

Project ID	DIP002		
Long Title	Aberdeen Hydrogen Bus Project		
Short Title	AbH2Bus		
Keywords	Region; Urban; Transport; Hydrogen; Fuel Generation; Fuel Cell; Alternative Fuelled Vehicles; Transport System Enablers; Environmental Impacts; Energy Strategy Development;		
Location (Town, Region, Country)	Aberdeen		Scotland
Latitude and Longitude	57.15N	2.09W	
OSGB code	NJ 94 06		
Status	Complete		
Start Date	2010		
End Date	2015		
Description	<p>The UK's first hydrogen production and bus refuelling station was officially opened on 11 March, as part of a £19 million (US\$28 million, €27 million) 'green' transport demonstration project in Aberdeen, Scotland. The Aberdeen Hydrogen Bus Project, which will see a fleet of 10 fuel cell buses in public revenue service, is the most high-profile of a range of projects designed to create a hydrogen economy in the city and surrounding region.</p> <p>The Aberdeen Hydrogen Bus Project has backing from Europe, the UK government and the Scottish government, as well as a broad range of private sector partners. During 2015, it will deliver a hydrogen infrastructure in Aberdeen, including the production of hydrogen at the UK's first commercial-scale hydrogen production and bus refuelling station, as well as a purpose-built hydrogen fuel cell bus maintenance facility.</p> <p>Linked to SSE LCNF Project 'Impact of Electrolysers on the Distribution Network'.</p>		
Sectors	Transport		
Funding Sources	EU Highvlocity, EU HyTransit, InnovateUK, Scottish Government, Scottish Enterprise, SGN, SSE, Aberdeen City Council, Stagecoach, First Group		
Budget £	£19 million		
Partners	Aberdeen City Council, Scottish Government, Scottish Enterprise, Innovate UK, Scottish Hydro Electric Power Distribution, BOC, Van Hool, First Group, Stagecoach, SGN, Element Energy		
Energy vectors	Transport		
Scale (lab/site/small/community/region/national)	Region		
Technologies demonstrated	Hydrogen vehicles, hydrogen generation		
Economic models demonstrated	Hydrogen economy development		
Other concepts demonstrated	Fuel generation from constrained renewables		

Industry engagement	Industry partners
Consumer engagement	Buses run on public routes
Project Reports (incl. links)	https://www.sciencedirect.com/science/article/pii/S1464285915300626 http://www.planet-energie.de/de/media/Flyer_Hydrogen_Bus_Project.pdf https://www.lowcvp.org.uk/assets/presentations/7.%20Hydrogen%20in%20Aberdeen%20-%20Valentine%20Willman,%20HyER.pdf
Datasets (incl. links)	
Website/social media	
Information sources	As above