



Daresbury Science
& Innovation
Campus



Putting business at the
heart of science

www.daresburysic.co.uk



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A New Paradigm for Science & Innovation

Daresbury Science & Innovation Campus is an internationally recognised location for high-tech businesses and leading-edge science. It represents a fundamentally new approach to driving UK competitiveness in global science and innovation.

The Campus represents the Government's commitment to develop a **'major international centre of expertise in science and innovation'** and a **'major driver for the regional and national economy.'**¹

It is a location where high-tech businesses and leading science can co-locate, exchanging knowledge, facilities and expertise.

“Daresbury is a world-class facility. I am proud that we have such a facility in our country and in the north-west region, as well as an innovation centre that is world beating and path breaking in its research.”

The Prime Minister, The Rt Hon Gordon Brown MP,
January 2008

Government Backing from the Outset

Officially opened in 2006 by Lord Sainsbury, the then Science Minister, as part of a government initiative to maximise the effects of public investment on business-science collaborations, Daresbury Science & Innovation Campus is one of two new National Science & Innovation Campuses, the other being at Harwell in Oxfordshire. They are linked by a common stakeholder, the Science & Technology Facilities Council (STFC).

Rt Hon John Denham MP former Secretary of State for Innovation, Universities and Skills, December 2007



The Daresbury Innovation Centre became home to almost 100 companies within five years of opening and is now a regional hub of networking activity

Unlike any other Science Park

Daresbury Science & Innovation Campus' mission goes far beyond the provision of accommodation to high-tech companies, and is more ambitious than that of a university-linked business incubator; its mission is to drive a new open innovation model based on multi-partner and pan-regional collaboration in science and innovation.



Leading international players from science and industry have been drawn to locate at Daresbury Science & Innovation Campus



Stakeholders - The Future of Innovation

At Daresbury Science & Innovation Campus everywhere you look there is opportunity to grow and develop, together with the necessary support to reduce the risk and tackle the challenges. Six major stakeholders make up the Campus' board, between them addressing every aspect of its local and national impact.

Daresbury Science & Innovation Campus Mission:

- Daresbury Science and Innovation Campus will be internationally-recognised for world-class science, innovation and enterprise
- Successful collaborations will help to deliver world-class science and stimulate prosperous knowledge-based businesses and high skills jobs

The stakeholder group is led by the Northwest Regional Development Agency (NWDA), which has funded the Campus' development as a major strategic site for science and innovation, and the Science & Technology Facilities Council (STFC) which brings an international scientific reputation, leading scientific and computational facilities and world class expertise. Further dimensions are added by the three leading universities of Lancaster, Liverpool and Manchester, between them providing access to leading research, knowledge exchange and skilled graduates.

The local authority, Halton Borough Council, provides input into infrastructure, Campus development and a host of other services to business.

The stakeholders' shared vision is to continue to attract major public and private sector investment on a scale that will greatly increase the level of high skills science and technology jobs in Halton Borough and across the Northwest. By bringing organisations physically closer together and enhancing networking opportunities, this enables significant knowledge to change hands between the STFC, universities and businesses, creating a melting pot of ideas and collaborations.



Networks - A Model for Success

With links to every research-led university in the UK and many abroad, along with a rapidly expanding commercial network, Daresbury SIC is perfectly placed to connect people and ideas on a global basis. As well as this, the STFC's key roles in computational science and particle physics create a magnet for a wide range of high-tech enterprises.

Businesses are drawn to the Campus through the Daresbury SIC Network; a membership community of high-tech SMEs, multi-national corporations and business support organisations. Members meet regularly at networking events and also have the opportunity to forge connections online through the Campus' community website, NewsHub. In addition, Daresbury SIC delivers specialist advice and support sessions through its access2experts programme, and keeps all network members informed of Campus initiatives through its online News service.

A further facet of the Campus' multi-partner approach is the commercial exploitation of new technologies. Knowledge is exchanged through the STFC's technology exploitation company STFC Innovations Ltd, as well as the Universities' technology transfer groups, which work closely with technical inventors to progress individual projects, either to the point of implementation as commercial licenses or as spin-out companies.

Spanning the Sectors

By linking into a broad network of regional associates, Daresbury Science & Innovation Campus is well positioned to take a strategic overview of a wide range of technology and market sectors.

Whether it's in digital/ICT, biomedical, advanced engineering, energy and environmental technologies, or a growing list of other areas, the Campus reflects the breadth and depth of the industrial and scientific hotbed that is England's Northwest. Its attraction for high-tech businesses of all sizes grows daily as the critical mass of talent and expertise surrounding them grows.



Doing Business at Daresbury

Doing business at Daresbury Science & Innovation Campus is a particularly high quality experience on many levels. Whether it is connecting to the global scientific community built up over almost five decades, or operating out of a highly sought-after business and scientific address, companies that come to Daresbury Science & Innovation Campus are given every possible opportunity to grow.

"In the Daresbury Innovation Centre we are perfectly placed to benefit from the world-class scientific facilities of the Daresbury Laboratory and a ready-made network of like-minded innovators, entrepreneurs and support communities. The impressive, modern building houses a superb facility in which to grow our new business."

Roger Goldsbrough,
Managing Director of Quantum Detectors²

"We are greatly encouraged by your vision, and are extremely pleased to have the opportunity of becoming part of this exciting community."

Lisa Layzell,
Managing Director of Thinspace³

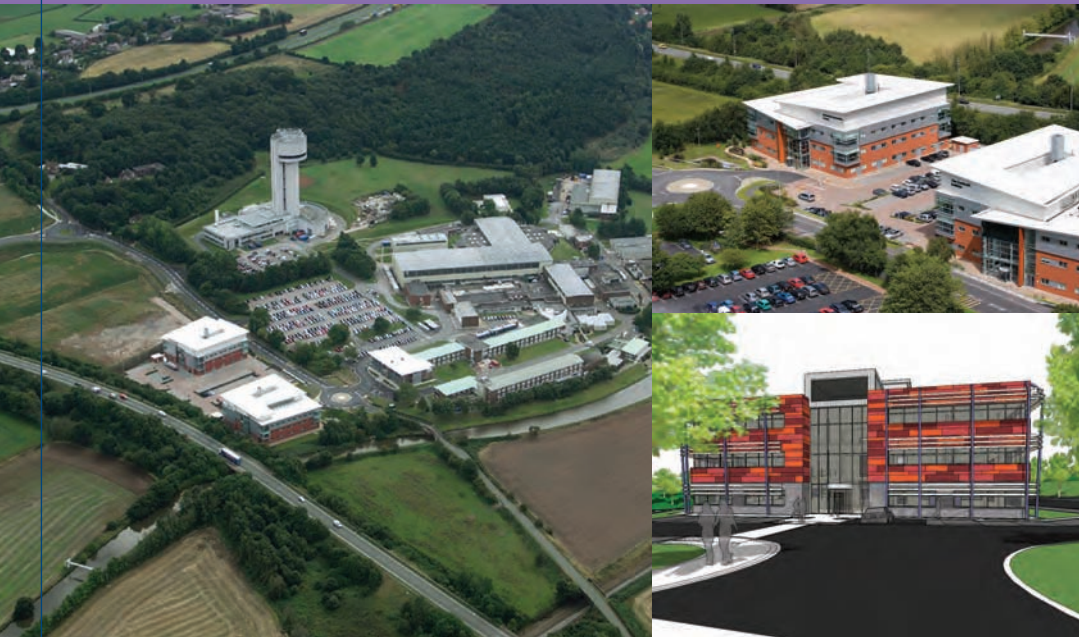
"Daresbury Laboratory and the high-tech companies within the Innovation Centre provide a rich seam of potential collaborative projects for IBM. IBM's Deep Computing Unit sees the Campus as key partner in exploiting the opportunities coming from next generation high performance computers."

Andrew Grant,
Deep Computing Team,
IBM Systems and Technology Group⁴

² Quantum Detectors products were created at the first purpose built synchrotron in the world, the SRS at Daresbury. Key applications include helping pharmaceutical companies design new drugs.

³ Thinspace is a specialist IT/AV hardware and software company based at the Daresbury Innovation Centre. It is a leading solutions provider specialising in 'Thin Client' hardware and software.

⁴ IBM has had a presence at the Daresbury Innovation Centre since the Campus was first established - its Deep Computing Unit is responsible for large scale computational science and collaborative innovation.



From high-tech start-up to multi national HQ, the Campus has space for all scales and ambitions. The next stage of development of the Campus will start with Vanguard House, a major new facility for established high-tech companies

The Northwest - A Scientific Hotbed

With about one third of the regional economy of £100 billion being dependent on science & technology, the Regional Science Strategy, developed by the Northwest Science Council, seeks to build on the region's considerable strengths. It focuses on the key science-based sectors, comprising: aerospace, biohealth, chemicals and nuclear, with close monitoring of emerging opportunities and development of strategic science sites, of which Daresbury Science & Innovation Campus is a leading example.

A key part of the NWDA's investment in infrastructure at strategic sites in the region has included over £50 million of investment at Daresbury SIC resulting in the Daresbury Innovation Centre and Cockcroft Institute buildings. Being part of this pan-regional vision gives the Campus the momentum and backing to make it a unique proposition for business and science.

On the International Map

Through its stakeholders, Daresbury Science & Innovation Campus is connected to a global network of scientists and innovators.

Daresbury's expertise in areas such as prototyping, advanced manufacture and large scale project management, opens up vast international networks of partners and supply chains as well as inward investment channels. Since locating at Daresbury Science & Innovation Campus, many businesses have used this network, as well as specialist international marketing support from UK Trade & Investment to branch out into international markets.

One such company, Calon Associates Ltd, used UKTI funding to take its temperature and lighting control systems into the European marketplace. By attending emerging technology conferences in Netherlands, Denmark and Austria, Calon was able to experience, first hand, the market characteristics of a range of European regions and identify distributors in Denmark and across the Benelux countries.



Turning Ideas into Innovation

Daresbury Science & Innovation Campus' strength lies in partnership. A rich diversity of collaborations creates a firm scientific and commercial foundation upon which business and science are given the best chance of success. This includes business support projects directing funding to where it will be most effective, and opportunities to collaborate in research, innovation and commercial exploitation.

As well as the strong relationships with stakeholders, partners include UK Trade & Investment (helping companies do business abroad and attracting international inward investment), Business Link (channelling advice and support into businesses), a range of venture capital funds and Angel networks and the North West Innovation Network (providing the Campus with a ready-made network of regional science parks and incubators).





Gateway to a New Scientific Era

The Campus model is the most innovative and far-reaching aspect of the STFC's knowledge exchange strategy. The focus at Daresbury is on creating a national technological capability in the areas of computational science and accelerator and detector R&D. To do this, it is creating two new technology gateway centres which will provide access to facilities and expertise and, through the campuses, act as focal points for wide scale collaboration.

A computational sciences technology gateway centre, to be called The Hartree Centre, will focus on multi-disciplinary, multi-scale simulation, and provide a step-change in computational modelling capabilities for strategic themes in energy, life sciences, the environment, materials, and fundamental physics.

This will be joined by a detector systems gateway centre, providing a conduit for academic and industrial collaborators, and applying STFC's world-class detector capabilities in areas such as security and biomedical imaging.





“Over the last 25 years the Daresbury Campus has become synonymous with leading edge scientific research... I am determined that the future for Daresbury should be equally strong and I'm therefore committed to developing the Campus as a major international centre of expertise in science and innovation.”

Rt Hon John Denham MP, former Secretary of State for Innovation, Universities and Skills

An Environment where Ideas can Flourish

Set in 25 hectares of gently sloping rural landscape flanked by coniferous woodland and the Bridgewater Canal, the Daresbury Science & Innovation Campus provides the perfect location for businesses seeking a spacious and attractive location.

Situated between Manchester and Liverpool, and no more than half an hour's drive from either airport (between them serving over 250 destinations worldwide), The Daresbury Science & Innovation Campus offers the ideal location to develop ideas and market them to the world.

The Future - Where Science meets Society

Plans for Daresbury are ambitious. A master-planning study has been completed producing a long-term vision to develop a 'Technology Village' employing up to 10,000 people. This will further integrate government investment in world-class science and innovation with the business community. By combining scientific, commercial and residential communities in this way, a truly innovative model for sustainable economic growth is rapidly beginning to take shape.



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