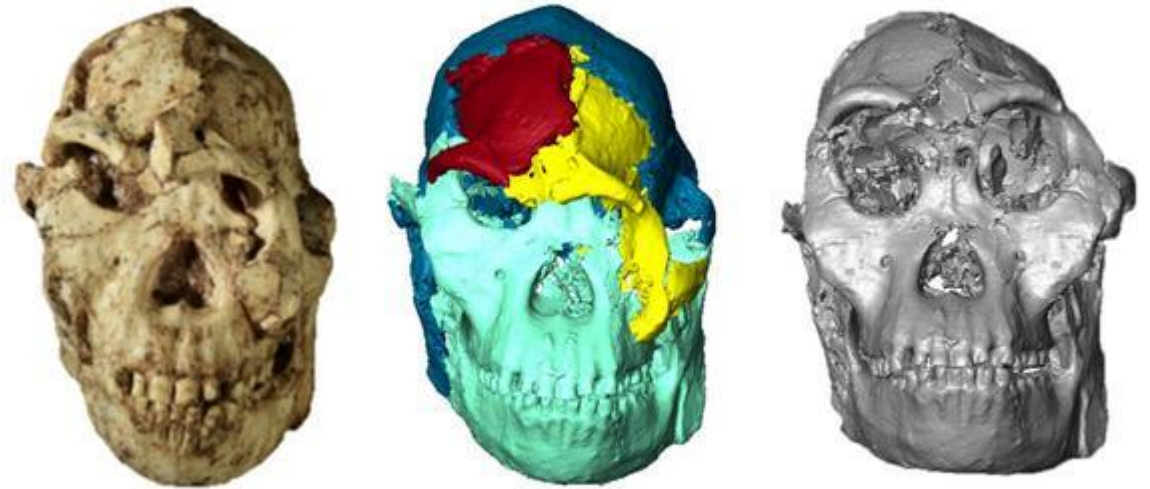
Foot-and-mouth disease vaccine impact report

- New impact report (released in January 2026) estimates that a next-generation vaccine against foot-and-mouth disease could deliver more than \$1.3 billion in annual global benefits and strengthen livestock resilience worldwide.
- Research for this next-generation vaccine was developed by a collaboration involving Diamond Light Source, The Pirbright Institute, MSD Animal Health, the University of Oxford and the University of Reading.
- The report highlights the critical role Diamond played in advancing the science behind a novel virus-like particle (VLP) vaccine.



Little Foot fossil digitally reconstructed

- New digital reconstruction of the face of Little Foot has been released (March 2026).
- The 3.67-million-year-old fossil was discovered in the Sterkfontein Caves in South Africa. The specimen is the most complete early hominin skeleton ever found.
- Using Diamond's I12 beamline, researchers were able to capture high-resolution structural data. This was used to reconstruct Little Foot's face, accounting for deformation that occurred during fossilisation.
- Their results reveal that Little Foot may represent a lineage closely related to East African populations.



Credit: Amelie Beaudet/Wits University

Any questions?