

SEEKIT projects supported: 1 April 2004 - 31 March 2005

Location: Stirling University Innovation Park
Title: SUIP Technology Transfer and Innovation
Project Duration: 01/07/2004- 30/03/2008
Grant Offered: £683,000

Project Description

The Scottish Collaboration and Innovation Programme along with the Sporting Chance Initiative aims to generate research and business opportunities through collaboration, in research, development and knowledge transfer between SMEs, larger companies and the Scottish public sector science base. This project will encourage product and technology transfer links between academia and SMEs as well as fostering collaborative activity between businesses. It will increase the competitiveness of businesses and encourage further uptake of other innovation support.

The Sporting Chance Initiative achieves this through a free membership to bring together SMEs, Large/Multinational Companies, Higher Education Institutes (HEIs), Sports Organisations, coaches and athletes that are willing to explore and support commercial applications of technologies for sport. SCIP delivers a similar goal over a broad range of sectors using networking and events to stimulate activity. A SCIP and Sporting Chance Initiative Award Scheme to stimulate collaboration is available for feasibility projects (up to £5,000) as a pre-cursor to SCORE.

Location: Scottish Enterprise
Title: University to SME Technology Transfer in Optoelectronics and Microelectronics (TTOM)
Project Duration: 11/10/2004- 30/06/2008
Grant Offered: £191,360

Project Description

The Scottish Optoelectronics Association (SOA) delivers the Scottish Enterprise's University to SME Technology Transfer in Optoelectronics and Microelectronics (TTOM) Programme. The programme is designed to establish opportunities that enable technology transfer through TTOM Awards.

The TTOM programme, open to both SOA members and non-members and members of various user communities and academics from Scotland's HEIs, includes:

- Network meetings
- Workshops
- General Support to SMEs and research groups.
- TTOM Awards

The TTOM awards fund feasibility studies that allow the participants to assess both the potential and feasibility of a new product or process. The feasibility studies must focus on opportunities that can either attract follow-on funding from existing sources, demonstrate a clear route to market or indicate a step change in current processes within a company. The output of the feasibility studies should reflect the interdisciplinary or cross sectoral nature of

the work, the value to be obtained from any partnerships on an ongoing basis and the potential to develop a product or process that can give benefit to the participants and to the Scottish economy.

Location: Heriot Watt University
Title: RADIKAL
Project Duration: 01/01/2005-31/04/2008
Grant Offered: £372,435

Project Description

Competitive companies have multi-disciplinary and complex needs and the project team will try to meet these via Scottish Universities' tool boxes of assistance. Commonly, this involves introducing a new technology to an existing product or validating a new design. They match the available resources of the university with the current needs of the SME, and add-value by identifying the right level of technology and applying for funding. The team's technical knowledge covers advanced engineering, opto/micro electronics, chemistry, manufacturing, digital media, renewables, IT and tele/coms sectors, to name a few.

Location: University of Strathclyde
Title: Strathclyde Entrepreneurial Network (*essential*)
Project Duration: 06/01/2005-31/05/2008
Grant Offered: £570,001

Project Description

essential (Strathclyde Entrepreneurial Network) is designed to support Strathclyde alumni with new business creation and business growth. Offering a number of services the project team provides "essential support for enterprising alumni".

Bespoke essential advice from the Knowledge Transfer Team is offered on a one-to-one or group basis and is designed to help clients commercialise their business ideas. Advice covering areas such as intellectual property, funding, prototyping, general start-up procedures, business planning, marketing, investment, financial forecasting/accounts and licensing is available.

The project's close relationship with the enterprise community, both internal and external to the University of Strathclyde, enables the team to signpost clients to the most appropriate expertise, introducing clients to essential contacts. Such productive relationships with key enterprise initiatives also allows for the development of collaborative programmes, like, the hot-desking facility based at Strathclyde University Incubator, which provides clients with professional managed office space.

A range of *essential* events encourage Strathclyde alumni to engage with Strathclyde's vibrant enterprise community. Ranging from informal and formal networking events to high profile showcase events and themed learning seminars, new ideas are continually being developed to help stimulate a culture of enterprise

Location: University of Strathclyde (Energy Systems Group)
Title: Design of energy efficiency in the construction energy
Project Duration: £306,717
Grant Offered: 01/01/2005-31/06/2008

Project Description

The Scottish Energy Systems Group (SESG) has existed as a predominantly SME industry club since 2003. Significant progress had been made in the transfer into practice of advanced energy / environment modelling systems. Such an investment in the Scottish knowledge base is seen as the best way to provide practitioners with the means to address the complex issues underlying the design and operation of a sustainable built environment.

The present project continues the SESG network with a programme of events and workshops on topics of common interest, provision of information services, and support for in-house software implementation and business process integration. The aim is to progress the transfer of energy/environment modelling technology to a stage where the work practices of member companies set new standards of professional expectation amongst client organisations, and establish Scottish design practitioners as best-in-class worldwide.

Location: Robert Gordon University
Title: Re-Source
Project Duration: 01/02/2005-31/12/2008
Grant Offered: £284,714

Project Description

The Re-Source Project will introduce the expertise and resources available to SMEs from the University through a demand focussed database and dedicated personnel that will assist in liaising between academics and small and medium enterprises to stimulate innovation in products and processes.

The project will pilot and implement the interface and measure its success in developing productive collaboration between SMEs and the University which may include small scale Innovation Reviews or longer term projects funded through SMART, SCoRE or Knowledge Transfer Partnerships. It is envisaged that these activities will promote the development of new products and processes that will improve the profitability of SMEs.

Location: University of Glasgow
Title: Innovative Licenses and Technologies
Project Duration: 01/03/2005-30/11/2006
Grant Offered: £100,770

Project Description

The project will develop a highly innovative, internet-based process to provide companies, particularly Scottish SMEs, with an easy access to technology, know-how and innovation from the knowledge base within the University.

Location: Glasgow Caledonian University (School of Built and Natural Environment)
Title: Sustainability in construction SMEs
Project Duration: 02/03/2005-31/06/2008
Grant Offered: £120,402

Project Description

The Sustainability Centre in Glasgow (SCG) in partnership with Laing O'Rourke, Dearle & Henderson and the Centre for the Built Environment (CBE) have been funded to provide free and be-spoke assistance to participating SMEs in the West of Scotland in the use of clean technologies, green design, sustainable procurement, effective business management, auditing and monitoring, and support with compliance with different governing/ environmental/ sustainability legislations. Additionally, the project aims to provide information on efficient use of information and communication technologies in the construction industry by building on networks of existing initiatives by government. The project will provide assistance to both new and existing businesses.

Project assistance allows companies to make their bids more competitive, improves awareness of environmental issues, and in general, makes companies think more about how they can improve their business practices. This may be done through some of the following project deliverables:

- Construction of an Environmental Policy Statement
- Development of a Site Waste Management Plan
- Carbon Footprinting
- Web Site Design

This project aims to work with 30 construction companies with a view to developing a sustainability framework that is designed and focused specifically for construction SMEs to promote their business competitiveness.

Location: University of Glasgow
Title: KT Initiative for the defence sector
Project Duration: 01/05/2005-30/06/2008
Grant Offered: £284,794

Project Description

The ADS programme aims to provide advice and assistance to Scottish based SMEs competing for business in the Aerospace, Defence and Security sectors. It also helps companies access leading-edge research currently underway in Scottish universities.

A prime objective of the programme is to develop collaborative R&D relationships amongst universities, SMEs, prime contractors and government funding agencies. This involves identifying key technologies of interest to MoD and other end customers, facilitating discussions between research groups and companies to identify collaborative R&D options and developing consortiums of large and small companies to seek funding from MoD, DTI and other government agencies.

SMEs can benefit from two complementary routes to market -either supplying directly to ADS markets or taking proven defence technology and adapting it for alternative markets. They can also attain increased competitiveness through the introduction of new technology that could significantly increase their stream of new products, services or processes.