

The HyTrEc project aims to improve access to and advance the adoption of hydrogen as an alternative energy vector across the North Sea Region.

**Six European countries are involved in the project:**

- Aberdeen City Council, Gateshead College, UK
- European Institute for Innovation, Germany
- Green Network, Denmark
- Hydrogen Sweden, SP Technical Research Institute of Sweden
- WaterstofNet, Belgium
- Narvik University College, Norway.

**The objective is to promote:**

- regional accessibility strategies;
- environmentally responsible energy production practices;
- the development of multi-modal and transnational transport corridors;
- the development of efficient and effective logistics solutions;
- sustainable growth solutions for expanding areas.

The Hydrogen Strategy for the Aberdeen City Region outlines the key activities required over the next 10 years to ensure the city region remains at the forefront of hydrogen technology. Key actions include:

- The commercial trial of 10 hydrogen fuel cell buses over an operational period of 3 years with aims to extend operation beyond 2018;
- Maximising the use of the state-of-the-art hydrogen refuelling station within the city centre by increasing vehicle deployments. The Council currently operates two hydrogen diesel hybrid vans and two plug in hydrogen range extended vans with plans to expand the fleet;
- Planning a second hydrogen refuelling station capable of dispensing hydrogen at pressures suitable for both cars and buses (700 and 350 bar);
- Working with other regions to seed a Scottish refuelling network linking to the work of the UK H2 mobility programme;
- Working with bus operators to ensure a second major fuel cell bus deployment from 2018;
- Undertaking a project which aims to understand public attitudes and perceptions and levels of acceptance of hydrogen technologies in various EU countries.



Aberdeen's plug-in hydrogen range extended vans, provide double the driving range of an electric only van with zero exhaust emissions.



Hydrogen fuel cell bus fleet deployed in Aberdeen

Aberdeen is home to Europe's largest hydrogen fuel cell bus fleet, with 10 buses operating on the City's roads, supported by the UK's first fully integrated hydrogen production and bus refuelling station and a dedicated maintenance facility within the city centre.



In March 2015 the Aberdeen hydrogen refuelling station was officially opened



**For more Information:**

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