

Press release

Energy Efficiency Research and Development project launches in Scotland and Switzerland

Neuchâtel (CH) / Edinburgh (SCO), 17th May 2016 – A research and development project worth £900,000 has been launched in Scotland to develop breakthrough technology in the energy efficiency market.

NetThings, an Edinburgh based “internet of things” company has partnered with CSEM a Swiss private, non-profit research company to develop an analytical platform to save energy and increase equipment reliability in commercial buildings.

The two-year project aims to save significant sums of money for governments, councils, schools and commercial properties. It achieves this through connected hardware and software that will both monitor and control energy usage, and flag when specific plant and machinery requires servicing thus optimising efficiency of operation and reducing down time. Due to NetThings’ vast experience in the market with current energy management systems, the breakthrough technology can be commercialised at a price and footprint not previously imagined, meaning significant savings and fast returns on investment for companies globally.

In the UK alone there are a record 5.4 million private sector businesses, up 3% from 2014*. Many of these properties have limited options for energy management with traditional Building Management Systems (BEMs) often only installed at construction stage due to cabling and instrumentation which is complex, time-consuming and disruptive to business. One of the intended deliverables from the project is a system that will offer a low cost solution, easily retrofitted, to the millions of buildings that are currently being neglected.

George McGhee, NetThings CEO, said: “The EU has ambitious targets to meet by 2020, with energy efficiency initiatives expected to deliver 20% energy savings which is approximately the equivalent to turning off 400 power stations. Eliminating wasteful use of energy in commercial buildings that have lacked suitable systems is essential to driving sustainability on this sort of scale.

“Leveraging our technology expertise and CSEM’s 32 years of applied research experience, this project will result in more cost effective ways of addressing this challenge.”

Mario El-Khoury, CSEM CEO explains: “SMEs are a central focus for our company, so this project is particularly close to my heart. Thanks to our expertise and our patents, we can offer solutions that will enable them to reduce their energy costs and contribute to improving their competitiveness.”

NetThings and CSEM have been awarded 50% funding towards the project from Eurostars, a joint programme between EUREKA and the European Commission. Eurostars awards funding to the development of rapidly marketable innovative products, processes and services that help improve the daily lives of people around the world.

Notes to the editors

Additional information

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About CSEM

CSEM—technologies that make the difference

CSEM, founded in 1984, is a research and development center (public-private partnership) specializing in microtechnology, nanotechnology, microelectronics, system engineering, photovoltaics and communications technologies. Around 450 highly qualified specialists from various scientific and technical disciplines work for CSEM in Neuchâtel, Zurich, Muttenz, Alpnach, and Landquart.

Further information is available at www.csem.ch

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NetThings is an “internet of things” technology company focused on delivering energy management solutions to both B2B and B2B2C markets. The intuitive, easy-to-use systems provide smart monitoring and control capabilities that empower users to improve their energy efficiency by driving down wasteful usage.

NetThings’ two initial products – *Energy Manager* and *Click* are set to revolutionise the world of energy management.

To find out more visit: www.netthings.co.uk and www.twitter.com/Net_Things