

Newsletter



Energy Technology Centre

Autumn 2009

Issue 1

Welcome to the first quarterly Newsletter from the Energy Technology Centre

The last 18 months have seen an increasing demand for Energy Technology Centre (ETC) services with over 50 technology developers being assisted through the delivery of both technical and commercialisation support from the ETC consortium partners. In addition, EU funding has been secured for the sustainable refurbishment of our technical support facilities located on the Scottish Enterprise Technology Park in East Kilbride.

This Newsletter will keep you informed of our current activities and highlight potential opportunities for organisations actively involved in the commercialisation of new energy technologies.



Introduction to the Energy Technology Centre

As well as access to specialist technology development, testing and demonstration facilities, the ETC also provides individuals, companies, universities, and industry support associations with hot desking, project accommodation and secretariat support services.

The ETC is more than a physical asset and provides the services of a consortium of support organisations that delivers specialist knowledge, business development support and access to potential sources of finance.

In addition, the ETC acts as a hub linking technology developers, manufacturers, researchers and end users to a network of expertise, facilities and resources across Scotland, the UK and Europe.

The ETC is a centre of excellence leading the development, demonstration and commercialisation of low carbon and renewable energy technologies for power and heat generation, sustainable transportation and the built environment in Scotland.

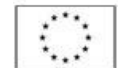
If you could benefit from any of these services please contact us on 01355 593570



REGAIN – Sustainable Refurbishment of the Energy Technology Centre



INTERREG IVB



On 26th May 2009 Jim Mather MSP, Minister for Enterprise, Energy and Tourism (pictured below), delivered a keynote speech to a group of over 70 technology developers, industrialists, academics and government agencies, announcing plans for REGAIN – a £2 million EU funded programme to assist in the sustainable refurbishment of the ETC building to reduce greenhouse gas emissions whilst demonstrating the deployment of innovative new technologies and products in the built environment.



The ETC, in cooperation with partners in Belgium, France, Italy and Wales, is a key part of the €10 million REGAIN project which is helping to encourage the use of innovative products, services and methodologies in the field of 'energy and environment-friendly efficient tertiary and mixed-used buildings' among Business Park Managers and the business community at large throughout Europe.

ETC becomes part of Carbon Trust Incubator Network

The Carbon Trust is expanding its business incubation scheme in response to a growing need for critical business support to spawn the next generation of commercial clean tech innovators in the UK. The incubator scheme has a track record of preparing start-ups and spin-outs to attract all important investment, with the 90 companies that have been incubated so far having raised around £86 million in private funding. The Carbon Trust is on the lookout for 25 new joiners to the scheme over the coming year with up to £70k of support on offer to each. This covers strategic and business development consultancy, advice on corporate finance, management team recruitment and mentoring, product development, market research and engagement and guidance on intellectual property protection.

To assist the scheme's expansion, the Carbon Trust has selected six expert early-stage business growth consultancies who will lead the delivery of the incubation support: Angle Technology, CLT, Conduit Partners, E-Synergy, Isis Innovation and TTP. In addition, the Carbon Trust Incubator Network has been established to assist this, and help scout for promising low carbon technology companies across the UK. The ETC has been selected to join this network and to support the identification of candidate companies in the region.

This is a complementary and welcome addition to the range of services we already provide and we would encourage parties interested in learning more about the scheme to get in touch by calling us on 01355 593570

ETC Case Studies

Examples of some of our current client projects demonstrate the range of activities undertaken at the ETC.

Case Study 1

Development of Novel Engine Technology

Kelvin Engines, iSLI and Lister Petter are partners in the promotion of IP for a novel engine design developed by Kelvin which can be optimised for a range of new fuels. The power unit can also help to meet forthcoming emissions targets and the prototype design, build and development will be undertaken in the ETC. Kelvin will also use the ETC project accommodation.

Early stage funding support came from Scottish Enterprise with further support from National Measurement System - Measurement for Innovators.

Case Study 2

Thermal Energy Store and Processor

Sunamp is developing innovative technology to store and process heat from renewable energy sources and waste heat sources, capturing the heat when it is available and delivering it when it is needed. Initial development and trials of the system are being undertaken in the ETC. Funding support from the National Measurement System - Measurement for Innovators is assisting the proof of concept stage.

Sunamp was introduced by the ETC to the Scottish Enterprise High Growth Team who are assisting the company in the development of its business.



Testing components of Aquamarine Power's
Oyster wave energy device

Upcoming Events (dates to be confirmed)

- **Small wind (component testing and development)**
- **Sustainable transport**
- **Sustainable construction supply chain event**

*Please contact us if you would like to discuss how we may assist in your future success
In the first instance please call Elaine Campbell on 01355 593570*

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