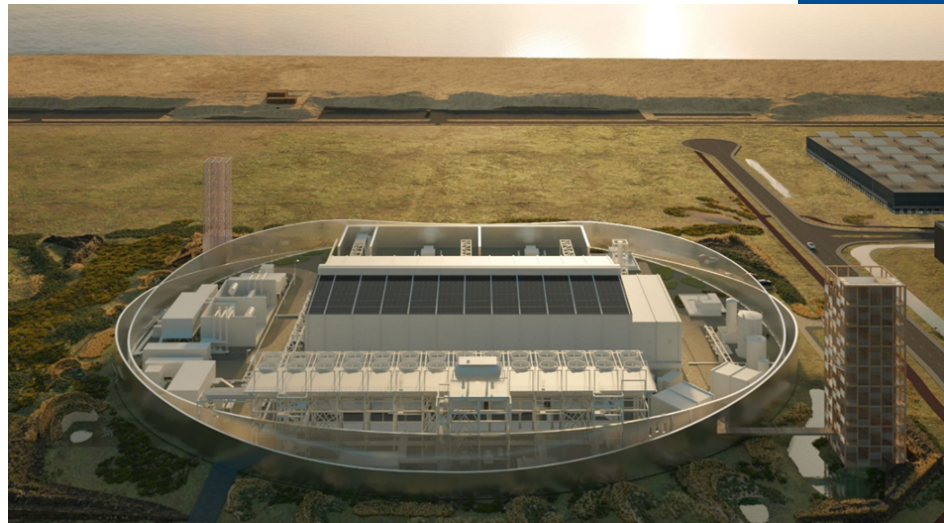




The renewable hydrogen produced by Holland Hydrogen 1 will replace some of the grey hydrogen usage in the refinery.



Yokogawa selected as MAC for constructing Europe's largest renewable hydrogen plant

Yokogawa has been selected by Shell Plc to be the main automation contractor (MAC) for the construction of its Holland Hydrogen I plant in the Dutch port of Rotterdam.

The Holland Hydrogen I plant will have a 200 megawatts (MW) electrolyser that will produce up to 60,000 kilograms of green hydrogen per day. The green hydrogen produced at this plant will be transported via a pipeline to the Shell Energy and Chemicals Park Rotterdam, where it will replace some of the grey hydrogen used in the refinery, partially decarbonizing the facility's production of energy products like gasoline, diesel and jet fuel.

"Our company aims to play a leading role in achieving a world in which systems are closely integrated, based on the system of systems (SoS) concept. In the hydrogen supply chain, there are individual systems for functions such as production, pipeline transport, storage, and supply, each of which is owned by a different entity. Through participation in projects that help our customers achieve progress in their decarbonization strategies and add value to their enterprises, Yokogawa will continue working to realize a sustainable society."

Koji Nakaoka, Yokogawa vice president and head of Yokogawa's Energy & Sustainability Business Headquarters and Global Sales Headquarters