



## Building the Hydrogen Economy

In December 2013, the Alliance began work to develop a Scottish cities strategy designed to develop the Hydrogen economy in Scotland. This work completed in December 2014 and the Alliance agreed to pursue activity centred round the following 4 areas:-

- Large scale deployment of Hydrogen fuel cell buses;
- Hydrogen refuelling station infrastructure;
- Greening council fleets; and
- Production of green Hydrogen.

The strategy identified that focusing activity around these 4 areas would allow Scotland to position itself as one of Europe's leading early adopters of hydrogen technology and attract inward investment into sectors such as manufacturing, engineering and energy and thereby enhance Scotland's global reputation for expertise in these sectors. In addition, adopting a collaborative cities approach to building the Hydrogen economy would provide Scotland with the necessary scale to attract funding and accelerate its transition to a low carbon economy, thereby tackling air quality issues, de-carbonising transport and ensuring energy security.

The Alliance appointed a Hydrogen Project Officer in 2014 to take forward the recommendations and engage with prospective partners across Scotland to form a "Scottish Cluster" for Hydrogen low carbon technology.

In 2014, the Alliance entered into a Memorandum of Understanding with the [Fuel Cell and Hydrogen Joint Undertaking \(FCH-JU\)](#) to participate in a European-wide commercialisation study for the deployment of large scale Hydrogen fuel cell buses and Hydrogen refuelling infrastructure across Europe. This project seeks to supply cities with a commercial and affordable offer for zero emission buses that provide the same range and operational flexibility as diesel buses. In June 2015, it was agreed that the "Scottish Cluster" would join a "UK Cluster" to submit a joint business case to the FCH-JU for funding in 2016.

The Hydrogen Project Officer will now lead work on behalf of the Alliance to:-

- Produce a procurement strategy on behalf of the "Scottish Cluster";
- Produce a deployment strategy for the roll-out of Hydrogen technologies within the transport and renewables sectors;
- Engage with industry to set up steering groups for the production of green hydrogen and deployment of green fleets across Scotland;
- Establish future funding consortia (Structural Funds, FCH JU, OLEV, SE); and
- Engage with both Scottish and UK Governments on match funding and policy.

**Contact:** To discuss the Hydrogen programme please contact Fiona Goodenough, Hydrogen Project Officer

T: +44 (0) 1224 522703 E: [fiona.goodenough@scottishcities.org.uk](mailto:fiona.goodenough@scottishcities.org.uk)