Copenhagen, November 16th 2021

Press release

Opening of dual function HRS marks a new era for hydrogen mobility in Copenhagen

The Danish commitment to ambitious climate goals means cutting significant emissions on the way to a 70% reduction in 2030 and climate neutrality in 2050. One of the areas of specific importance is the transport sector where emissions reductions not only mean moving closer to the national climate targets but also reducing the levels of air and noise pollution significantly. Hydrogen plays a particularly important part in these efforts. When produced on the basis of renewable energy by electrolysis hydrogen serves as a clean fuel in transportation. The only emission from fuel cell electric vehicles (FCEVs) is a bit of water vapor.

Denmark is at the forefront of hydrogen mobility with several hydrogen production projects all over the country and new ones emerging rapidly. With a constantly growing hydrogen industry and several subcontractors along the entire hydrogen supply and value chain, Denmark is determined to continue its long tradition as a global leader in sustainability within the field of hydrogen and hydrogen-based fuels.

As a part of the EU project Hydrogen Mobility Europe 2 (H2ME2), funded by the Fuel Cell and Hydrogen Joint Undertaking, a new hydrogen refueling station (HRS) is now in service in Copenhagen. This is the first station in Denmark with the capacity to refuel both passenger cars and heavy-duty vehicles. Copenhagen has set the highly ambitious goal of becoming a climate neutral city by 2025 and enabling zero-emission transport will facilitate this process–especially in regards to heavy-duty transport. Having the infrastructure in place will greatly ease the transition to zero-emission vehicles and provide potential investors with the necessary security to make the change.

The station is run by the Danish hydrogen operator Everfuel who is also a partner in H2ME2. Before the opening of the station Everfuel's CEO, Jacob Krogsgaard said:

"Copenhagen has a clear ambition to be the first carbon-neutral capital in the world, and we are proud to support that ambition with the new high-capacity hydrogen fueling station. The demand for hydrogen for zero-emission mobility is increasing, and the new station allows us to serve the growing fleet of fuel-cell electric vehicles while keeping the air in Copenhagen clean".

This point is echoed by Tejs Laustsen Jensen, CEO at the Danish hydrogen industry association Hydrogen Denmark and partner in H2ME2, who views the opening of the new HRS as an important step towards an increase of hydrogen mobility:

"We know that the Danish hydrogen industry is among the strongest in the world and the Danish supply chain is already exporting their solutions all over the world. This new station is important to increase the implementation of green hydrogen in the transport sector. The FCEV-fleet is growing, and this station will allow more people and companies to make the transition to FCEVs and keep the mobility patterns they are used to from fossil fueled vehicles but without emissions harmful to both climate and air quality."

Bart Biebuyck, Executive director of the FCH JU is happy to see the continued expansion of the HRS network made possible by the H2ME2 project:

"Through its project H2ME2, FCH JU is proud to be at the forefront of building Europe's hydrogen infrastructure and the opening of this state-of-the-art hydrogen refuelling station shows Denmark's commitment as well.
We have already supported 39 hydrogen refuelling stations though our H2ME programme and, with initiatives like the European HRS Availability System, drivers will be able to choose hydrogen-based, clean means of transport throughout the continent - and have reliable information to do so.

This hydrogen infrastructure is deployed together with a fleet of hydrogen taxis that will provide a zero-emission service to the habitants of Copenhagen".

Brintbranchen / Hydrogen Denmarkis a part of the Hydrogen Mobility Europe 2 (H2ME-2) project deploying a number of FCVs and raising awareness of hydrogen for transport.

TheH2ME-2 project has received funding from the Fuel Cells and Hydrogen 2 Joint Undertaking under grant agreement No 700350. This Joint Undertaking receives support from the European Union's Horizon 2020 research and innovation programme, Hydrogen Europe Research, and the Industry Grouping Hydrogen Europe.

FUEL CELLS AND HYDROGEN JOINT UNDERTAKING

Learn more about the H2ME project at www.h2me.eu