

Press release

RWE's Wilton Green Hydrogen Project gains momentum in advancing sustainable energy solutions

- **RWE secures land option at Wilton International, advancing plans for a large-scale green hydrogen production plant in Teesside**
- **Teesside's strategic location near industrial energy users and emerging hydrogen infrastructure positions it as a key player in UK's decarbonisation efforts**
- **RWE's green hydrogen project in Teesside will create opportunities for green investment, jobs and local economic benefits**

Swindon, 18 March 2024

RWE, the UK's leading electricity generator and one of the country's leading renewable energy companies, is progressing with plans for a green hydrogen plant, in one of its core development areas Teesside: announcing it has acquired a significant land option at Wilton International.

The company is developing opportunities for a large-scale green hydrogen production plant at the site with an initial size of up to 260MWe electrolyser and the ability to produce up to five tonnes per hour of green hydrogen.

The secured development land is in the heart of the Teesside Industrial area which is part of the wider East Coast Cluster. The land is next to industrial energy users and near planned hydrogen pipelines that could provide green hydrogen to support the industrial decarbonisation of the region. Teesside is committed to playing a vital role in helping the UK achieve its 2050 net zero ambitions by becoming one of the world's first decarbonised industrial clusters through the production, consumption, and export of low carbon hydrogen.

Tom Glover, RWE UK Country Chair, said: "This is a really significant step towards RWE's ambitions for the production of green hydrogen in Teesside. We have secured land and have already completed feasibility and initial environmental studies with an aim to be operational by 2028. Detailed discussions with potential industrial customers have started, exploring ways the hydrogen produced can help them to decarbonise. It's an exciting project and we are motivated by the prospect of bringing major green investment to the region."

Tees Valley Mayor Ben Houchen said: "Here in Teesside we know that there's huge potential for new investment and jobs by grasping opportunities in industries of the future like green hydrogen, so it's fantastic to see RWE's investment in the Teesside Freeport taking a significant



step forward. “

“This project means another big name coming to Teesside to produce more clean homegrown energy and crucially more good-quality, well-paid jobs for local people. It just goes to show that all of our hard work in recent years is paying off with more investment, more jobs and more opportunities for local people to build a life and a career right here on Teesside.”

Teesside and the UK East Coast areas are important to RWE, operating its Triton Knoll and Humber Gateway offshore wind farms from its Grimsby Hub Operations & Maintenance facility. The company is also constructing the 1.4 gigawatts (GW) Sofia offshore wind farm and developing two Dogger Bank South offshore wind projects. Onshore, RWE also operates many wind farms in the region and is developing several solar projects.

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 our lead 300MW GET H2 at Lingen. The company is targeting 2GW of green hydrogen electrolyser capacity in its core markets by 2030.

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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. Between 2024 and 2030, RWE will invest 55 billion euros worldwide in offshore and onshore wind, 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.

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