

PRESS RELEASE

27 October 2014



24 Ashwin St
London E8 3DL
0207 503 1386

ben@arcolaenergy.com

Arcola Energy – an Innovation Success Story, and more...

Widely recognised as an Innovation Success Story, Arcola Energy announces move in to Manufacturing with ambitious plans for on-shoring manufacturing of advanced power generation equipment from China



Arcola Energy – a Dalston based company, linked with Arcola Theatre – will once again have a stand at Innovate UK, the leading networking, conference and exhibition event for business. Hosted by Innovate UK, the new name for the Technology Strategy Board, together with UKTI, the event is the largest multi-sector showcase of UK innovation, bringing together more than 3,000 high-potential businesses with international investors, government and academia.

A hydrogen and fuel cell system integrator, over the last 3 years Arcola Energy has grown from the initial team of four to a staff of fourteen. The company is known internationally as a technology partner for other start-ups and Blue Chip multinational's alike; forging a role in the renewal of energy systems for a low carbon future.

In 2011, Arcola Energy embarked on their first 3 year project, supported by the Technology Strategy Board; developing small-scale, ultra-low carbon hydrogen fuel cell-based systems. Since successfully leading this project, Arcola has gone on to be a partner in more than ten projects supported by Innovate UK, with a combined budget of close to £10m – and to launch its first commercial products.

Company Number: 7257863 VAT Number: 110085273

At Innovate 2014, Arcola Energy will be formally launching their latest project, which is **on-shoring** advanced fuel cell manufacturing from China in a Joint Venture with Horizon Fuel Cell Technologies, the world's largest volume producer of small PEM fuel cells. The *Material and Process Development for low-cost UK Fuel Cell Manufacturing* project brings high-tech manufacturing to the heart of Hackney, with Horizon UK (the Joint Venture) being preferred supplier for two leading UK-based lightweight hydrogen fuel cell vehicle manufacturers – Riversimple and Microcab.

Complementing Arcola's engineering work, the Arcola Energy for Schools education programme puts the technology of the future into the hands of young people. In the Hydrogen Challenge, students aged 11 to 16 are challenged to design, build and race the most fuel efficient hydrogen powered vehicle.

Arcola educators and engineers have delivered workshops to over 1,500 London school students as part of the London Schools Hydrogen Challenge; 3,000 young people at the Abu Dhabi Science Festival and 800 students at the Cambridge Physics at Work programme. Regional hydrogen school challenges are being established across the UK, initially in Aberdeen and the north-east. Arcola Energy is currently signing schools up to the 2014 London Schools Hydrogen Challenge – see www.londonschoolshydrogenchallenge.com for details

Notes to Editors

Arcola Energy designs, manufactures and deploys hydrogen fuel cell systems. We are active in multiple application markets including education, portable power, transport and stationary power.

Our business is applying understanding of end-user needs to deliver cost-effective customised solutions to individual end-users and OEM clients. Our success is built on open and collaborative relationships with customers, suppliers and partners.

We lead world-wide automotive and all European engineering projects for Horizon Fuel Cell Technologies, the world's largest volume producer of small PEM fuel cells.

Through our JV Horizon Fuel Cell UK, we manufacture fuel cell stacks for automotive applications in the UK.

On-shoring is the process of relocating jobs from overseas to the UK. It is closely related to re-shoring (the reversal of the trend for moving jobs abroad). Reasons for bringing manufacturing to the UK include quality, response time to customer demands, reducing environmental impact and meeting compliance requirements in rapidly evolving technology markets. Reports from [Innovate UK](#) and the government department of [Business, Innovation and Skills](#) provide more information on this growing trend.

Contacts:

www.arcolaenergy.com

www.horizonfuelcell.com

Address: 24 Ashwin St, London, E8 3DL

Phone: 0207 503 1386

Email: sales@arcolaenergy.com

Arcola Energy Logo at:

<https://drive.google.com/folderview?id=0BxOpGdm3UnCqNzQwYlBYUEVFX3c&usp=sharing>

More Company Info at:

<https://drive.google.com/folderview?id=0BxOpGdm3UnCqNFI4UDJ0WDF4aTA&usp=sharing>

Innovate UK (Technology Strategy Board) profile at: <https://www.innovateuk.org/-/theatre-of-dreams>