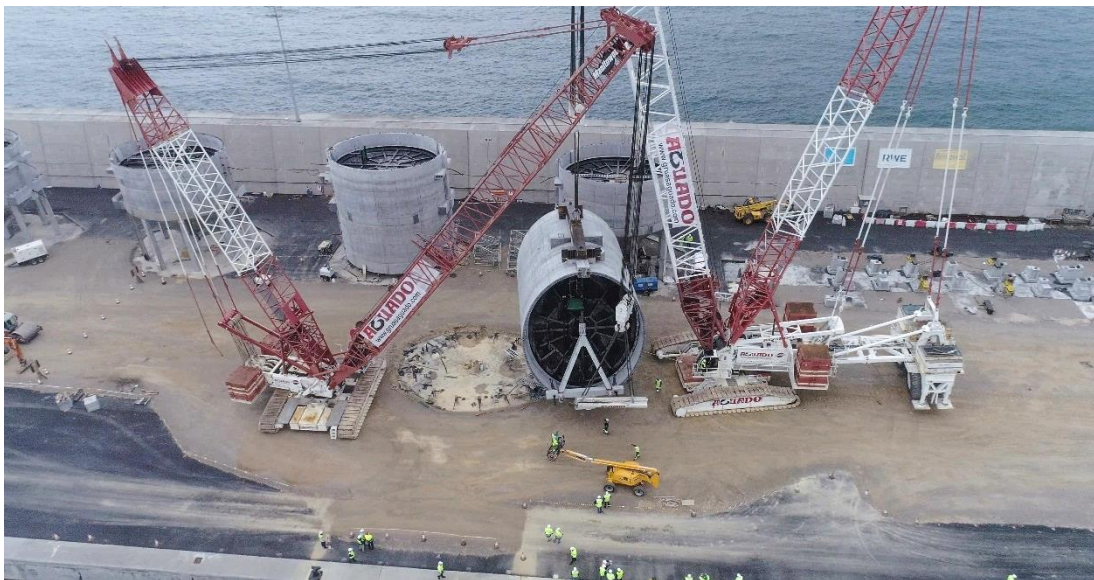
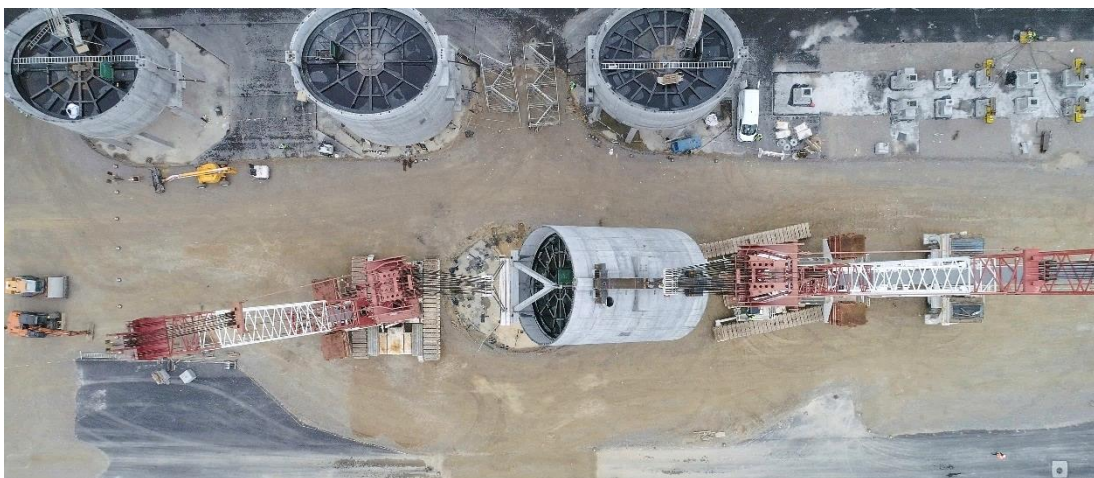


DemoSATH floating offshore wind platform manufacturing moves forward in the Port of Bilbao

- Saitec Offshore has successfully completed assembly operations of the precast elements of DemoSATH hull.
- The lifting, turning, and positioning operation of the segments has been carried out for their final assembly.
- Set up in partnership with RWE Renewables, the project is due to be installed on BiMEP open sea test area (Biscay, Spain) in the third quarter of 2022.



DemoSATH lifting and pivoting operation

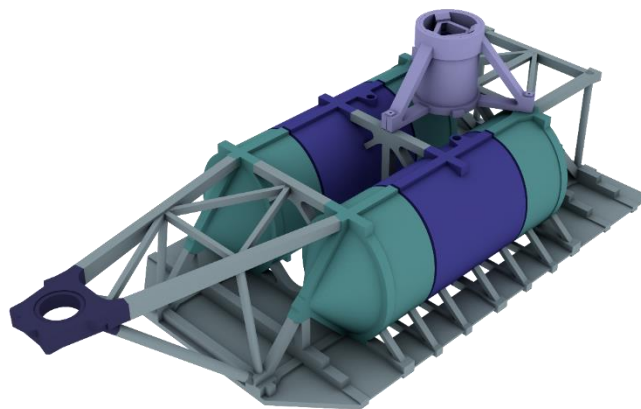


DemoSATH lifting and pivoting operation



SATH floaters

Bilbao, 17 December 2021. DemoSATH manufacturing works speeds up in the Port of Bilbao (Spain). The latest milestone has been the handling operation of the prototype. This consists on lifting, pivoting, and positioning the 6 precast elements that have initially been prefabricated. These elements compose the floaters of the platform and include 4 conical elements (2 per floater) and 2-cylinder elements (1 per floater).



DemoSATH precast elements

DemoSATH prototype consists of two hulls, each having three prefabricated segments. The positioning and pivoting maneuver of these pieces has been carried out using two cranes with capacities of up to 500 tons. These cranes have raised the pieces 14 meters high and have transported 150 meters away to the specific construction supports at the foundation slab that has been specifically designed and constructed for this purpose. It is remarkable that the floater positioning results had an error below 1 centimeter.

Beginning in November 2020, DemoSATH construction and assembly works have been led by Ferrovial, world's leading infrastructure operator. Since then, the main milestones of the project include the construction site preparation, intensive campaigns on the dosage of concrete to suit the design requirements, and the completion of the first precast phase, which includes the complete execution of the floats.

The next phase involves the full assembly of the prototype and the execution of the rest of the elements of the platform. At the same time, new precast phases and movements of large components will be done, such as the installation of the tower and the wind turbine.

In this joint pilot project called DemoSATH, Saitec Offshore Technologies and RWE Renewables will test SATH floating platform in which will be mounted a 2MW wind turbine. The base of the structure will be approximately 30 metres wide and 64 metres long. The platform will be towed to its anchorage point in a test field (BiMEP) 2 miles off the Basque coast (Spain) where the sea is about 85 metres deep. DemoSATH will have the potential to produce electricity for 2,000 homes.

This project aims to collect data and gain real-life knowledge from the construction procedure, operation, and maintenance of DemoSATH floating wind platform.

Please direct enquiries to:

Coral Jaén

Head of communications and marketing Saitec Offshore Technologies

T. (+34) 94 464 65 11

M (+34) 627 79 17 67

coraljaen@saitec.es

Sarah Knauber

Press Office RWE Renewables

T +49 (0) 201 5179 5404

M +49 (0) 162 25 444 89

sarah.knauber@rwe.com

saitec



RWE

About Saitec

Founded in 1988, Saitec is one of the most prestigious engineering firms in Spain. With a strong commitment to innovation, sustainable development and respect for the environment, Saitec Engineering offers a wide range of services throughout the entire engineering value chain (planning, design, construction and operation).

The field of activity comprises transport infrastructure projects (railways, roads), water engineering, architecture, town planning, environment, industry and energy services for both public and private companies, as well as joint ventures. Saitec Engineering also provides consultancy services in highly specialised fields such as tunnels and underground works, geology and geotechnical engineering, structural engineering, innovation, construction and computer engineering.

Seeking international growth by going global, in 2008, the company decided to expand the business aiming to share its experience and know-how in fastest-growing markets.

About Saitec Offshore Technologies

Saitec Offshore Technologies is a spin-off from Saitec. Founded in 2016, created to globalize offshore wind by developing SATH technology, a competitive and cost-efficient concrete floating solution that removes the barriers related to water depth, reduces both CAPEX and OPEX and enhances local content. The outfit also offers associated engineering services related to this field.

RWE

RWE is leading the way to a green energy world. With an extensive investment and growth strategy, the company will expand its powerful, green generation capacity to 50 gigawatts internationally by 2030. RWE is investing €50 billion gross for this purpose in this decade. The portfolio is based on offshore and onshore wind, solar, hydrogen, batteries, biomass and gas. RWE Supply & Trading provides tailored energy solutions for large customers. RWE has locations in the attractive markets of Europe, North America and the Asia-Pacific region. The company is responsibly phasing out nuclear energy and coal. Government-mandated phaseout roadmaps have been defined for both of these energy sources. RWE employs around 19,000 people worldwide and has a clear target: to get to net zero by 2040. On its way there, the company has set itself ambitious targets for all activities that cause greenhouse gas emissions. The Science Based Targets initiative has confirmed that these emission reduction targets are in line with the Paris Agreement. Very much in the spirit of the company's purpose: Our energy for a sustainable life.