
Harwell Space Cluster

Harwell

Why the UK is the place to grow your space business





Harwell Space Cluster is the Gateway to the UK Space Sector

89

Space Organisations

950

People

Multidisciplinary Innovation

National Facilities

Funding & Support

Accessible

UK industry, academia & Government working together



Target 10% of global
space market by
2030, £40bn



£13.7bn

Total Income in 2014/15



38,500

Employees in
2014/15



2.7x

Labour productivity
compared to UK
average

Harwell is a Science & Innovation Campus

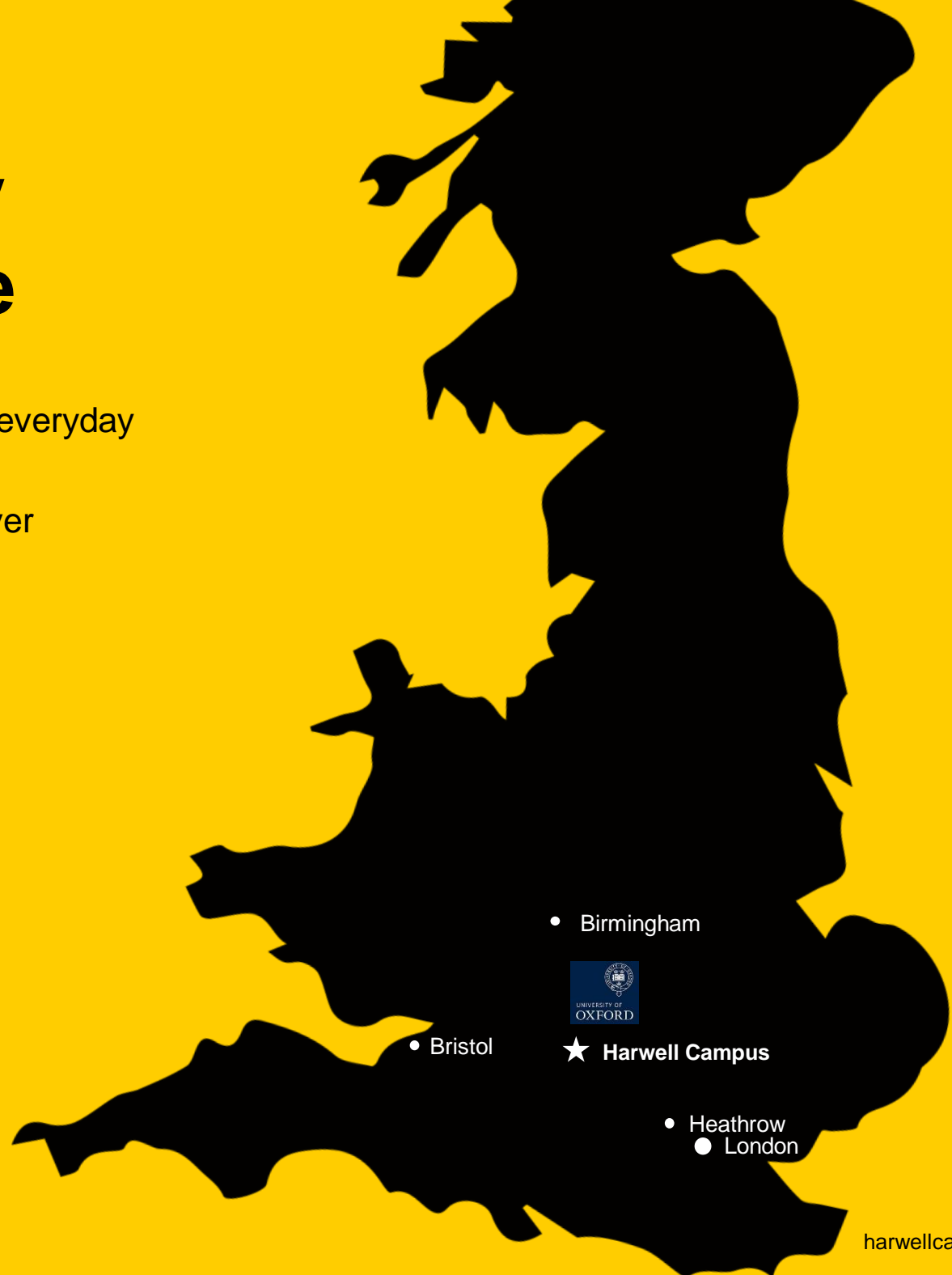
- ▶ Over £2bn of world-leading research infrastructure at the Science & Technology Facilities Council, including Diamond Synchrotron, Neutron Spallation Source and Laser Facilities
- ▶ RAL Space testing and validation facilities, including thermal chambers. National Satellite Test Facility opens 2020
- ▶ 200 organisations ranging from start-ups and SMEs to multinationals and publicly funded organisations



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Home to a highly skilled workforce

- ▶ 5,500 people work at Harwell Campus everyday
- ▶ Multinational workforce representing over 60 nationalities
- ▶ 30 minutes from Oxford University
- ▶ 45 minutes from London - Heathrow



Opportunity to innovate with Harwell's other Clusters



Space



HealthTec



EnergyTec

By exploring other markets through these Clusters we enable multidisciplinary innovation

Engage with collaborators through regular events



Access world class facilities



Advanced Manufacturing Lab, Climate Office and Business Incubation Centre



Design, test and validation facilities including clean rooms and thermal vacuum chambers.



Near and far field test ranges, satcomms lab and operations centre

Connect with private and public funding organisations

UK based space organisations are eligible to apply for grant funding from a variety of public organisations:

- ▶ Funding opportunities are normally through 'Calls' or competitions, many of which are themed
- ▶ Usually funding is for up to 50-70% of total costs

There are also a range of private investment funds in the UK, including Seraphim Capital (a specialist space fund)



Innovate UK

UK Research
and Innovation

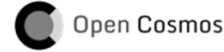
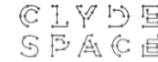


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Why have companies chosen Harwell Space Cluster?

“Harwell is a great place for us to develop links into the supply chain to accelerate Effective Space’s growth.”



“Harwell has a unique vibrant environment where space and non-space organisations exchange ideas and develop business.”



“The growth of the space commercial sector, linked to the life sciences sector, makes Harwell a unique place to develop partnerships and new business opportunities.”



“Harwell provides a great opportunity to engage with small, medium and large companies who, like us, are passionate about growing the space sector to benefit the UK economy.”



“Harwell is the emerging centre for UK space technology and application innovation, as such it is an ideal location for a world leading company like MDA to build its business.”



“The comprehensive support from the UK government and related agencies made the decision to set up shop at Harwell an easy one.”





Deimos UK is a subsidiary of the Spanish company Elecnor Deimos and offers expertise in flight systems, ground segment systems, space situational awareness, satellite navigation, EO applications and services.

- ▶ November 2013: Established UK subsidiary at Harwell Campus to address the UK and UK-export market, supported by Department for International Trade.
- ▶ December 2014: Took over business of Magellium UK Ltd, bringing additional contracts and capability in EO applications


▶ Currently a growing team of 20 people collaborating with Satellite Applications Catapult and working on projects, some of which are funded by Innovate UK, UK Space Agency and ESA.

“Harwell Campus has been the ideal environment for Deimos to grow and gain credibility in the UK market.”



Founded in 2013 in Singapore by Nobu Okada, an IT entrepreneur with an aim to address orbital debris removal.

- ▶ May 2015: Established R&D office in Japan
- ▶ March 2017: Established UK subsidiary
- ▶ July 2018: Announced £4m grant from UK Government to establish a National In-Orbit Servicing Control Facility at the Satellite Applications Catapult in Harwell, in collaboration with Harwell Space Cluster companies: GMV, Rhea Group and Catapult
- ▶ November 2018: UK team of 15 people at Harwell Campus

A photograph of the Astroscale team in a control room. Three people are standing in the background, and two are sitting at a desk with multiple computer monitors in the foreground. The room is dimly lit, with the primary light source being the screens.

“Harwell Space Cluster is a natural home in the UK for our innovative new space company.”

Contact

Be part of the exciting future of Harwell Campus

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To find out more, watch our video.



Stakeholder Organisations

