saitec offshore technologies

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www.saitec-offshore.com

About us

Saitec Engineering

Founded in 1988, the company provides a wide-range of engineering and project management services to both public and private clients on the following areas:

- Roads
- Railways
- Water
- Environment
- Industry and energy
- Architecture and town planning
- Consultancy

Saitec Engineering at a glance:

Biscay
Headquarters

+350
Employees

+30
Years of experience

International
Offices

- Spain
- Sweden
- Colombia
- Australia

www.saitec.es

We want to contribute to our society with a reliable technology that can help to fight climate change

+30 technical and specialized professionals comprise a team working to shape the future of energy

Saitec Offshore offers a unique solution for the offshore wind industry

Started in 2016 as a spin-off from **Saitec Engineering**, a major Spanish engineering firm with 25+ years of experience in various sectors.

SATH Technology is an innovative and competitive concrete floating concept suitable for shallow and deep waters. This solution is at an advanced stage of development, proven through successful wave basin testing campaigns and demonstration projects.

Saitec Offshore is currently developing several **pre-commercial and commercial-scale** projects in different countries.

SATH Technology

An innovative and competitive concrete floating concept for offshore wind turbines suitable for shallow and deep waters (35m depth, onwards)

Platform main assets

- Twin hulls
- Heave pleate
- Transition piece
- SPM
- Mooring system

PLUG & PLAY

Easy installation suitable for quick disconnection.

SINGLE POINT MOORING

Oil&Gas proven technology reducing stresses in mooring.

CO2

Concrete carbon footprint significally lower than the equivalent in steel.

CONCRETE

Local content enabler. Reduced manufacturing and maintenance costs.

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DEMOSATH

Turbine: 2 MW WTG

Floater Dimensions:
30 m. x 64 m.

Site: 2 miles off the coast in BIMEP

Water depth: 85 m.

Mooring: Hybrid mooring lines

Local Supply Chain < 25km
75% of construction budget

BiMEP Biscay Marine Energy Platform
Bilbao PORT
ferrovial construcción
VICINAYmarine
GRI Renewable Industries
haizea wind
prosertek
AUXEMA stemmann
SOVERIN CONTROL
ORMAZABAL velatia
CMA COMECARAN S.A.
euskalforging
SPARBER GROUP
GABOTEK MONTAJES INDUSTRIALES
TAMOIN

RWE

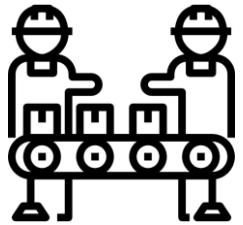
Kansai Electric Power
power with heart

The German and Japanese utilities joined the project as partners and co-investors

1st grid-connected FOWT in Spain

Challenges identified

Platform Design and Construction
Industrialize Fabrication



Installation, Operation and Maintenance
O&M Strategies

Turbine, Anchoring Systems and Auxiliary Components
Mooring systems

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