

RWE

Our proposals

RWE Grangemouth Green Hydrogen Project will be designed to produce up to 1.8 metric tonnes of green hydrogen per hour. Grangemouth Green Hydrogen will include the installation of an electrolysis plant.

The offtaker will use this hydrogen to replace natural gas in their chemical plant, reducing their greenhouse gas emissions. By bringing this innovative technology to Grangemouth, we are taking a significant step towards offering industry a sustainable and environmentally responsible energy solution.

This project aligns with Scotland's ambitious energy transition goals and contributes a piece of the puzzle in advancing this shared vision for a cleaner, greener future. The site will potentially be connected to the electrical network at Scottish Power's Grangemouth substation, located to the north of the site.

Project progress

RWE has completed concept feasibility, initial design, environment studies and ground investigations. An electrical grid connection has been secured, and electrolyser suppliers are being shortlisted. Water capacity has also been confirmed. The next steps will be progressing towards a planning application.



[Find out more](#)

