Centrica joins the UK Hydrogen Taskforce

Centrica, British multinational energy and services company, has joined the Hydrogen Taskforce. The Taskforce is a coalition of hydrogen industry's organisations, aiming to secure the role of hydrogen in the future energy mix.

Duro Felguera, Hunosa and Nortegas has to develop green hydrogen projects in Spain

The corporation agreement between Duro Felguera, Hunosa and Nortegas aims to develop a joint action for the production of green hydrogen projects in the central areas of Asturias, Spain. The projects will concentrate on the production, storing and transportation. It will also focus on hydrogen injection into the natural gas network along with the mobile use of this renewable gas.

GEV and Pacific Hydro to explore shipping green hydrogen

Australia's Global Energy Ventures and Pacific Hydro Australia Developments Pty Ltd have signed a four-year MoU to explore opportunities for shipping green. They will look into various aspects of shipping from production to marine transportation. Pacific Hydro will produce the hydrogen at Lake Argyle, Western Australia. The project has received funding support from the Western Australia Renewable Hydrogen Fund.

Industrial groups explore €270 green hydrogen project in Spain

Shell, Vattenfall and MHI aim for green hydrogen plant

Shell, Vattenfall, Mitsubishi Heavy Industries (MHI) and the municipal company Wärme Hamburg are collaborating to convert a former coal-fired plant in Hamburg to one of the largest hydrogen plants in Europe.

The plant will produce hydrogen from wind and solar power at Vattenfall's Moorburg power plant site in Hamburg. The plan is to build an electrolyser with an initial output of 100 MW with the start of green hydrogen expected by 2025.

Phillips 66 banks $3 million funds for reversible solid oxide FC technology

Phillips 66, American multinational energy company, has received a $3 million grant from the US Department of Energy to advance the development of high-performance reversible solid oxide fuel cells. It will collaborate with the Georgia Institute of Technology to demonstrate the commercial feasibility of a low-cost and highly efficient reversible solid oxide fuel cell (RSOFC) system for hydrogen and electricity generation.

Westport Fuel Systems and Scania joint research

Westport Fuel Systems Inc will start a research project with Scania to use its HPDI 2.0TM fuel system with hydrogen to the latest Scania commercial vehicle engine. Preliminary test results are expected in the second half of 2021.

David M. Johnson, CEO of Westport Fuel Systems said "Our specialty is working with gaseous fuels. Hydrogen use in an internal combustion engine with our HPDI fuel system could offer another cost-competitive pathway to reduce CO2 emissions from transportation,"

"We invested in hydrogen technologies early. Going forward, what we learn from this research project will enable us to provide the best possible offering to our customers," said Eric Olofsson, Senior Technical Advisor at Scania Powertrain Research & Technology.

Woodside Energy to produce green hydrogen in Tasmania

Australia's Woodside Energy Ltd has signed a Memorandum of Understanding (MOU) with the Tasmanian government to support the proposed H2TAS project, a green hydrogen production facility at Bell Bay. The H2TAS project is a 10 MW pilot project producing 4.5 tonnes/day of hydrogen for local transport use. The project is expected to start in the H1:2023. In parallel with the MOU, Woodside has penned a non-binding term sheet with Tasmanian natural gas retailer Tas Gas to develop a framework for blending and potential sale of green hydrogen.