READY FOR ANY OFFSHORE CHALLENGE, ANYWHERE IN THE WORLD

• Safety and quality always come first.
• GeoSea combines high-level expertise and state-of-the-art technology to meet your most demanding offshore needs.
• We actively pursue cost-effectiveness and innovation on your behalf.
• Projects are handled efficiently from start to finish, no matter how complex, within the agreed timeframe.
• We demonstrate our commitment to the future by operating in a sustainable way.
"A combination of high-level expertise and state-of-the-art technology"
DETERMINED TO SUCCEED

GeoSea offers first-class offshore contracting solutions to global clients. We have the skills, the technology and the equipment to perform in the most challenging marine environment. Always working closely with our clients, we understand what it takes to define and deliver a project cost-effectively, safely and on time.

TECHNICAL EXPERTISE AND EXPERIENCE
Our core team of more than 200 civil and industrial engineers from around the world has the experience, knowhow and certification to offer the correct solution. We also deploy a very large global operational workforce with experience in all aspects of offshore contracting. All our employees are permanently trained and educated. Together they offer you the technical and management capabilities needed to perform at all stages of your offshore project, from survey and design to full lifecycle management.

SAFETY: OUR FIRST PRIORITY
Safety is the key factor in any successful offshore project. Working at sea requires a safe and healthy environment for all of us: staff, crew, customers, contractors, suppliers and visitors. GeoSea adheres to strict weather and sea state condition regulations, and we make our safety performance visible through transparent reporting.

CONTINUOUS INNOVATION
To better serve our clients, we continuously develop new techniques, methods and tools in our own Research and Development department. This approach has made us a competitive bidder and cost-efficient partner. We often are the first in the world to propose new solutions with net gain of safety, working time and accurate positioning. As an example, among many others, we developed a massive 160 t template, hanging below a jack-up platform, to guide the foundation piles of an offshore wind turbine.

CERTIFIED QUALITY
Our plant, platforms and vessels may be huge and the offshore constructions we build may be enormous. But the tolerances we respect, the accuracy we aim at and the precision of our realizations are unequalled. An offshore wind turbine tower may rise to the skies but its foundations are piled at vertical and relative tolerances measured in millimeters. This quality is guaranteed by numerous certificates, including ISO 9001, VCA** and OHSAS 18001.

WORLD-CLASS TRACK RECORD
GeoSea has successfully concluded numerous projects around the world, in water depths of up to 50 m and often involving large diameter pile installation. GeoSea engineered and executed the raising of the Tricolor car carrier, one of the most daring offshore operations in marine construction history. At a full 20 miles at sea, we drilled ten cables under the sunken wreck off Dunkirk, France, with a tolerance of barely 10 cm. A sawing cable was pulled through the tunnels, dividing the 190 m long vessel in nine pieces of 1000 to 2000 t.

MULTIPLE AWARDS
Our efforts, creativity and fast growth have not gone unnoticed. Our peers have repeatedly shown their appreciation. We were awarded the Grand Prix in the famous Prix de l’Innovation competition by the French construction group Vinci in 2011, for our innovative template for offshore foundation installations. We were recognized, in the same year, as the fastest growing construction company and received the Kei Award for it.
“Experienced in all aspects of offshore contracting”
“Committed to a greener future”
GeoSea offers a comprehensive array of offshore services, from foundation and offshore installation works to site investigation and service and maintenance. Our team can handle any project management challenge and any offshore technical problem. The world wide seas are our activity field.

**COMPREHENSIVE APPROACH**

With pioneering initiatives, we literally lay the foundations for harvesting renewable energy, for producing green power and for sustainable development. We also operate in sustainable ways ourselves.
FOUNDATION WORKS

GeoSea is the world leader in drilling and hammering large diameter piles. These piles allow our clients to construct jetties, mooring facilities, bridges, wind farms and other offshore constructions in a fast, inexpensive and reliable way. We are also well known for our expertise in anchoring, mooring, gravity foundation, soil improvement, drilling and blasting.

We can increase the overall ground bearing capacity of a particular area, clear rock outcrop to deepen port approaches and berths and conduct a variety of other clearance and excavation works. To work with precision in all kinds of soil, we have developed many innovative techniques.

CASES

1. Costa Azul, Mexico
   Rock socketing works consisting of 14 large diameter piles of 2.8 m diameter.

2. Dande, Angola
   Rock socketing for mooring piles and installation of a mooring system.

3. Cape Lambert, Australia
   Installation of jetty piles.

4. Walney, UK
   Installation of 102 foundations consisting of monopiles to accommodate 3.6 MW turbines.

5. Ormonde, UK
   Pre-piling of 124 piles for 31 jacket foundations.
“It takes a special kind of mentality to deliver huge projects on time”
“Lifting and installing a 300 t nacelle at 100 m high requires careful preparation and dedication”
INSTALLATION

GeoSea erects offshore structures around the world, in a wide variety of environments. Clients like to come to us when the challenges are extreme. They know we can handle multi-faceted projects, strive towards the highest level of quality and safety control and possess a wide variety of techniques to solve site-specific issues.

We have a wide experience in the field of port, mining and offshore energy infrastructures, especially wind farms. Minding our customers’ needs throughout, we also decommission offshore installations that are no longer generating revenue.

• Wind turbines
• Oil and gas infrastructures
• Met masts
• Civil constructions
• High voltage stations
• Subsea cables and pipelines
• Navigational aids
• Decommissioning of oil and gas infrastructures

CASES

1. Radar tower, Belgium
   Installation of a manned offshore radar tower.

2. Limbe, Cameroon
   Jetty structure and furniture.

3. Borkum, Germany
   Pre-piling and wind turbine generator installation of Alpha Ventus offshore wind farm.

4. Thorntonbank, Belgium
   Phase 1: construction and installation of 6 windmill gravity based foundations (approx 3000 t/pc) and auxiliary works.
   Phase 2 and 3: construction and installation of 48 jacket foundations and windmills.
SITE INVESTIGATION

GeoSea conducts soil investigations with the aid of a wide range of new, innovative geophysical and geotechnical techniques from sophisticated self-elevating platforms and DP2 vessels. Techniques that are currently applied include vibrocoring and CPT-testing, environmental sampling, conventional drilling, geophysical borehole logging, pressure meter testing, bathymetric surveys, subbottom profiling and side scan sonar imaging.

We conduct site investigations from well-equipped fixed platforms as well as from our own innovative FLIDAR, a floating assessment tool that is fast, reliable and very cost-efficient.

CASES

1. Greater Gabbard, UK
   Soil investigation for an offshore wind farm with drillings of up to 35 m below the seabed.

2. London Array, UK
   Soil investigation campaign for an offshore wind farm with drillings and CPT’s of up to 50 m below the seabed.

3. Gunfleet Sands, UK
   Soil investigation campaign for an offshore wind farm with CPT’s and drillings.

4. Maasvlakte II, The Netherlands
   Site investigation for the Rotterdam Port expansion.

5. Port Hedland, Australia
   Site investigation for Iron Ore jetty.
“Site investigation is a pioneering job, always the first on any project.”
“We maintain what we build, another reason for doing well from the start.”
SERVICE AND MAINTENANCE

GeoSea offers a wide variety of services to owners of offshore assets, marine consultants and marine contractors in the Oil and Gas and in the Offshore Renewables sector. These services consist of management services (of ports, fleets and projects), supporting and logistic services (delivering accommodation, catering, crew transfer) as well as survey and inspection services and maintenance and repair services.

GeoSea has the experts, the equipment and the experience to provide these comprehensive services in full conformity with the highest quality and safety standards required in the offshore industry.

- Repair services
- Platform rejuvenation
- Logistic services
- Offshore accommodation
- Monitoring and preventive maintenance
- Management of ports, platforms, vessels, crews and supplies

CASES

1. De Ruyter, The Netherlands
   Offshore accommodation for up to 100 people, with heli deck, offshore crane, catering and more.

2. Thorntonbank, Belgium
   Contract for the provision of crew and supply transfers and jack-up services at OWF Thornton.
MEET THE FLEET

Because GeoSea uses its own jack-up platforms, drilling and piling rigs, and investigation equipment, it can swiftly respond to your needs and desires. All equipment, whether used for installation, soil investigation, wreck removal or drilling, is adapted to the highest standards, in order to ensure quality and safety.

NEW APOLLO

The new green jack-up vessel Apollo will join GeoSea’s current fleet of self-propelled jack-ups. The vessel will be equipped with an 800 t leg-encircling crane. The vessel deck provides free area of 2000 m² with a load carrying capacity of 15 t/m². The jack-up Apollo will be outfitted with 106.8 m long lattice legs that allow her to operate in water depths of up to 70 m. Apollo will have standard accommodation for 90 persons on board upgradable to 150 and will be launched at the end of 2016.

NEW THOR

The jack-up vessel Thor is added to GeoSea’s current fleet of self-propelled jack-ups. Thor is very versatile and suited to operate in all of GeoSea’s areas of expertise. The vessel is 70 m long and 40 m wide and is equipped with a 400 t crane. The vessel deck provides free area of 2000 m² with a load carrying capacity of 15 t/m². The jack-up Thor is outfitted with 82 m long round legs with spud cans that allow her to operate in water depths of up to 50 m. Thor has standard accommodation for 56 persons on board.
"We can swiftly respond to your needs and desires"
“Dedicated people in an innovating and stimulating environment”
STRENGTH & SYNERGY

PART OF DEME
DEME is a world leader in marine engineering, dredging and environmental works.

Through our membership of DEME, we offer clients the reliability, stability and financial strength of a multinational contracting group. GeoSea and its clients also benefit from the vast network and knowhow of the group.

GEOSEA MEMBERS
To meet the needs of our customers in the most efficient way, we have founded a number of specialized subsidiaries.

EverSea NV is a specialist in complex offshore marine engineering projects. It offers a wide variety of services in the sector of offshore Oil & Gas.

GeoSea Maintenance provides tailor-made supporting services at all stages of an offshore project, primarily to marine contractors, the offshore wind industry and the oil and gas sector. The services are delivered ad hoc, as a complete package and with long or short term contracts, depending on the client’s needs.

REBO is a Special Purpose Company that operates as the main logistic entity in the development of a renewable energy infrastructure off Ostend, Belgium.

High Wind designs, develops and constructs robotized tools. It provides solutions to install offshore wind turbines at 'high wind' conditions, reducing the offshore installation time and costs.

Deme4Life
As a responsible member of society, GeoSea feels close to the communities it serves.

We support initiatives in these communities through the Deme4Life Foundation. This foundation consolidates the charitable and community-oriented actions of DEME employees around the world. It wants to give less privileged individuals and communities the opportunity to develop and reach their full potential. In doing so, the Foundation aspires to have a genuine impact on the communities and projects it supports.