

Press release: Everfuel and Crossbridge Energy Inaugurate HySynergy – Denmark Sends Green Hydrogen to Germany for the First Time

Fredericia, Denmark, 3 November 2025 – Today, Denmark takes a decisive step in the green transition. Everfuel and Crossbridge Energy Fredericia are inaugurating the HySynergy plant in Fredericia – one of Europe’s first large-scale electrolysis plants to produce certified green hydrogen. At the same time, today marks the beginning of Denmark’s first export of green hydrogen, as the first filled hydrogen trailer is sent by truck to Germany.

This milestone is being celebrated today at HySynergy in Fredericia with the participation of, among others, Finance Minister Nicolai Wammen, the Japanese Ambassador to Denmark Hideki Uyama, Mayor Christian Bro from Fredericia Municipality, CEO Finn Schousboe from Crossbridge Energy Fredericia, and leading voices from the European and Danish energy sectors.

Green hydrogen is a 100% clean energy carrier produced from renewable energy and is a key technology for the transition of heavy industry and transport in Europe. This is the first time that RFNBO-certified green hydrogen produced in Denmark is being exported abroad, where market conditions for green hydrogen are more favorable. With HySynergy, Everfuel demonstrates that the technology works and that Denmark can turn climate ambitions into concrete action, both nationally and internationally.

” HySynergy is a symbol of Denmark leading the way in Europe’s green transition. We have now shown that green hydrogen can be produced at industrial scale, delivered to industry – and exported. For years, Denmark has talked about the potential of green hydrogen. Now we are showing that it is possible in practice, paving the way for the establishment of a real value chain and, in the coming years, a multiplication of production capacities as the hydrogen pipeline to Germany becomes available,” says Jacob Krogsgaard, CEO and founder of Everfuel.

The HySynergy project has been developed in collaboration with the Crossbridge Energy Fredericia refinery, which already receives green hydrogen from the plant for use in the production of liquid fuels. The collaboration demonstrates how green hydrogen can technically be used in practice to reduce CO₂ emissions in traditional fuel production.

” For Crossbridge Energy, the collaboration with Everfuel is an important milestone. We already use 35 tonnes of hydrogen per day in our production. That hydrogen is produced from fossil crude oil, but it can be replaced with green hydrogen, and we are already doing so in practice. Unfortunately, there is currently no incentive to keep improving. We have shown that we can – now legislation must keep up with developments so we can deliver on Denmark’s major green ambitions,” says Finn Schousboe, CEO of Crossbridge Energy.

HySynergy marks the first step in Everfuel’s ambition to establish over 2 GW of electrolysis capacity in Denmark by 2035. In addition to future expansions of HySynergy, the plan also includes the development of Project Frigg – a large-scale plant in Revsing Energy Park near Vejen, from where hydrogen can be delivered directly to German industrial customers via the upcoming hydrogen pipeline, expected to be ready in 2030.

About HySynergy:

HySynergy is a collaboration project between main partners Everfuel and Crossbridge Energy, with TVIS as the recipient of surplus heat from the plant for use in the local district heating system.

HySynergy is co-owned by Hy24, which manages the world’s largest hydrogen infrastructure fund. Everfuel owns 51% and Hy24 owns 49% of HySynergy.

HySynergy I 20MW is among the largest green hydrogen production projects in Europe, and the project is supported with EUR 6.5 million from the Danish Energy Agency and co-financed by the European Union through the Connecting Europe Facility with EUR 3.8 million.



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About Everfuel | www.everfuel.com

Everfuel owns and operates green hydrogen infrastructure and collaborates with industry to connect the hydrogen value chain and deliver hydrogen to industrial and mobility customers. Our strategy focuses on developing and establishing large-scale hydrogen production capacities in Denmark to supply green hydrogen to a large and growing European market, starting with a focus on Germany. Green hydrogen, produced from renewable solar and wind power, is a 100% clean energy carrier and the key to decarbonising industry and transport in Europe. We are an ambitious company headquartered in Herning, Denmark, with activities in Denmark, Germany, and the Netherlands. Everfuel is owned by the founding investor E.F. Holding, Swiss Life Asset Managers, Hy24, and HyVC (a JV of ITOCHU Corporation & Osaka Gas Co., Ltd.), collectively reflecting extensive industrial, financial, and commercial expertise committed to Everfuel's mission for a sustainable future.

About Crossbridge Energy | crossbridge.dk

Crossbridge Energy A/S operates the refinery in Fredericia, which supplies about 40% of Denmark's consumption of liquid fuels such as petrol, diesel, and jet fuel. The Crossbridge Energy refinery is among the most energy-efficient refineries in the world and a leader in Europe. The refinery is also Denmark's largest supplier of surplus heat for district heating, corresponding to the annual consumption of district heating for around 29,000 ordinary households in the entire Triangle Region (TVIS).