

Press release

Gothenburg, 17 Feb. 2021

Swedish hydrogen strategy for supporting the expansion of infrastructure is underway

On behalf of the government, Swedish Energy Agency is working on a national hydrogen strategy to be finalized the 31st of July 2021. This is very timely for supporting the EU's ambitions to expand hydrogen infrastructure. The trade association, Hydrogen Sweden, is leading the EU-funded project Nordic Hydrogen Corridor (NHC) project. The ambition is to bind the Nordic capitals together through emission-free transport. The three municipalities of Trelleborg, Uddevalla and Markaryd have expressed interest in working with the NHC project.

As part of the "Green Deal" and the transition to a climate-neutral and competitive economy, the EU presented its hydrogen strategy this summer, together with funding of more than EUR 400 billion. The Nordic Hydrogen Corridor is part of the major EU initiative channeled via the Connecting Europe Facility (CEF), which will support investments in infrastructure. In order to achieve its climate targets, the EU is investing heavily in hydrogen gas infrastructure and fuel cell vehicles. Fuel cell vehicles are electric vehicles that produce their own electricity from hydrogen gas while in motion. Hydrogen-powered fuel cell electric vehicles emit only water vapour.

"There's a great deal of interest in emission-free transport and innovative technology, and many municipalities want to join the Nordic Hydrogen Corridor. We are seeing increasing interest in the hydrogen technology, not least due to the Swedish Energy Agency is formulating a hydrogen strategy that hopefully will show hydrogen's role in a sustainable society and the importance of the electrification of the transport sector," says Project Manager for NHC, Pawel Seremak.

Trelleborg, Uddevalla and Markaryd have signed a letter of intent for a total of three hydrogen filling stations and a fleet of emission-free fuel cell vehicles of various kinds. The project also includes a production unit to produce hydrogen. NHC is providing support for a total of eight filling stations, fuel cell vehicles and for one production unit.

The project is managed by trade association Hydrogen Sweden, and the other partners are the energy group Statkraft, the hydrogen company Everfuel, and vehicle manufacturers Hyundai and Toyota. Intensive work is currently underway to qualify the eight locations and to evaluate local demand. The next step is for the project to transit to the implementation phase. Construction of the first filling station is expected to start in 2021.

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Read more about the Nordic Hydrogen Corridor here: <http://www.nordichydrogenpartnership.com/nhc/>