

Country Update – United Kingdom, November 2012

UKH2Mobility

UKH2Mobility is an industry-led consortium developing a roll-out plan for hydrogen refuelling infrastructure and fuel cell vehicles from 2015. It also involves three Government Departments – Transport (DfT); Business, Innovation and Skills (BIS); and Energy and Climate Change (DECC). The first phase – analysis - will be completed in November, and a public report will be issued in December or January. UKH2 Mobility was launched in January 2012 by the (then) Business Minister, Mark Prisk, who said:

“This country has a number of world-class companies that are developing exciting technologies in both the hydrogen energy and automotive value chains and it is vitally important that we identify what is required to make these cars a realistic proposition for UK consumers”

Participants will need to decide whether to commit to Phase 2 – the preparation of a detailed business plan, and Phase 3 – implementation, which will require synchronous investment in fuelling infrastructure and vehicles.

Further information and press release:

<http://www.bis.gov.uk/news/topstories/2012/jan/hydrogen-fuels-lower-emissions>

Hydrogen TINA

TINA stands for Technology Innovation Needs Assessment. A number of TINAs covering various energy technologies have already been published and are available on the Low Carbon Innovation Coordination Group (LCICG) website. The Carbon Trust is preparing a TINA for hydrogen, which is expected to be published next March (2013). The TINA project aims to inform the prioritisation of public sector support for low carbon energy innovation by identifying the innovation needs and the potential benefits from a UK perspective. The TINA methodology was developed by the Carbon Trust with contributions from LCICG members and other experts.

<http://www.lowcarboninnovation.co.uk/>

Carbon Trust PEM Fuel Challenge

The Carbon Trust launched its Polymer Fuel Cell Challenge in 2009 to deliver a step-change reduction in fuel cell costs thereby facilitating deployment in mass markets. The project is currently in its second phase with companies moving from

feasibility testing to commercial development with industrial partners. Further information, including a report is available from, the Carbon trust website.

<http://www.carbontrust.com/about-us/press/2012/09/the-futures-bright-for-fuel-cells>

Technology Strategy Board Funding

The Technology Strategy Board will shortly be announcing a new £5 million fuel cells manufacturing and supply chain competition. It will seek to facilitate the development of new relationships between fuel cell / electrolysers stack and system developers and companies from outside the industry with technologies or products which could address outstanding supply chain / manufacturing needs. The Competition will open on the 26th of November and closes in January 2013.