

EPSRC Delivery Plan Scorecard 2011-2015

EPSRC is developing plans for implementing all of the main Delivery Plan themes; these provide more detail on delivering the objectives to achieve the intended outcomes and are available on the website at

<http://www.epsrc.ac.uk/plans/approach/implementingdeliveryplan/Pages/default.aspx>

Internally, senior management monitors progress using the implementation plans, complemented by a set of corporate Key Performance Indicators. EPSRC Council also assesses progress through regular business updates (including scorecard reports) and greater levels of engagement of individual Council members in specific delivery workstreams.

Strategic Goal	Desired Outcomes	Milestones	Progress	Status
<p>Delivering Impact</p> <p>Research and training portfolio shaped according to national importance.</p> <p>HEIs and researchers embedding impact (including public engagement activities) as part of normal business.</p> <p>Effective relationships with business (and other users) and researchers.</p>	<p>EPSRC sponsorship of research and training optimised to facilitate impact, based on an understanding of innovation needs in priority areas.</p> <p>By 2013 we will be responding to users more effectively through having adopted a cross-sectoral approach to strategic partnerships with more companies working together, facilitated by EPSRC coordination and involving their supply chain SMEs.</p> <p>By 2013 we will have detailed understanding of different innovation opportunities in our priority areas.</p> <p>Research users will have improved access to, and understanding of, the UK's research capability through on-line access to our portfolio. By working with others (e.g. TSB, KTNs, LTN, Industrial partners' supply chains, etc) we will have helped to promote, interpret and disseminate the past and current portfolio of research knowledge to existing and new research users.</p>	<p>Online systems to gather and disseminate outcomes and outputs in place by December 2011.</p>		RAG
<p>Shaping Capability</p> <p>Defining the landscape of research we wish to support and concentrating more of our support in clusters of excellence within an environment of constrained resource.</p>	<p>By 2013 – EPSRC landscapes defined and understood</p> <p>Universities and main stakeholders on board and supportive ; necessary processes have been developed to deliver and are deemed robust and transparent</p> <p>By 2015, EPSRC portfolio integrated and shaped and linked more clearly to national need.</p> <p>By 2015, major clusters have the critical mass necessary for them to compete on a national stage and are recognised as being internationally leading.</p>	<p>Portfolio landscapes published by July 2011.</p>		RAG

Developing Leaders Developing current and future leaders with flexible support packages.	By 2013 we will have introduced a new approach to supporting fellowships which will enhance the development of future leaders, eg by increasing opportunities for mobility By 2015 research teams built around EPSRC-supported leaders in priority areas. By 2015, more of our researchers recognised internationally as leaders.	New Fellowships framework launched by July 2011		<i>RAG</i>
Delivery Plan Objectives	Desired Outcomes	Milestones	Progress	Status
NATIONAL CAPABILITY				
Shape national capability through the application of Excellence and Importance as selection criteria. Encourage the most creative and potentially transformative research to flourish by promoting creative approaches to research.	<ul style="list-style-type: none"> By 2015 portfolio reflects desired shape for national capability and includes increased levels of creativity and transformative research as judged by peer review. 	Portfolio landscapes published by July 2011		<i>RAG</i>
MAINTAINING THE FLOW OF SKILLED RESEARCHERS				
Increased quality of PhD training, through a cohort-based approach.	<ul style="list-style-type: none"> By 2015 there will be enhanced quality of doctoral training in EPS with trained students having the range of skills and experience required by employers. By 2015 there will be a greater proportion of PhD students trained in areas of strategic importance. 	By Jan 2012, Review of CDTs completed and set direction for future training support.		<i>RAG</i>
LARGE-SCALE RESEARCH FACILITIES				
Strategic use and sharing of equipment, including access to multi-user facilities.	<ul style="list-style-type: none"> By 2013 – Plan in place and implementation begun for provision of High-Performance Computing services to end of CSR period. A new approach to commissioning large items of equipment in place. By 2015, 75% of the large equipment items we commission will be shared across universities. Partnerships will be in place for the provision of access to computational services. 	Upgrade to HECToR implemented, available to users January 2012.		<i>RAG</i>

GLOBAL, ECONOMIC AND SOCIETAL CHALLENGE THEMES

Delivery Plan Objectives	Desired Outcomes	Milestones	Progress	Status
<p>Manufacturing the Future</p> <p>Shaping the EPSRC portfolio towards the needs of the manufacturing industries by focusing on skilled leaders, sustainable manufacturing and industrially relevant training.</p>	<ul style="list-style-type: none"> National leadership in upstream manufacturing research significantly enhanced. Better integration of the research base with UK industrial infrastructure. The skills base strengthened through support of future leaders and researchers with relevant business experience. strong base of research in areas with potential for disruptive or transformative benefits for manufacturing industries. 	<p>Study of the Economic Impact of the IMRCs completed by April 2011.</p> <p>Competitor analysis of UK activities in Manufacturing research completed by May 2011.</p>		RAG
<p>Energy</p> <p>Leading the RCUK Energy theme, to secure a low-carbon future and meet the UK's 2050 carbon dioxide reduction targets through reliable, economically viable energy systems.</p>	<ul style="list-style-type: none"> UK positioned to deliver UK 2050 climate change targets – by 2013 EPSRC will have supported speculative research in areas such as energy demand reduction, novel solar, transport and energy storage; by 2015 UK capacity in energy skills will be strengthened. More complete understanding of future UK energy options including technological, social, environmental and economic aspects. 			RAG
<p>Digital Economy</p> <p>Leading the RCUK Digital Economy theme focusing on research in New economic and business models and Sustainable society, IT's role as a utility and Communities and Culture .</p>	<ul style="list-style-type: none"> Societal and economic impact having been delivered in each of the four priority themes (highlighted in bold). To ensure maximum impact, the programme will be more closely linked to the key policy making departments. This will be achieved through regular dialogue. 	<p>Review of Digital Economy hubs - April 2012.</p>		RAG
<p>Healthcare Technologies</p> <p>Focusing critical mass around key capability areas, prioritising opportunities for transformational impact and increasing translation of research into clinical products and practice.</p>	<ul style="list-style-type: none"> EPSRC portfolio has been focused into leading teams working a series of priority healthcare technology areas to accelerate translation to products and practices. Stronger alignment with other funders on joint healthcare challenges where EPS offers transformative potential. 			RAG

CROSS-COUNCIL AND CROSS-GOVERNMENTAL WORKING

Delivery Plan Objectives	Desired Outcomes	Milestones	Progress	Status
<p>Living with Environmental Change (LWEC): Design and delivery of multidisciplinary programmes in the design, operation and maintenance of critical UK infrastructure.</p> <p>Global Uncertainties Focusing the portfolio around the government's strategy for countering terrorism and providing cyber security.</p>	<p>Increased number of leading research teams, strengthened skills base and increased engagement between LWEC research and government, with increased impact on government policy.</p> <p>By 2015 cybersecurity theme grown, and focussed, with all aspects integrated in terms of formulation and delivery.</p>			RAG
<p>Building/maintaining strong relationships with key government departments.</p>	<p>Strong relationships with key government departments enable sharing of information, priorities and advice, with multiplier effects for public funding.</p>			RAG
<p>Maximising impact through alignment and partnership with TSB (including TICs), ETI and similar organisations in priority areas.</p>	<p>By 2013 Partnership and alignment activities with TSB, ETI and similar organisations, positioned with a detailed understanding of innovation opportunities across our portfolio by April 2013.</p> <p>By 2015 our priority areas influencing and aligned with some of the TSB and ETI priority themes, providing continued pull-through of ideas and skilled people with demonstrable impact in key areas such as high value manufacturing, energy and development of high-risk, emerging technologies.</p>			RAG

ECONOMIC IMPACT

ECONOMIC IMPACT				
Delivery Plan Objectives	Desired Outcomes	Milestones	Progress	Status
<p>Embedding impact as part of normal business.</p> <p>Effective relationships with business and researchers (including connecting users with the EPSRC portfolio).</p> <p>PhD training delivering for industry.</p>	<ul style="list-style-type: none"> • Research users will have improved access to, and understanding of, the UK's research capability through on-line access to our portfolio. • By 2013 we will be responding to users more effectively through having adopted a cross-sectoral approach to strategic partnerships. 	<p>Online systems to support information sharing in place by December 2011.</p> <p>Sector-wide or cross-sector Strategic Partnership under way in pilot area by Dec 2011.</p> <p>Study on the value of PhDs to the UK economy completed by June 2011.</p>		<p>RAG</p>
DRIVING EFFICIENCY				
<p>Maximising value through increased efficiency.</p>	<ul style="list-style-type: none"> • Increased collaboration and sharing of equipment/facilities between universities. • Demonstrated efficiencies, including through the delivery of common services and implementation of the EPSRC internal Target Cost Project (TCP). 	<p>Publication of revised requirements for equipment applications on grant proposals (May 2011).</p> <p>Implementation of the Wakeham recommendations by 2012.</p>		<p>RAG</p>