



Daresbury Science & Innovation Campus

Daresbury Science & Innovation Campus will be internationally-recognised for world-class science, innovation and enterprise

Successful collaborations through the Campus will help the world-class science stimulate prosperous knowledge-based businesses and highly skilled employment.



Set on 30 hectares of Cheshire countryside between Liverpool and Manchester, stakeholders include the Science & Technology Facilities Council (STFC), Northwest Regional Development Agency (NWDA), Halton Borough Council and the universities of Lancaster, Liverpool and Manchester. The Campus currently consists

of the STFC Daresbury Laboratory, the Cockcroft Institute (The National Centre for Accelerator Science) and The Daresbury Innovation Centre. It is home to over 90 companies, based mainly in the Daresbury Innovation Centre, typically from the biomedical, digital/ICT, advanced engineering and energy/environmental sectors.

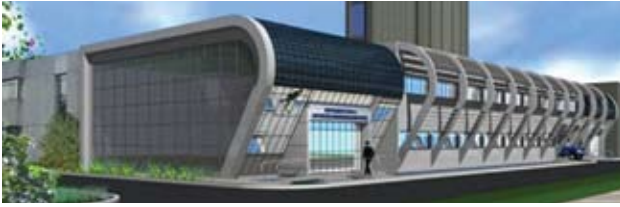
Business Growth and Collaboration

In 2008 businesses in the Daresbury Innovation Centre generated sales of £14.9m and grew at 67% in the year. They have now created 97 new jobs and have raised £20.5 million in private investment since 2005. 73% of companies actively collaborate with each other through buyer-seller relationships, joint ventures or partnerships and 71% of companies are actively engaged with either the STFC or the stakeholder universities.

A leading example of the Campus' collaborative ethos is IDEAS at Daresbury - an exciting new partnership between the Business and Management Schools of the stakeholder universities - Manchester, Liverpool and Lancaster, along with ImaginationLancaster, Lancaster University's creative design research lab. It has been awarded funding from the European Regional Development Fund and the NWDA to deliver a programme to drive innovation into 40 regional SMEs. IDEAS at Daresbury will have a research focus in open innovation, enterprise development and economic impact analysis.

The Campus is also home to the Medical Technology Exchange Centre, (MedTEC), which will allow more rapid engagement of the NHS and other health-related organisations in the innovation process. MedTEC hosts an office of the Northwest NHS Innovation Hub (TrusTECH) which was created to help regional NHS staff to identify and protect innovations that could be commercialised or shared to improve patient care. MedTEC will enable STFC to combine its Healthcare Futures Programme with a TrusTECH hub office and a hotdesk for other partners from the healthcare sector.





Architects' visuals:

Top: Detector Systems Centre. Bottom: Hartree Centre,



The ALICE particle accelerator

Scientific Facilities, Investment and Partnership

The Campus is home to SuperSTEM the world's highest resolution electron microscope, along with world leading facilities in materials analysis such as the National Centre for Electron Spectroscopy & Surface Analysis (NCESS) and the Medium Energy Ion Scattering Facility (MEIS). The Engineering Technology Centre will further focus the Campus' critical mass of expertise for advanced engineering and instrumentation in a hub for collaboration with partners from industry and higher education.

In 2008 the government announced it is to invest £65million into two major scientific centres on Campus, to be known as technology gateway centres. These centres will act as collaborative hubs, providing a key interface between industry,

academia and government science. A national centre for high-performance computing, to be known as The Hartree Centre, will enable cutting edge research in computer modeling and simulation; while The Detector Systems Centre will support the research, design and fabrication of sensors.

Campus stakeholders have also been making significant scientific progress thanks to the partnership approach at Daresbury. The University of Liverpool is constructing Europe's most intense terahertz (THz) radiation source on the Campus' ALICE particle accelerator (Accelerators and Lasers in Combined Experiments) with applications that include the further development of cancer research.

The Future

The next phase of development is the plan to build a grow-on facility for larger and more established companies. This is the first step in an ambitious 30 year masterplan being progressed to expand across a 300ha site creating a 'technology village' and a home to some 10,000-15,000 people working in science and technology.

