

HUGE NEWSFLASH

Hydrogen Utilization & Green Energy

October 2019

Passenger ship hydrogen bunkering to take shape

Riviera covers a story this month looking at key hydrogen movers in a project that will boost bunkering infrastructure needed for marine use of hydrogen use.

Norled's project manager for international transport Kjell Ove Hatlem addressed Interferry's annual conference and identified the move to have the infrastructure in place in Norway for the production of liquid hydrogen and bunkering stations.

The company has a project to build two zero-emission ferries, one of which is fully electric and one of which is fully hydrogen. Initially liquid hydrogen will be transported from France or Germany.

Hatlem said "This is a business opportunity for hydrogen production, transport and bunkering," however the article also suggests that the hydrogen will be used in other sectors such as cruise ships, lorries, and busses.

More info can be found at:

<https://www.rivieramm.com/news-content-hub/news-content-hub/passenger-ship-hydrogen-bunkering-to-take-shape-56619>

EU Funds for Hydrogen Buses In Iceland

Colin Arnold Dalrymple reports for the English language Icelandic magazine, the *Reykjavík Grapevine*, that the European Union has funded the regional bus company Strætó to buy hydrogen-fuelled buses.

The *Grapevine* reports that the new hydrogen buses will join a fleet of electric buses but will have the advantage of longer range and longer time periods of use. The article highlights that hydrogen has been in development in Iceland for decades and that although abandoned for a period of time has now been seen as viable. Due to innovations and improved technology hydrogen buses are now seen as a more viable alternative.

Previously the Icelandic government has indicated that it intends to waive import duties on all non-carbon fuel vehicles rather than only electric vehicles which is currently the case.

Although not a EU member Iceland can still receive funding as part of the European Economic Area. HUGE Project is funded by the EU and has an Iceland partner in Iceland New Energy.

More info can be found at:

<https://grapevine.is/news/2018/10/10/eu-funds-for-hydrogen-buses-in-iceland/>

Edinburgh scientists receive funding for pioneering study into hydrogen storage

The *Scottish Business News* carries the story that University of Edinburgh scientists have received funding from the Engineering and Physical Science Research Council (EPSRC). The £1.4m project will look at hydrogen storage.

The HyStorPor (Hydrogen Storage in Porous Media) project will look at storing hydrogen in the subsurface.

The article recognises the value of storing green hydrogen from excess or curtailed renewable energy.

The project of three years will investigate how hydrogen reacts with the subsurface, as well as looking at how to efficiently inject and recover hydrogen in a way that is technically feasible as well as socially acceptable.

"This is a great opportunity for us to investigate one of the most promising options to both increase energy security and decarbonise the energy sector" said Dr Niklas Heinemann of Edinburgh University.

More info can be found at:

<https://scottishbusinessnews.net/2019/10/02/edinburgh-scientists-receive-funding-for-pioneering-study-into-hydrogen-storage/>