

We believe there
is a smarter way



ode

A DORIS Group Company





Our Business Values

There are other companies who say they can do what we do. What makes ODE unique is the way we, as a team, work with our clients. How we collaborate, how we perform in the good times, and when under pressure. And how we deliver. These values make us ODE.

People

We are an international, technical service provider and our people make the real difference. We serve our clients from headquarters in London, with expandable, high tech facilities to match any client's project or study needs, including a direct presence in Aberdeen. From our base in Great Yarmouth we provide Brownfield Engineering and Asset Management to any Northern European assets onshore or offshore. Our growing team of local specialists in Cairo support projects and studies in the Middle East and North Africa. Most importantly, we go wherever in the world our clients need us, with teams that deliver. And where it adds value and strength, our parent company DORIS, in Paris, complements this service.

Proactive

We challenge and think with our clients, have a 'can do' attitude, and always seek to enhance further value in whatever we do.

Pragmatic

We recommend the right solution based on our own expertise and experience, and just as important, what we know and learn from our clients.

Ambitious

From the smallest project to the largest, we have the ambition to do it smarter and better, and we deliver.

Safety & Quality, key values for everyone

Technical and Occupational Safety starts with identifying the risks, clearly selecting the right inherently safe solutions and applying ALARP principles through everything we do. It covers the full asset life cycle through each phase; from concept selection to design, build, operations, modifications and finally decommissioning.

Occupational HSE

SHEQ principles are fully embedded in our values, in our culture, and how we perform our daily business. Beyond the standard ISO quality linked accreditations, we strive to excel as we undertake our daily tasks, considering how our actions impact; us, the environment, and all stakeholders, both today and in the future. This commitment is more than words, and can be demonstrated in some key achievements:

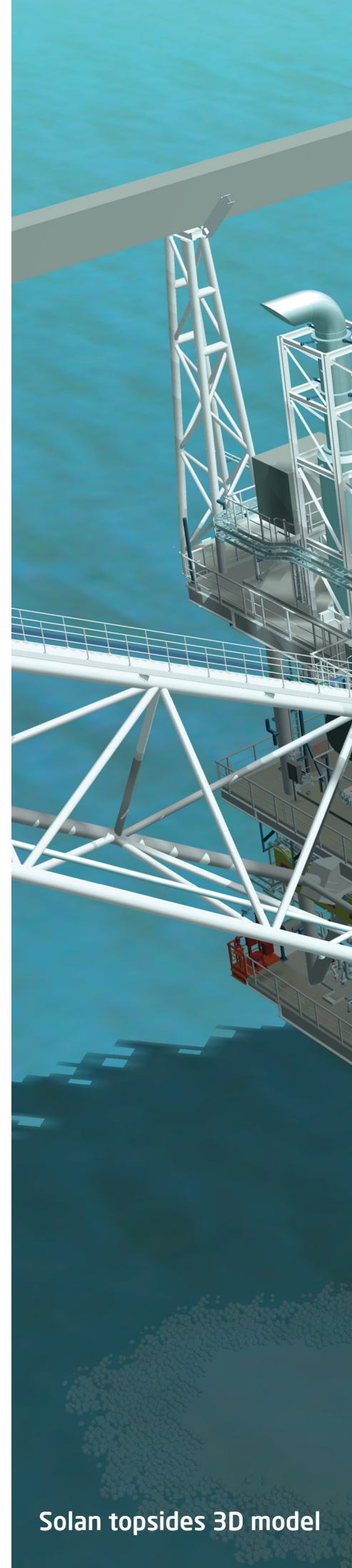
- Two awards of the RoSPA Gold Medal for 6 consecutive safety award years, and a RoSPA Commended award for the Oil & Gas sector
- Merit in the BSC International Safety Award 2015
- 15 years of Asset Management without a lost time injury
- Over 2 million hours worked on the Ormonde wind farm without a serious injury or incident (with ODE as PC and CDM-C)
- Over 1,300 consecutive manned days on Clipper South without a lost time injury



Technical Safety

The ODE Safety Consultancy Team is a core company competency that provides independent Safety Management services or as part of an integrated project team. We provide a strong relentless focus on reducing risk and assuring operational integrity.

Our key expertise ranges from Qualitative & Quantitative Hazard Identification & Assessment Processes, to Safety Engineering including Safety Case Preparation and documented Regulatory Compliance. We also support Operational Technical Safety and Management of Change processes.



Solan topsides 3D model





SOUTHERN NORTH SEA OPERATIONS

15 years of Asset Management without a single lost time injury



The ODE way

At our heart we are engineers dedicated to solving problems with a straightforward approach and exceptional consistency.

Our essence challenges conventional thinking.



We are experienced engineers who have the mindset to think outside the box when required, not to settle for the obvious but to search for the right solution focused on our client while balancing risk and value.

This means applying the appropriate technology, using proven processes, investing in our people, and placing safety and risk management at the centre of everything we do.

We are judged by results; meeting deadlines and budgets, and exceeding Safety and Environmental targets. And we deliver against these targets.



ODE is a subsidiary of DORIS, a leading engineering service provider for the energy industry.

A **DORIS** Group Company

ORMONDE WIND FARM, IRISH SEA

From concept to completion, delivered on schedule and on budget



Serving the energy industry

ODE is an technical service provider to the oil, gas and renewable energy markets with a proven track record from Owners' Engineer to Operations.

Our heritage starts in the North Sea and is now truly international.

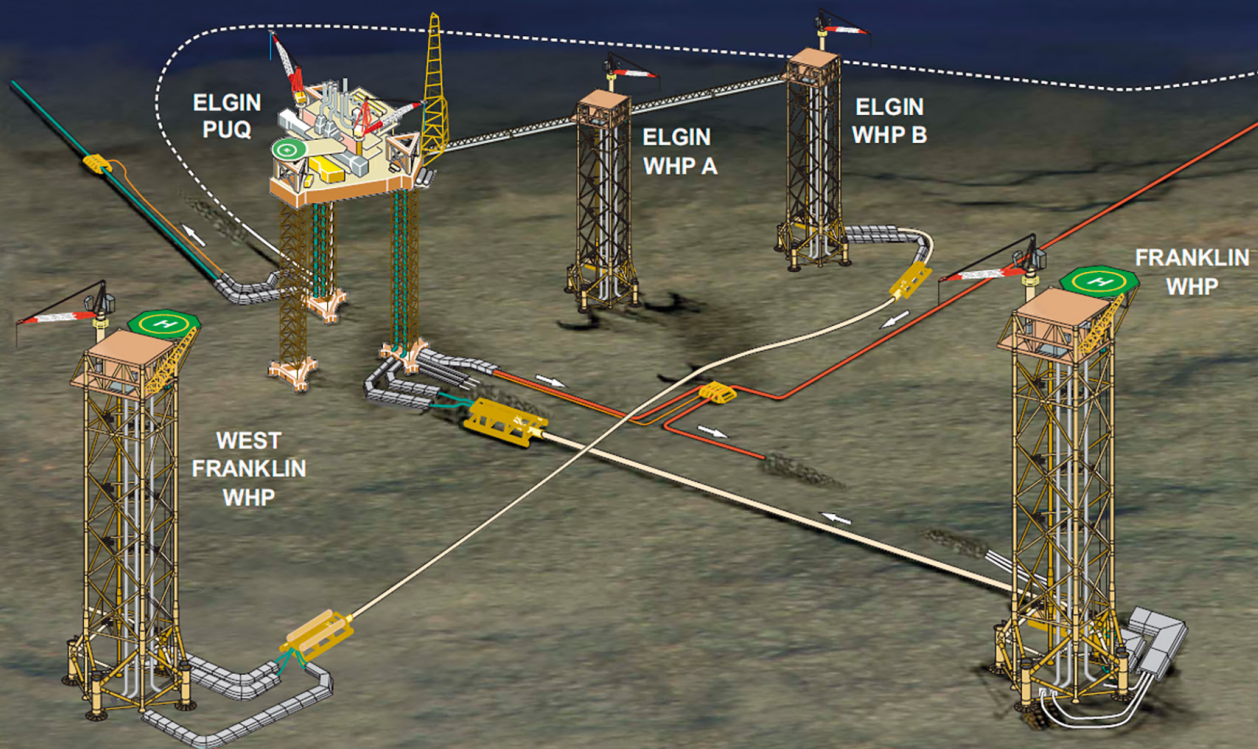
Established in 1978, we provide consultancy, front end engineering & project implementation support services, operational asset management and decommissioning studies. ODE can therefore support all business

considerations, large or small, over the full life cycle of a given asset.

In the last decade we have been responsible for the engineering and construction management of over \$3 billion of capital projects.



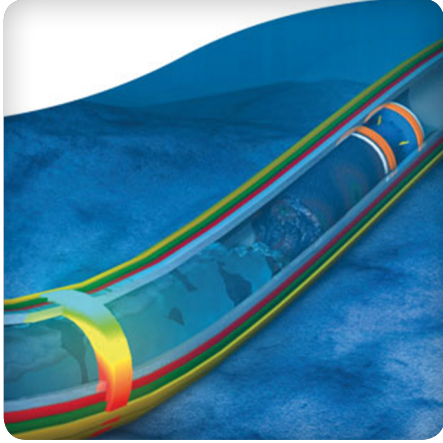
**OIL & GAS ASSET DEVELOPMENT
WEST FRANKLIN / ELGIN B, UK**



**PROJECT ENGINEERING / TECHNICAL AUTHORITY SUPPORT
EL GAMIL GAS TREATMENT PLANT EXTENSION, EGYPT**

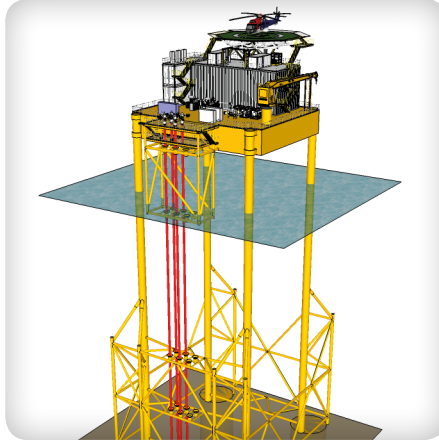


We deliver value over the full life cycle



CONSULTANCY

ODE's experts illuminate key issues to accelerate breakthrough decisions and deliver results. This expertise spans all engineering and technical functions when required, it covers concept generation and screening processes, and we support our clients from very specific studies to a wide breadth of commercial and technical needs.



ASSET DEVELOPMENT

ODE's engineering services collaborate with clients in oil & gas from the 'define' stage through to 'execution', providing outstanding engineers to deliver robust economic solutions.



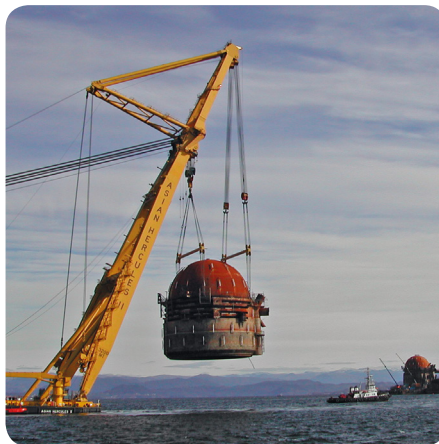
BROWNFIELD ENGINEERING

ODE delivers fit for purpose solutions using our unrivalled 'hands-on' brownfield experience in both onshore & offshore developments.



ASSET MANAGEMENT

For oil and gas assets, ODE is proven to extract the maximum value with the lowest cost, highest reliability for; operations, maintenance and integrity services.



DECOMMISSIONING

For asset owners preparing to decommission, ODE's experts identify viable options, before defining and managing the execution of the most robust, cost effective and low risk solution.

**Engineering
solutions
by design**

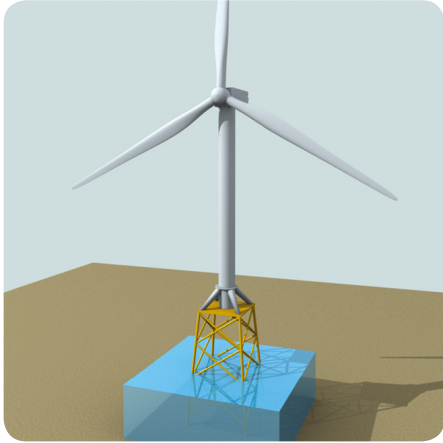
**PROJECT MANAGEMENT CONTRACTOR
ROBIN RIGG, SOLWAY FIRTH, UK**



**THE ORMONDE MARINE BASE
AND CTV FACILITY BARROW, UK**



We are a recognized leader in renewables



CONSULTANCY

We provide leading edge Consultancy with design, installation, construction, and operations insights into the very earliest stages of a renewable project development. ODE's high quality expertise, as and when clients' need it, provides flexibility and the highest value service, right at the inception of exploring concept alternatives and creating new business opportunities.



ASSET DEVELOPMENT

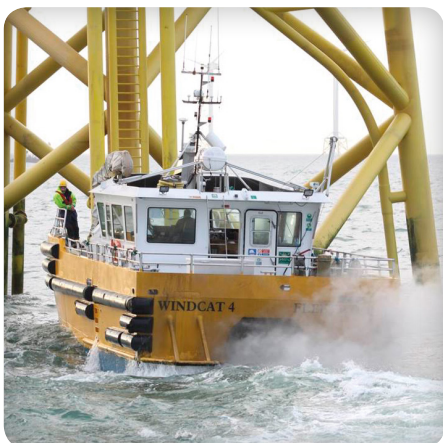
At ODE our multidisciplinary teams can provide the Owners Engineer Service or collaborate and integrate with clients from the 'define' stage through to 'execution', providing outstanding fit for purpose solutions to address all stakeholder needs. These skills span Design, Engineering through to full Project Management.



ENGINEERING

We have the specialist expertise for:

- Foundation & Transformer Platform Design
- Complex Structure & Marine Analysis
- Offshore Construction Methodologies
- Health & Safety Assessments
- Industry Technical Specifications
- Templates for Tender Preparations & Evaluations.



ASSET MANAGEMENT

ODE has a proven track record for obtaining the maximum value, with lowest cost and highest reliability. We maintain offshore assets using hands-on knowledge. This approach is also applied to the early integration of O&M requirements in project developments.



LARGE PROJECTS AWARD

For exceptional achievement in a large scale project during all stages of its development. Built in record time, Ormonde was the first large project using jacket foundations and 5MW turbines in the UK.

A partner for renewables

Getting it right for 50 years

DORIS Engineering
50 years 1965-2015
providing
INNOVATIVE
DESIGN
&
QUALITY
SERVICES

The DORIS Group was established in 1965
And ODE commenced operations in 1978

**Gabes, Tunisia
Consultancy & Engineering**



From a blank sheet of paper through project implementation, including on-site supervision, up to hand over to operations.

**Solan, West of Shetland
Asset Development**



Only the second platform topsides to be installed West of Shetland. 5,200Te in 135m water depth with subsea storage tank / tanker offloading facilities. FEED and detailed engineering scopes.

**Horne & Wren, North Sea
Consultancy & Decommissioning**



Conceptual/FEED. Subsequent decommissioning studies and project management support for subsea well abandonment and platform removal.

**Babbage, Southern North Sea
Asset Management**



Initial conceptual engineering and FEED. Now responsible for manned operations since 2010. Preparation for future de-manned operation currently in hand.

Ormonde, Irish Sea Asset Development



Full field development from onshore grid connection to offshore power generation and transmission. Conceptual engineering, consenting / FDA through project implementation and final hand over to operations.

Clipper South, Southern North Sea Asset Management



Operation support commenced 2011 with first gas achieved 2012. Also ODE supported Breagh A 2013 before changing to not normally manned status.

Shetland Gas Plant Asset Development



Laggan Tormore; new onshore process facilities, 2x6 slot subsea manifolds in 600m water depth, 2x18" multiphase pipelines to shore with chemical injection and control umbilical, 228 km 30" export trunk line connection to Frigg UK pipeline.

10 years of delivery highlights

2015 Ongoing:

Wikinger Delivery team, integrated into Iberdrola PMT

2015 Babbage, Breagh A, Clipper South, 5 years no LTIs & no maintenance backlog

2015 Delivered:

Dana Petroleum Nefertiti Development, Egypt

2014 Delivered:

Solan EPC fixed platform topsides

2014 Delivered:

RWE Disouq Project Support

2013 Delivered:

FEED Shtokman FPSO & subsea facilities Development, Barents Sea

2012 Delivered:

Ormonde offshore wind farm (RenewableUK Major Project Award)

2011 Delivered:

Total Elgin Franklin redevelopment

2010 Queens Award for International Trade

2010 Start operation Babbage in SNS & then Clipper South in 2011/12

2010 Delivered:

FEED for Total Laggan Tormore

2010 Delivered:

27,869 Te deck design Daewoo International

2009 Delivered:

Usan FPSO FEED and Detail Design

2008 Delivered:

BG Tunisia Gabes LPG terminal

2007 Delivered:

PetroCanada Syria Ebla onshore gas gathering and CPF, Syria

2006 Delivered:

Moho Bilondo FPU FEED and Detail Design, Congo

2005 Delivered:

Total Forvie subsea development

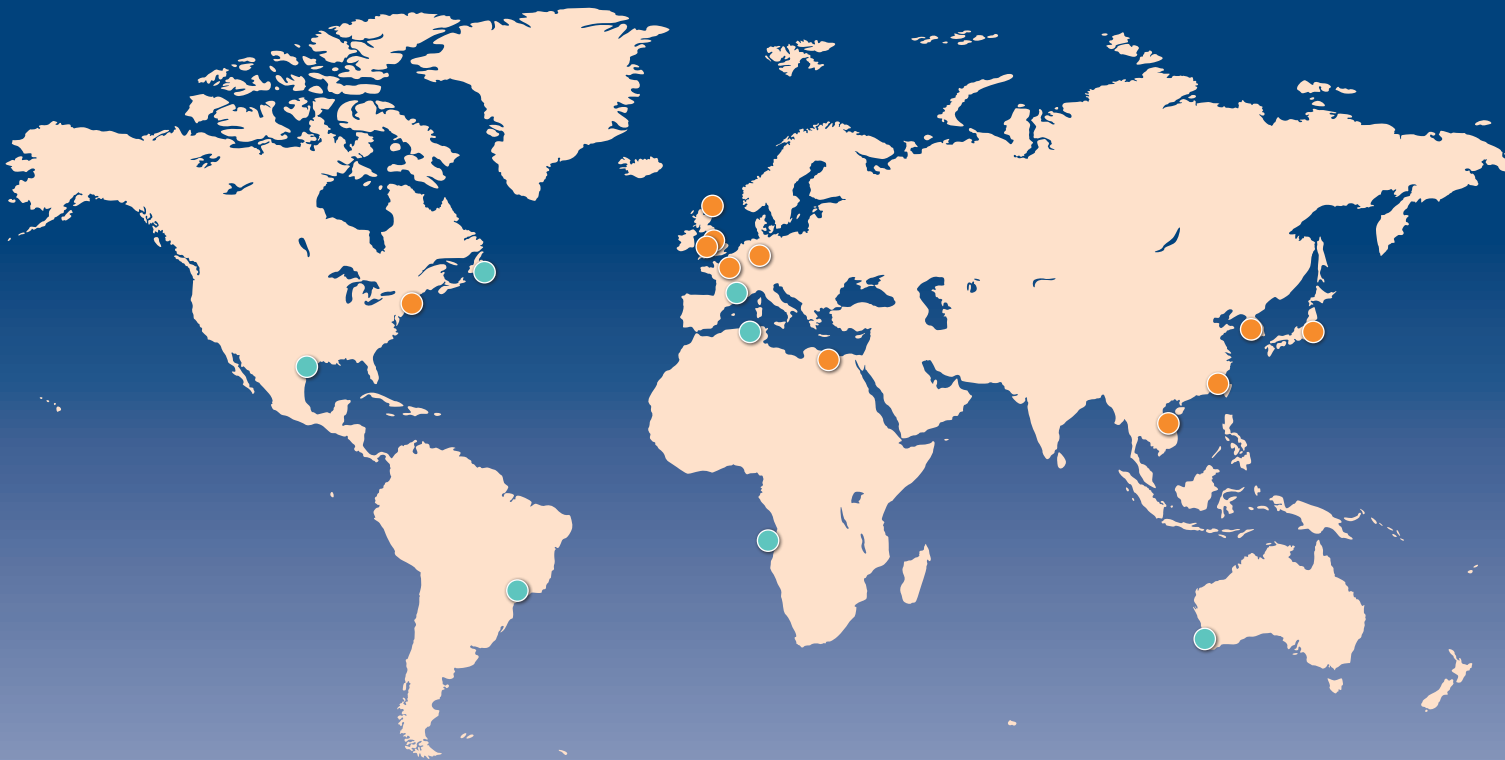
2005 Delivered:

Horne & Wren subsea wellhead on a stick

2004 Delivered:

Scroby Sands offshore wind farm

Energy is changing and we are the energy for change



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