



Building the foundations of global energy



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foundocean.com

Our clients include the biggest names
in the global energy industry.

Aker Solutions | Boskalis | BP | Cenovus Energy
ConocoPhillips | Deme Group | E.ON Climate & Renewables
Genesis Energy | Heerema Marine Contractors
Hyundai Heavy Industries | Jan de Nul | Jumbo Offshore
Larsen & Toubro | McDermott | Micoperi SpA | Mobil
Oceaneering | RWE Innogy | Saipem | Vantris Energy
Seaway 7 | Shell | Subsea 7 | Technip
Van Oord Offshore Wind Projects | Wood Group





Venterra Group is a dynamic and innovative engineering powerhouse, dedicated to delivering advanced solutions in the global offshore, subsea and renewable energy sectors.

The vision of Venterra Group is to be the global leader in providing innovative, sustainable and efficient engineering solutions. By leveraging the collective expertise of its member companies, Venterra Group aims to push the boundaries of what is possible in engineering, creating value for our clients and driving progress in the industries we serve.

FoundOcean was one of the founding member companies in 2021. Together, Venterra Group can provide project management and engineering across the full offshore wind farm lifecycle, from concept design to decommissioning.

ENGINEER | BUILD | SUPPORT

ENGINEER environmental and geotechnical analysis and design, hydrographic surveys, UXO and metocean data analysis, along with consultancy support

BUILD planning, logistics, foundation installation and moorings, and designing and building bespoke offshore equipment for specific applications

SUPPORT staging and marshalling, transport and installation, operation and maintenance, asset inspection and integrity management, bespoke surveying

Venterra Group – industry experts, harnessing state-of-the-art technology and new thinking, working together to deliver great solutions for our customers.





OFFSHORE WIND

Europe remains at the forefront of offshore wind – and so do we. From the world's first jacket-based wind farm to the installation of wind turbines and offshore substations around the world, our expertise and innovation have helped deliver some of the industry's landmark projects, from the coast of the UK and Europe to the USA and Taiwan.

Our high-output grout mixers have played a key role in setting installation speed records for offshore wind foundations.

Grouting subsea structures since 1966, FoundOcean is the trusted partner for wind farm installations, whether monopile, jacket or suction bucket foundations. Working alongside our Venterra Group members, strategic partners and suppliers, we provide the latest range of cementitious grouting materials – tailored to meet the evolving demands of the offshore renewables sector.

We are excited to be playing our part in the green energy transition, having grouted over 2000 offshore wind farm structures, helping countries move to a cleaner and more sustainable future.



12 STANDOUT PROJECTS

1

PROJECT Vineyard OWF
OPERATOR Vineyard
CLIENT Vineyard
FOUNDATION 73 monopile jackets

2

PROJECT Ormonde
OPERATOR Vattenfall
CLIENT Scadis
FOUNDATION 30 turbine jackets & 1 substation

3

PROJECT Moray West
OPERATOR Ocean Winds
CLIENT Deme
FOUNDATION 60 monopiles

4

PROJECT Beatrice
OPERATOR BOWL
CLIENT Seaway Heavy Lifting
FOUNDATION 84 four-legged jackets

5

PROJECT Seagreen
OPERATOR SSE Renewables & TotalEnergies
CLIENT Saipem
FOUNDATION 114 suction bucket jackets

6

PROJECT West of Duddon Sands
OPERATOR DONG Energy
CLIENT Offshore Wind Force
FOUNDATION 108 monopiles



7

PROJECT Gwynt y Môr
OPERATOR RWE Npower Renewables
CLIENT RWE Innogy
FOUNDATION 160 monopiles

8

PROJECT East Anglia One
OPERATOR Scottish Power Renewables (SPR)
CLIENT Van Oord
FOUNDATION 102 turbine jackets

9

PROJECT Nordsee-Ost
OPERATOR RWE Innogy
CLIENT RWE Innogy
FOUNDATION 48 turbine jackets & 1 substation

10

PROJECT Thornton Bank
OPERATOR C-Power
CLIENT Geosea
FOUNDATION 49 four-legged jackets

11

PROJECT Greater Changhua 2b + 04
OPERATOR Orsted
CLIENT Orsted
FOUNDATION 66 suction bucket foundations & 1 four-legged jacket

12

PROJECT Greater Changhua 1 + 2a
OPERATOR Orsted
CLIENT Orsted
FOUNDATION 111 three-legged jackets



OIL & GAS

Over the decades, we've set the benchmark for offshore grouting – leading innovations and setting records on our journey to becoming a world leader in offshore energy construction.

We have worked on many well-known O&G fields around the world, from Brent in the North Sea to Bullwinkle in the Gulf of Mexico.

We've consistently delivered complex engineering with confidence, from grouting the world's first free-standing compliant tower to securing the jacket for the largest topside ever installed, holding the record for the deepest deployed fabric formwork and creating bespoke concrete lift points to remove an entire topside in one single 9-second lift.

Working closely with our strategic partners, we bring unrivalled expertise and precision to every project, whether grouting new infrastructure, carrying out inspection, repair and maintenance work, life extension solutions or decommissioning. FoundOcean ensures that your offshore project completes safely and on schedule.



1

LARGE-SCALE DUAL PLATFORMS

PROJECT Clair Ridge WHPs
 OPERATOR BP
 CLIENT Heerema
 SERVICE Foundation grouting

2

CHALLENGING SEABED CONDITIONS

PROJECT Troll A Pipeline
 OPERATOR Statoil
 CLIENT Subsea 7
 SERVICE Freespan correction

3

TIME-CRITICAL PIPELINE REPAIR

PROJECT BP CATS
 OPERATOR BP
 CLIENT Technip
 SERVICE Pipeline clamp

4

WORLD'S LARGEST STEEL OFFSHORE PLATFORM

PROJECT Bullwinkle
 OPERATOR Shell
 CLIENT Heerema
 SERVICE Foundation grouting

5

DEEP WATER PIPELINE SEPARATION (2,500ft)

PROJECT Perdido Norte Pipeline
 OPERATOR Williams
 CLIENT Saipem
 SERVICE Pipeline separation

6

GULF OF MEXICO ANCHOR DRAG REPAIR

PROJECT Williams Pipeline Anchor Drag
 OPERATOR Williams
 CLIENT Saipem America
 SERVICE Pipeline repair



7

LAND-LOCKED PLATFORM

PROJECT West Chirag WHP
 OPERATOR BP
 CLIENT Saipem
 SERVICE Foundation grouting

9

WORLD'S DEEPEST FABRIC FORMWORK DEPLOYMENT (5,000ft)

PROJECT Liwan Pipeline
 OPERATOR ONGC
 CLIENT Saipem
 SERVICE Freespan correction

11

LARGE-SCALE DUAL PLATFORMS

PROJECT Perigrino WHPs
 OPERATOR Statoil
 CLIENT Heerema
 SERVICE Foundation grouting

8

MAJOR FIELD EXPANSION & DEVELOPMENT

PROJECT Mumbai High South WHPs
 OPERATOR ONGC
 CLIENT Heerema
 SERVICE Pile grouting

10

FIRST COMPLIANT TOWER OUTSIDE THE GULF OF MEXICO

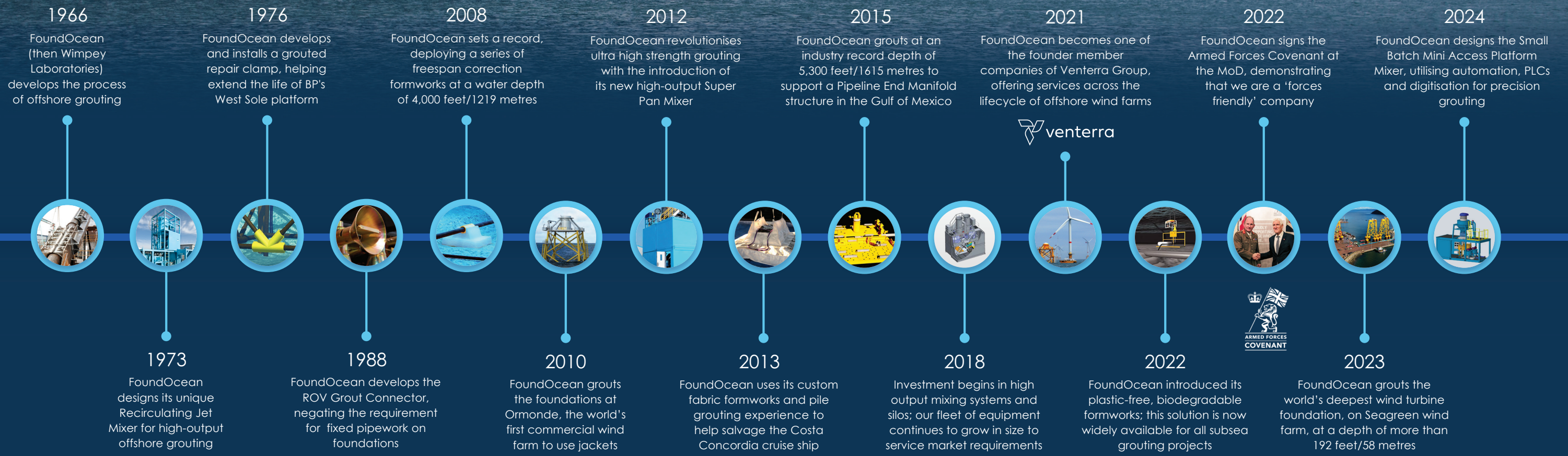
PROJECT Benguela-Belize Compliant Tower
 OPERATOR Cabinda Gulf Oil Co. Ltd.
 CLIENT Heerema
 SERVICE Foundation grouting

12

WORLD'S LARGEST TOPSIDE

PROJECT North Rankin B WHP
 OPERATOR Woodside
 CLIENT Heerema
 SERVICE Pile grouting





Innovate. Shape. Transition. Grow.

What are your Requirements?

FOUNDATION GROUTING

We have delivered more than 6,000 grouted connections for many of the world's well-known offshore wind farms and oil and gas platforms ... on every continent except Antarctica.

Our range of foundation grouting services includes:

- Pile grouting
- Monopile transition piece grouting
- Suction bucket grouting
- Rock socket grouting
- Under-base grouting
- Pressure grouting

We have gained our industry-leading expertise through our unmatched engineering resource, dedication to innovation and attention to detail.

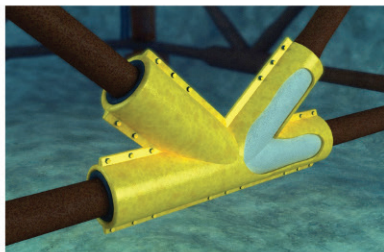
FABRIC FORMWORKS

We design and manufacture an extensive catalogue of high quality fabric formworks (known as 'grout bags') in both standard and custom shapes, sizes and volumes.

Installed by ROVs or divers, these can be deployed for pipelines or cables, offering a range of solutions:

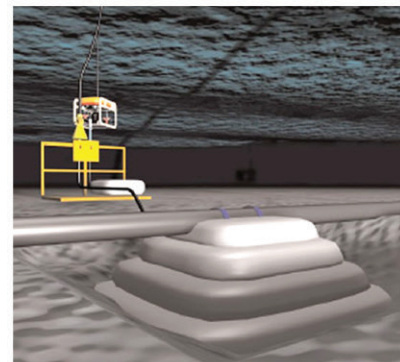
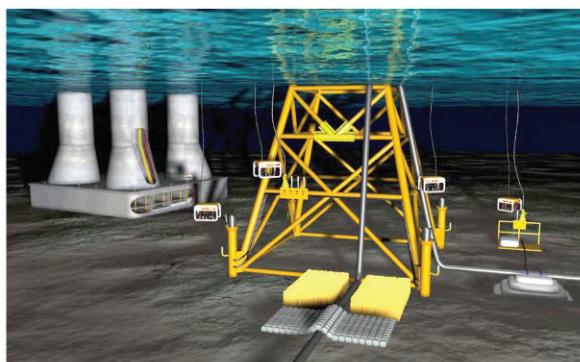
- Stabilisation
- Support
- Separation
- Freespan correction
- Protection
- Scour prevention & rectification

Our fabric formworks can be manufactured from either polymer geotextiles or biodegradable natural fibres – a very environmentally friendly option.



I trust FoundOcean with our projects because they always deliver – on time and in budget. They are the best in the industry.

OWF Operator



LIFE EXTENSION SOLUTIONS

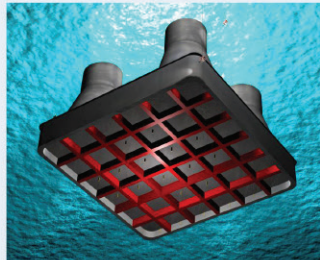
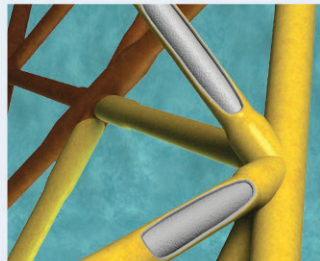
We have worked with the offshore construction sector to design, develop and deliver the technology to provide cost-effective strengthening, repair and modification (SMR) solutions to ageing or damaged assets.

Our range of life extension solutions includes:

- Foundation strengthening
- Foundation stabilisation
- Repair clamps
- Freespan correction
- Scour rectification

Structural SMR for existing jacket structures can be required for various reasons:

- fatigue
- design errors
- design code updates
- fabrication defects
- corrosion
- mechanical damage or dents
- provision of additional conductors
- life extension



DECOMMISSIONING

Whether for subsea pipelines, tanks or other assets, FoundOcean offers a range of grout-based options to provide a temporary or permanent seal.

LIVE SYSTEMS

Need to be fully clean of oil and sealed.

OBSOLETE SYSTEMS

Need to be plugged to meet regulatory requirements.

We have been involved in a number of different decommissioning projects and can provide a number of solutions:

- Permanent isolations
- Pipeline cleaning and displacement
- Topside Removal
 - Lift point installations
(for 'top down' or 'bottom up' lifts)
 - Member infill & strengthening
 - Leg capping

We cater for the needs of each project, enabling simplified asset disposal at onshore facilities.

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FoundOcean came up with an extremely innovative decommissioning solution that proved to be very efficient and cost-effective, with the project running smoothly and professionally executed.

Project Engineer





SPECIAL PROJECTS

We have been involved in a number of custom projects globally where a client has called upon our engineering expertise.


We have applied our grouted solutions to a range of a typical situations including:

- repairing a palace sea-wall in the Middle East
- building the formwork bank to stabilise the capsized Costa Concordia cruise ship
- protecting the Haenam-to-Chesu power cable with a continuous formwork

Although not always related to the energy industry, we approach these special projects in the same way: meticulous planning, continuous communication and vigorous attention to detail.

As part of the global green energy transition, we are also handling enquiries about subsea carbon capture, green hydrogen production, and hybrid offshore energy solar/wind projects.





Why Choose to Work with FoundOcean?

We provide unparalleled subsea and offshore grouting for the global energy construction industry.

WE ARE

TRUSTED

We are the preferred global grouting partner for offshore energy construction, life extension solutions and decommissioning of offshore assets.

PROVEN

We have safely and successfully delivered more grouted connections around the world than any other offshore grouting contractor.

RELIABLE

Working with strategic partners, you know your project is in safe hands with our unmatched engineering resource.

ADAPTABLE

Always taking a flexible and positive approach, we pride ourselves on working smartly and reacting swiftly in a changeable environment.

SAFE

We fully understand the importance of working safely, without harm to the environment and with excellent project and contingency planning, and attention to detail.

HEALTH, SAFETY & ENVIRONMENT

FoundOcean is committed to maintaining a conscious culture around health, safety and the environment.

We apply this to every aspect of the business, offshore and onshore, to prevent harm to our people and the environment in which they work.

We strive to identify and eliminate all foreseeable hazards and minimise the probability of incidents resulting in injury, illness or damage to property or the environment.

Our incident-free and injury-free strategy centres on a multi-layered learning and development programme, embedded employee wellbeing culture, and building a sustainable business for the future.

You can trust that we have implemented the necessary internal processes to meet the rigorous requirements demanded by the offshore industry.

QUALITY ASSURANCE

FoundOcean is DNV-accredited to ISO 9001, ISO 14001 and ISO 45001.

We also hold Achilles Gold for Global Energy and Silver Plus (the highest level) for UVDB (Utilities Vendor Database).

We are members of the British Safety Council.

We undertake extensive grout testing procedures to guarantee the quality of the material that we mix and pump, both in onshore trials and during offshore projects.

By standardising our processes, we manage our work efficiently and reduce project risks. Our people use these standards on a daily basis, and we train all new staff to use them too. Regular audits help us continually to adjust and improve our approach.

All company policies are reviewed annually to monitor effectiveness and ensure that our commitment to continual improvement is maintained.





GET IN TOUCH

Your next grouting project starts with a conversation

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Follow us on LinkedIn and Bluesky

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FoundOcean is a proud member of the Venterra Group