

Objective 1 – Global Competitiveness

Target 2 – Knowledge Transfer and Business Expenditure on Research and Development

Increase the proportion of businesses in the South East reporting R&D links with universities from 11% in 2005 to 15% by 2016, and increase business expenditure on research and development in the South East from 3.2% of Gross Value Added in 2003 to 4% by 2016

Action 2.1 – Respond, with advice of SESETAC, to the Government’s 10-Year Investment Framework on Science and Innovation, through developing and delivering SEEDA Innovation Action Plan.

Activity(ies)	Contribution to the Target	Partner(s) (lead partner(s) in bold)	Timescales			Required Funding	Funding source(s)
			07-08	08-11	12-16		
Develop South East Innovation Action Plan Research, identify and then focus on priority market led technologies, sectors and companies.	Quantify the Gross Value Added target and identify the scale of the market and therefore the scale of support required to assist 2,000 new companies reporting Research & Development links with Universities. This also supports Action 3.1	South East England Science, Engineering and Technology Advisory Council , Business, Higher Education South East, Higher Education Institutions, Sector Consortia		●		£150k p.a.	Higher Education Funding Council for England, Research Councils, match funding from business

<p>European Funding for Innovation Support Small & Medium Enterprise and university bids for Framework Programme 7 and extend South East Innovation Networks to European Union.</p>	<p>£30 million of new European and private sector R&D funding raised. 90 Trans-national technology transfer deals. 200 new business-knowledge base collaborations and 800 new business-knowledge base interactions. £2.4m EU funding leveraged</p>	<p>Business Link Providers, London Technology Network, Euro Information Centre,</p>		●	●	£400,000 p.a.	European Union Competitiveness and Innovation programme
<p>Technology Strategy Board Engage with the national Technology Strategy Board to lever national resources to assist us to meet the RES target, ensure integration between SEEDA's innovation support, our global market priorities and the national Innovation Platforms and alignment the with national strategy for procurement and for skills.</p>	<p>Three new innovation platforms developed involving 60 companies (this includes additional KTP and Voucher funds)</p> <p>Three science and innovation campuses.</p> <p>SEEDA is already piloting the first Innovation Platform with Department for Trade & Industry, Department for Transport, Engineering and Physical Sciences Research Council.</p> <p>Leverage £30M TSB and private sector funding</p>	<p>Technology Strategy Board, Department for Trade & Industry, Higher Education South East, Higher Education Institutions, Government departments (Department for Transport, Department of Health, Department of the Environment, Food & Rural Affairs, Ministry of Defence, etc.), UK Trade & Investment</p>		●		£15M	Technology Strategy Board calls for Research & Development, Government Departments, Private sector
<p>Innovation Networks Facilitate the formation of innovation networks across all sub-regions – connecting people with a shared interest in innovation.</p>	<p>Five new innovation networks developed involving 500 new companies and generating 50 new business/knowledge base collaborations.</p> <p>Linked to 3.2</p>	<p>Economic partnerships</p>		●	●	£4M	Local Authorities, Universities
<p>Cross Cutting Issues ICT & Broadband • SEEDA's Innovation Action Plan should pay particular attention to ICT as a known enabler of change and innovation.</p>							

Action – 2.2 (New Action). Promote the strengths of the South East’s knowledge base, including Higher Education institutions and public sector research establishments, to regional, national and international businesses. Assist foreign companies to access the innovative capabilities of the region’s knowledge base and businesses.

Activity(ies)	Contribution to the Target	Partner(s) (lead partner(s) in bold)	Timescales			Required Funding	Funding source(s)
			07-08	08-11	12-16		
Innovation Collaborations Develop and maintain 6-8 knowledge networks between universities, SMEs and large businesses.	Increase number of business innovating (target 3) including through increased R&D spending (target 2). 600 new business to knowledge base collaborations, and a further 900 interactions (including business to business collaborations)	Knowledge Network Programme Large companies, Small & Medium Enterprises, Higher Education Institutions, Finance South East		●		£500K p.a.	SEEDA, Large companies
Innovation Partnerships Deepen the relationships between business and knowledge base through new flexible Knowledge Transfer Partnerships. This will include mini-KTPs, international KTPs and STEP awards.	65 new business to knowledge base collaborations	Knowledge Transfer Partnerships TSB, Research Councils, RDAs, DAs, Government Departments		●		£600K p.a.	SEEDA, TSB, businesses especially SMEs and micro-businesses.

<p>Open Innovation Promote Open Innovation to strengthen the "Knowledge Supply Chain"; develop Corporate Venturing and Partnering in the Region.</p>	<p>20 corporate ventures and partnerships formed (business to business). This also supports Action 3.7</p>	<p>Higher Education Institutions, Multi-National Enterprises, Small & Medium Enterprises, Public Sector Research Establishments</p>		●	●	£1.5M	SEEDA
<p>Attract New Research & Development Inward Investment Work with the UK Trade & Investment to assist in attracting new Research & Development investment into the South East through encouraging international collaborations with the region's universities.</p>	<p>Five collaborations built between international Research & Development firms and clusters and Universities in the South East of England, involving 100 other businesses and universities (business to business and business to university). Linked to 1.1</p>	<p>UK Trade & Investment, Higher Education Institutions, Higher Education South East, Public Sector Research Establishments, Higher Education Funding Council for England, Business</p>		●	●	£250,000 p.a.	SEEDA, UK Trade & Investment, Higher Education Institutions, Private Sector
<p>Develop the Research Excellence Directory as a communications tool to promote the region's knowledge base and business strengths, both nationally and internationally.</p>	<p>300 collaborations developed as a result of the Research Excellence Directory.</p>	<p>Higher Education Institutions, UK Trade & Investment, Higher Education South East, Public Sector Research Establishments, Higher Education Funding Council for England, Business</p>	●	●		£50,000 p.a.	SEEDA, Regional Development Agencies, Higher Education Institutions, Private Sector
<p>Cross Cutting Issues</p> <p>Rural</p> <ul style="list-style-type: none"> • Work with the land based industries to understand new support structures for innovation. <p>Culture, Sport, Leisure & Creative Industries</p> <ul style="list-style-type: none"> • Explore opportunities offered by the cultural and creative industries to stimulate and provide a rich resource for innovation, through for example networks of Higher and Further Education (as illustrated by the University of the Creative Arts). 							

Action 2.3 – Ensure a skills perspective to the 10-year framework for science and innovation, ensuring that innovation and creativity are underpinned by excellent skills.

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Regional Science, Technology, Entrepreneurship and Management Support Centre Work with regional partners to address strategic subject shortages and to increase the number of students studying and starting careers in strategic shortage subjects.	Increase the number of students in stem subjects by 1,000 p.a. on average in Further Education and Higher Education.	Learning & Skills Councils, Science, Engineering and Technology NETwork, Science Learning Centre, Higher Education Funding Council for England	●	●	●	Included in funding for South East Innovation Action Plan	SEEDA, Learning & Skills Councils, Higher Education Funding Council for England
Cross Cutting Issues ICT & Broadband <ul style="list-style-type: none"> • The Higher Apprenticeships scheme for IT professionals (a work based degree) will help deliver Science, Technology, Entrepreneurship and Management graduates in an area where there are significant skills gaps. • The Continuous Professional Development (CPD) programme for ICT graduate professionals will enhance Science, Technology, Entrepreneurship and Management graduate skills needed by the regional economy. • The IT Technicians Award (an all age programme to be offered by Further Education colleges and leading to qualified technician status) will be a “licence to practise” recognised by employers. It will produce a professionally qualified workforce, particularly for supporting Small & Medium Enterprises. 							