Leaders in foundation and structural grouting for the global offshore energy industry
SUBSEA AND OFFSHORE
GROUTING FOR THE GLOBAL
ENERGY CONSTRUCTION
INDUSTRY

Trusted
We continue to be the preferred global
grouting partner for offshore energy
construction, and the provider of life
extension solutions for offshore assets.

Proven
Since 1966, we have safely and
successfully delivered more grouted
connections than any other offshore
grouting contractor, from the Gulf of
Mexico to the Gulf of Thailand.

Reliable
Working with strategic partners, you
can be sure that your project is in safe
hands with our unmatched engineering
resource, dedication to innovation, and
attention to detail.

Safe
We fully understand the importance
of project and contingency planning
and are DNV accredited for Quality
Management (ISO 9001) and Health and
Safety (OHSAS 18001).

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

www.foundocean.com
Our clients include the biggest names in the global energy industry

Aker Solutions • BG Group • Bibby Offshore • BP • Cal Dive • Canadian Natural Resources • Chevron • DeepOcean • GeoSea • Heerema Marine Contractors • Hyundai Heavy Industries • Larsen & Toubro • McDermott • Oceaneering • Punj Lloyd • RWE Innogy • Saipem • Seaway Heavy Lifting • Scaldis Salvage and Marine • Shell • Subsea 7 • Swiber • Talisman Energy • Technip • TL Offshore • Valentine Maritime • Wood Group
We have led pioneering innovations and set records in our pursuit of becoming the leading global energy-focused offshore grouting contractor. We grouted the world’s first free-standing compliant tower, secured the North Rankin B jacket for the world’s largest topside, and hold the record for the deepest deployed fabric formwork.

Working hand-in-hand with our strategic partners, you can be certain that our unmatched engineering expertise and attention to detail will ensure that your offshore project completes safely and on schedule.
Large-scale dual platforms
Project Clair Ridge WHPs
Operator BP
Client Heerema
Service Foundation Grouting

Land-locked platform
Project West Chirag WHP
Operator BP
Client Saipem
Service Foundation Grouting

Major field expansion & development
Project Mumbai High South WHPs
Operator ONGC
Client Heerema
Service Pile Grouting

World's largest topside
Project North Rankin B WHP
Operator Woodside
Client Heerema
Service Pile Grouting

Challenging seabed conditions
Project Troll A Pipeline
Operator Statoil
Client Subsea 7
Service Freespan Correction

World's largest steel offshore platform
Project Bullwinkle
Operator Shell
Client Heerema
Service Foundation Grouting

Deep water pipeline separation (750m)
Project Perdido Norte Pipeline
Operator Williams
Client Saipem
Service Pipeline separation

Time-critical pipeline repair
Project BP CATS Pipeline
Operator BP
Client Technip
Service Pipeline Clamp

World's deepest fabric formwork deployment (1,500m)
Project Liwan Pipeline
Operator ONGC
Client Saipem
Service Freespan Correction

First Compliant Tower outside the Gulf of Mexico
Project Benguela-Belize Compliant Tower
Operator Cabinda Gulf Oil Co. Ltd.
Client Heerema
Service Foundation Grouting
OFFSHORE RENEWABLES INDUSTRY

Europe continues to lead the offshore wind market, and so do we: From the world’s first jacket-based wind farm, and Samsung’s 7MW turbine, to our high-output grout mixers which have helped set records for super fast installations for wind foundations.

Our 50 years of offshore experience and reputation for excellence makes us the natural, risk-free choice for your wind farm installation. Working with strategic partners and suppliers, we offer the latest range of cementitious materials for offshore wind farm installation grouting.
Project Energy Park Fife 7MW Samsung Turbine
Operator Samsung
Client Graham Construction
Foundation 1 jacket

Project West of Duddon Sands
Operator DONG energy
Client Offshore Wind Force
Foundation 108 monopiles

Project Gwynt y Môr
Operator RWE Innogy
Client RWE Innogy
Foundation 160 Monopiles

Project Ormonde
Operator Vattenfall
Client Scaldis
Foundation 30 turbine jackets & 1 substation

Project Humber Gateway
Operator E.ON
Client E.ON
Foundation 73 monopiles

Project Belwind 6WM Demo Turbine
Operator Alstom Wind
Client Alstom Wind
Foundation 1 jacket

Project Nordsee Ost
Operator RWE Innogy
Client RWE Innogy
Foundation 48 turbine jackets & 1 substation

Project Trianel Wind Farm Borkum
Operator Trianel
Clients SHL & Trianel
Foundation 40 tripod jackets

Project Thornton Bank Phases II & III
Operator C-Power
Client Geosea
Foundation 48 turbine jackets & 1 substation
FoundOcean (then Wimpey Laboratories) develops the process of offshore grouting

1966

FoundOcean designs its unique Recirculating Jet Mixer for high-output offshore grouting

1973

FoundOcean develops and installs a grouted repair clamp, helping extend the life of BP’s West Sole platform

1976

FoundOcean develops the ROV Grout Connector, negating the requirement for fixed pipework on foundations

1988

FoundOcean sets a record, deploying a series of freespan correction formworks at a water depth of 1,244m

2008
2010
FoundOcean grouts the foundations at Ormonde, the world’s first commercial wind farm to use jackets

2011
FoundOcean is appointed Primary Licensed Applicator for DNV-certified BASF Masterflow® 9500 Exagrout

2012
FoundOcean revolutionises ultra high strength grouting with the introduction of its new high-output Super Pan Mixer

2013
FoundOcean formulates an 80MPa standard cement grout for an oil & gas jacket installation in Asia

2013
FoundOcean uses its custom engineered fabric formworks and pile grouting experience to help salvage the Costa Concordia
We have delivered more than 4,500 grouted connections for many of the world’s well-known oil and gas platforms and offshore renewables foundations, in regions including:

- Europe
- Middle East
- South East Asia and India
- Australia
- North, Central, and Southern America

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

Our range of foundation grouting services includes:

- Pile grouting
- Monopile transition piece grouting
- Pressure grouting
- Rock socket grouting
- Suction bucket grouting
- Underbase grouting

Through our joint venture fabrication facility in India, we design and manufacture an extensive catalogue of custom and standard shape, size and volume fabric formwork grout bags.

These are installed by ROV or divers, and have been deployed for both pipelines and cables, offering a range of solutions including:

- Stabilisation
- Support
- Separation
- Protection
- Scour prevention and rectification
Structural strengthening, modification and repair (SMR) to existing jacket structures can be required for various reasons including remedial action resulting from routine inspection, mechanical damage, design/fabrication defect, provision of additional conductors, or life extension.

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

Our range of life extension solutions includes:

- Foundation strengthening
- Foundation stabilisation
- Repair clamps
- Freespan correction
- Scour rectification
- Marine growth prevention

FOUNDOCEAN ENGINEERING
In addition to this, we offer a turnkey solution that addresses the growing needs of the global SMR market. This includes structural analysis and the design, fabrication, and installation of the solution.

Our engineering team has in-depth knowledge of structural behaviour and is fully cognisant of the merits of a diverse range of strengthening and repair techniques.

We have a demonstrable record of designs for grouted, mechanical, and neoprene-lined repair clamps; repair sleeves; and member and joint grout filling as well as other repair technologies.
SPECIAL PROJECTS

We have consulted on and undertaken a number of custom projects globally which have called upon our engineering expertise. We have applied our grouted solutions to a range of projects including repairing a palace sea-wall in the Middle East, building the formwork bank to stabilise the Costa Concordia, and protecting the Haenam to Chesu power cable with a continuous formwork.

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

We are committed to maintaining a conscious culture towards health, safety and the environment. We apply this to all our activities both onshore and offshore to prevent harm to people and the environment they work in.

We work to continually identify and eliminate any foreseeable hazards and minimise the probability of incidents resulting in personal injuries, illnesses, damage to property, and the environment.

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

QUALITY ASSURANCE

We have been DNV-accredited to ISO 9001 Quality Assurance standards since 2006.

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

By standardising our processes, we manage our work more efficiently and reduce project risks.

Regular audits help us to continually adjust and improve our approach.
MAIN WORLDWIDE OFFICES

Europe
FoundOcean Ltd. Headquarters
Liston Exchange
Liston Court
Marlow
Buckinghamshire
SL7 1ER
United Kingdom
Tel: +44 1628 567 000

FoundOcean
World Trade Center City
Airport Bremen
Hermann-Köhl-Straße 7
28199, Bremen
Germany
Tel: +49 421 9601 250

Asia & Australasia
Ambico FoundOcean Grouting Services
#701-702, Shri Sai Corporate Park
Next to Polaris Tower
Opp. Laxmi Nagar Industrial Estate
Goregaon Link Road, Goregaon (W)
Mumbai 400 090
India
Tel: +91 22 2876 6641

IEV Group Sdn Bhd
Level 22
PJX-HM Shah Tower
No.16A Persiaran Barat
46050 Petaling Jaya
Selangor
Malaysia
Tel: +6 7931 9921

Tamboritha Consultants
32 Jessie Lee St.
Henderson 6166
Western Australia
Australia
Tel: + 61 8 6595 5200

Middle East
FoundOcean
14th Floor Gold Tower
Cluster I
Jumeirah Lakes Towers
Dubai
U.A.E. PO Box 487286
Tel: +971 4 424 9100

Americas
FoundOcean, Inc.
11490 Westheimer
Suite 850
Houston
Texas, 77077
United States
Tel: +1 713 425 6326

Offshore Service Bases
Europe Livingston, Scotland
Middle East Sharjah United Arab Emirates
South East Asia Batam, Indonesia and Navi Mumbai, India
Americas Houston, Texas