

HUGE NEWSFLASH

Hydrogen Utilization & Green Energy

August 2021

Climate neutral getaways

Climate neutral camping powered by hydrogen is now a reality in Dusseldorf, Germany.

SFC Energy is powering such operations with its EFOY hydrogen fuel cells that are suitable for both campers and campsite operators.

With a power range from 2.5kW to 50kW, the fuel cell innovations, when paired with a solar module and electrolyser, can also allow campsite to become producers of hydrogen.

Resulting in a climate neutral camping trip, the fuel cells can be used for both stationary camping and campground applications.

Once deployed, the fuel cell becomes the green power plant of a sustainable power supply for the entire camping community and enables nature-oriented, gentle tourism.

Commenting on the application, Dr Peter Podesser, CEO of SFC Energy, said, "We are seizing opportunities to make camping vacations even more environmentally friendly and to make a clear contribution in the 'race-to-zero' of the industry.

More info can be found here: <https://www.h2-view.com/story/climate-neutral-getaways-sfc-energy-makes-hydrogen-powered-campsites-a-reality/>

Hydrogen-powered train makes its debut in Sweden

Hydrogen-powered trains are now a reality in Sweden. They announced the deployment of Alstom's iLint passenger train in Östersund, to highlight the potential for hydrogen-powered transport.

Believed to be the world's first and only operational passenger train powered by hydrogen fuel cells, the Coradia iLint is designed specifically for use on non-electrified lines to enable clean and sustainable train operations.

Sweden is not the first country to deploy the iLint, however, the hydrogen-powered innovation is already running in Germany, Austria, the Netherlands – and will soon hit Italian railways.

Commenting on the latest placement, Rob Whyte, CEO of Alstom Nordics, said, "The Coradia iLint trains represent a huge opportunity for Sweden to reduce CO2 emissions and even decarbonise rail transport.

"Thanks to hydrogen-powered public transport, regional operators can be beacons of modern mobility, as experienced recently in Germany, the Netherlands and Austria – that have tested and are implementing (or planning to implement) hydrogen trains."

More info can be found here: <https://www.h2-view.com/story/hydrogen-powered-train-makes-its-debut-in-sweden/>

Port of Tallinn looks to develop a hydrogen hub in Estonia

The Port of Tallinn in Estonia wants to create a Baltic Sea green infrastructure hub – and plans include converting multiple ferries to hydrogen fuel.

As well as converting existing ferries to hydrogen fuel, the effort will also develop hydrogen refuelling capacity at the Old Harbour to support cruise ships running on the green fuel.

News of the development follows a study, carried out by the Dutch Embassy and Flux, which revealed that Estonia could be a suitable location for a hydrogen hub.

In addition to focusing on the development of the hub, Estonia's Port of Tallinn has also entered into an agreement with the port of Hamburg to develop a hydrogen infrastructure value chain.

On the port's ambitions, Margus Vihman, Chief Commercial Officer of Port of Tallinn, said, "The plan of building a hydrogen terminal could be attractive for the industries that do not produce energy themselves, but would like to take part in the green revolution and rebuild their production. We are developing an attractive value proposition for both local and international investor"

More info can be found here: <https://www.world-energy.org/article/19855.html>