

# GEO - ISC Group

From the initial planning  
to the commissioning of the offshore wind farm

We offer a complete, multidisciplinary solution, which includes the initial planning, all site investigations, lab work, foundation design, substation design and tests, as well as the commissioning of the installations.



## All in one

Uncertainties regarding responsibility and data interpretation are all in the past, now that GEO-ISC Group offers services ranging from the initial planning of an offshore wind farm to the commissioning of the installations.



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## All advantages

- > An improved project management, as both the site investigation contractor and the design engineer participate from the start.
- > A clear division of responsibilities, as we take responsibility throughout the whole project.
- > Reduced risk, as the client no longer acts as an intermediary between the contractor and the engineer.
- > Costefficiency due to an optimized time schedule, direct communication, less internal administration and a tighter project management.



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## All GEO-ISC services included

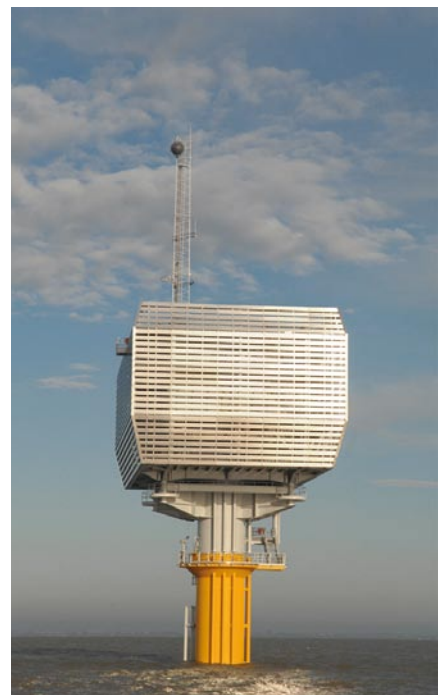
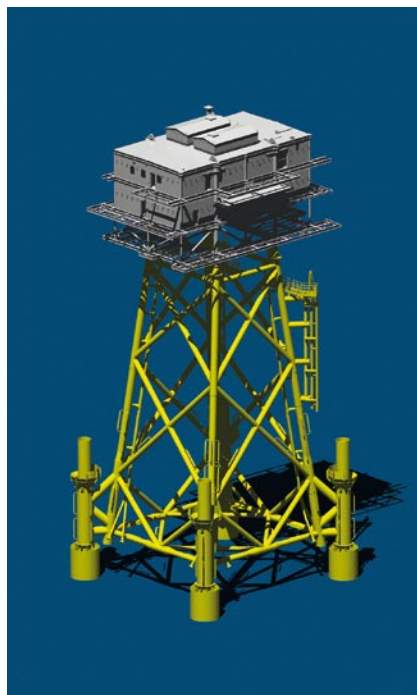
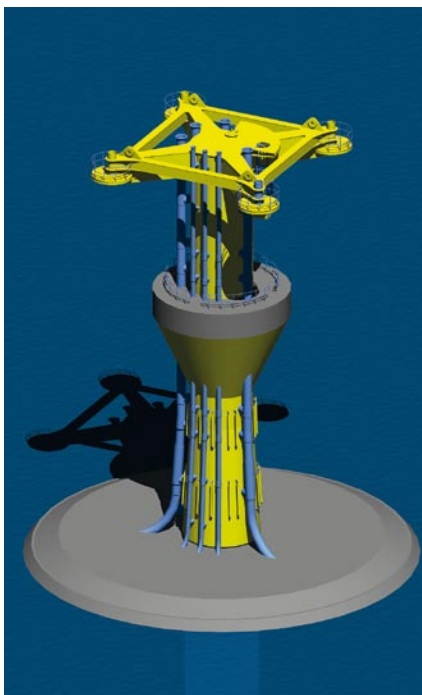
- > Concept development, feasibility studies and preliminary designs.
- > Liaison with authorities and handling of approval process.
- > Complete geophysical and geotechnical site investigations.
- > Laboratory tests and analyses.
- > Conceptual and detailed foundation design for wind turbines and substations.
- > Tendering.
- > Construction management and supervision.
- > Testing and commissioning.
- > Operation and maintenance manuals.

## All committed

The GEO-ISC Group has more than 400 competent and dedicated employees. Our clients profit from our extensive offshore experience and our focus on reliable, safe and costeffective solutions that will withstand the rough conditions at sea.

## All site investigations

Our offshore teams carry out both initial and full site investigations, including geophysical surveys and geotechnical investigations, all related lab work and construction phase services, such as in and out surveys.



## All engineering disciplines

Our expert teams carry out all engineering activities required for both wind turbine foundations and complete offshore substations, including all engineering disciplines on the topside as well as on the substructure. Substructures can be designed as monopiles, steel tripods, and gravity type foundations or for larger water depths, 4 legged jacket structures.

## Certified

Our site investigation and engineering services are pre-qualified in both Achilles and Sellihca. During the design process an internal quality manual in accordance with ISO 9001 is applied. Our offshore designs are certified by agencies such as Germanisher Lloyds or Det Norske Veritas (DNV).



Map showing the offshore wind farms where GEO-ISC Group has provided Geotechnical (•) or Foundation design services (•)

## ISC

ISC provides multidisciplinary engineering services for offshore wind farms as well as for Oil & Gas installations. ISC has taken part in the design of almost 40 % of all offshore wind farm substations installed or under construction around the world.

## GEO

GEO is an engineering consultancy and contractor offering site investigations for offshore structure installations. We have supplied geotechnical services for over 30 offshore wind farms. GEO also specialises in geotechnical engineering and laboratory testing.

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