

Exploiting world class capabilities in materials chemistry

The Knowledge Centre for Materials Chemistry (KCMC) is a virtual centre of expertise providing companies with a single point of access to multi-disciplinary research and innovative knowledge transfer based on world class research capabilities in applied materials chemistry. It brings together leading edge knowledge and expertise from the Universities of Bolton, Liverpool, Manchester and the Science and Technology Facilities Council at Daresbury, in a unique partnership with Chemistry Innovation focused on defined industry needs.

Emerging from a need identified by the North West Science Council - and following wide consultation with industry, academia and the Northwest Development Agency - Chemistry Innovation has played a key role in delivering this ambitious £30 million project.

Launched in March 2009 by the Secretary of State for Innovation, Universities and Skills - John Denham, the KCMC will initially create over 200 new collaborations in materials chemistry that will enable industry to harness the knowledge and expertise of the academic partners in order to deliver innovative products and processes.

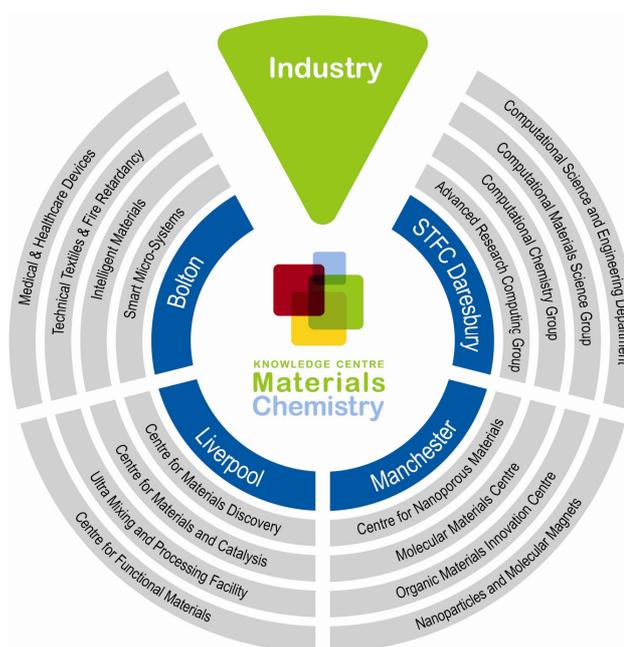


KCMC team and academic partners pictured with SoS John Denham

KEY BENEFITS TO INDUSTRY

- Easier access to senior academics operating at the leading edge of their science discipline
- Increased responsiveness from partner institutions with the ability to try out and prioritise new ideas, and innovate products more quickly
- Reduced costs and shared risk for medium term and more speculative research
- Pro-active help in formulating, managing and delivery of collaborative projects
- Access to world class facilities with state-of-the-art equipment
- Opportunity to recruit high calibre staff with excellent science/engineering and business skills

Single point of access to a wide range of multi-disciplinary research in applied materials chemistry



Materials chemistry covers a broad range of science and technology competencies crucial to the delivery of innovation in fields as diverse as pharmaceuticals, personal care products, electronic materials and renewable energy sources.



Hosted by Chemistry Innovation, the KCMC facilitates innovative knowledge transfer to companies by carrying out collaborative translational research in materials chemistry from the bench into bottles, solar cells, tablets and formulated materials – as part of a world class science activity.



The KCMC is a partnership between Chemistry Innovation and: