

Press release

RWE and Haltermann Carless develop green hydrogen project in Harwich

- **RWE and Haltermann Carless sign a Memorandum of Understanding for green hydrogen plant**
- **Harwich location is near to industrial cluster supporting the area's decarbonisation ambitions**
- **This project could create opportunities for green investment, jobs and local economic benefits**

Swindon, 11 April 2024

RWE, the UK's leading electricity generator and one of the country's leading renewable energy companies, and Haltermann Carless, a leading supplier of hydrocarbon-based products and solvents, have signed a Memorandum of Understanding (MoU) to work together to develop a green hydrogen plant in Harwich, in Essex, in the south-east of the UK.

The plant would be built on land that forms part of the Haltermann Carless industrial site in Harwich. Haltermann Carless Harwich is a key production site, manufacturing a range of products for Agrochemicals and Fuel Additives businesses. The company is driving the development of sustainable products contributing to the reduction of greenhouse gas emissions, which includes the future production of sustainable aviation fuels (SAF) from the Harwich site.

Once developed and constructed, the clean hydrogen produced from the Harwich electrolyser could enable the company to reduce its CO₂ emissions and sustainably produce a wider range of products.

Both RWE and Haltermann Carless have completed feasibility studies for a green electrolyser at the site and work is underway to assess both grid and water connections to enable the project to progress.

Nicole Tang, Hydrogen Project Development Manager, RWE, said: "We are delighted to be working with Haltermann Carless, our MoU marks the start of a very exciting project. Not only could this electrolyser plant produce green hydrogen, but it would provide local jobs, significant supply chain opportunities, and a greener more sustainable hydrogen fuel for industrial users in



the area.“

Keith Mead, Sustainability Manager, HCS said: “As we embarked upon our Sustainability Strategy it very quickly became clear that hydrogen, and, in particular, electrolytic (green) hydrogen, would need to be part of the fundamental shift that enabled the twin HCS objectives of reducing CO2 emissions and delivering portfolio change. We are very pleased to be working with RWE to bring such an ambitious and exciting project to the area thus securing local, highly skilled jobs now and for the future.”

The site in Harwich is adjacent to the Freeport East area which is a fundamental part of the Government’s levelling up agenda and supports the UK’s net zero ambitions, creating economic and employment opportunities from green transition.

The area is already advancing clean energy technologies with the development of the Green Energy Hub at Harwich (Bathside Bay) designed to support large-scale manufacturing of offshore wind turbines and components. Notably, it hosts RWE’s Operations and Maintenance (O&M) base for the Galloper windfarm.

RWE is the largest power producer in the UK, and a leading renewable generator supplying around 15% of UK electricity with a diverse operational generation portfolio of onshore wind, offshore wind, hydro, biomass and gas. RWE is developing ~1GWe hydrogen opportunities across the UK. The company has a wealth of knowledge and experience in the development of green hydrogen projects across Europe including RWE’s lead in the 300-megawatt project GET H2 at Lingen. The company is targeting 2GW of green hydrogen electrolyser capacity in its core markets by 2030.

For further enquiries:

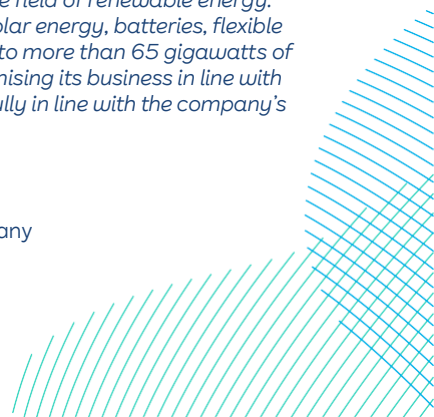
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RWE

RWE is leading the way to a green energy world. With its investment and growth strategy Growing Green, RWE is contributing significantly to the success of the energy transition and the decarbonisation of the energy system. Around 20,000 employees work for the company in almost 30 countries worldwide. RWE is already one of the leading companies in the field of renewable energy, solar energy, batteries, flexible generation, and hydrogen projects. By the end of the decade, the company’s green portfolio will grow to more than 65 gigawatts of generation capacity, which will be perfectly complemented by global energy trading. RWE is decarbonising its business in line with the 1.5-degree reduction pathway and will phase out coal by 2030. RWE will be net-zero by 2040. Fully in line with the company’s purpose - Our energy for a sustainable life.

General Data Protection Regulation (GDPR)

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