



OGN 
GROUP

EPC for the Offshore Sector

Engineering

|

Procurement

|

Construction



Chairman: Dennis Clark, OBE

Warm Welcome from the Chairman

We are delighted to introduce you to OGN Group.

As an EPC contractor OGN is dedicated to delivering the highest quality engineering, procurement and construction solutions to the offshore energy sector. Our vision is to promote the reputation of the United Kingdom as a world-class location for offshore EPC projects by delivering an exceptional service to our clients.

We have a highly experienced management team who take pride in working collaboratively with our clients at all stages of the project, from design through to delivery. This approach helps build Client confidence

and develop long term working relationships. This in turn helps our Clients meet their business objectives as we develop solutions that improve return on investment whilst minimising risks.

The health and safety of our employees and stakeholders is of prime importance to OGN. We strive to ensure that all of our operations are carried out safely and efficiently with no harm to people or damage to plant, equipment or the environment.

'Be Safe, Work Safe, Home Safe'

With a prominent East Coast location our strategic focus is on the UK and Norwegian Continental Shelf. We have a clear understanding of its unique challenges and address them through continuous innovation and improvement to provide our clients with optimum solutions.

Despite the maturity of the North Sea hydrocarbon reserves, OGN firmly believe new technologies and innovative approaches to the engineering and construction of offshore projects will ensure the prosperous future of our industry in the United Kingdom and Norway for decades to come.

We very much look forward to forging strong relationships with you, with the utmost confidence in our ability to deliver according to your needs.



Health, Safety & Environment

OGN Group recognises the paramount importance of the health and safety of its employees together with the relationships of all other HSE stakeholders.

We aim to ensure that all of our operations are carried out safely and efficiently with no harm to people or damage to plant, equipment or the environment.

Our health, safety and environment management systems meet the requirements of, and are certified to OHSAS 18001 (Occupational Health and Safety) and ISO 14001 (Environment) respectively.

Our personnel receive a thorough safety induction and training covering safe working procedures, risk assessment and its application. Our managers and supervisors take a practical and proactive role in HSE management and also attend the IOSH Managing Safety Training Course (Institution of Occupational Safety and Health).



OGN 12 Life Saving Rules



Our Businesses

OGN is dedicated to providing engineering, procurement, and construction solutions to the offshore oil and gas and offshore renewables industry, utilising the extensive experience of its team along with one of the best offshore construction facilities in the UK.

OGN is the trade name for a group of companies centred around Offshore Group Newcastle Limited.

OGN Group aims to build lasting relationships with its clients to support their long-term objectives. We identify and implement the most fit-for-purpose and cost-efficient solutions using an integrated approach to engineering, project management and construction.

Oil & Gas

Offshore Wind



Accreditations

OGN has been awarded Accreditation status from LRQA, DNV (PED), FPAL, Sellihca and Achilles JQS in relation to Health and Safety, Environmental, Quality Management, Pressure Equipment Directive and Supply Chain Approvals.



Memberships



Oil & Gas

OGN North Sea Limited is the subsidiary company dedicated to the offshore oil and gas industry.

OGN North Sea Limited's Oil and Gas clients need flexible, solution-driven suppliers with a competitive financial approach throughout the life span of a field. With considerable experience developing innovative ideas, OGN North Sea Ltd has the project management and construction expertise to make this happen.

OGN offer market-driven front-end and field development skills. We reduce the number of engineering man-hours by eliminating interfaces between the various project phases, such as conceptual and detailed designs, construction and installation.

These, together with our strategic partnerships and alliances, provide a true single-source EPC capability for a wide range of offshore oil and gas facilities.

OGN's range of services on an EPC basis includes:

- Production modules & platforms
- Accommodation modules & platforms
- Minimum Facilities Platforms
- Process modules
- Drilling modules
- Compression modules
- FPSO Conversions & Upgrades
- Jackets and subsea structures
- Subsea facilities
- Pre-assembled units

We can also tailor a service package to suit a specific project requirement, to include Concept Studies, Front End Engineering & Design (FEED) which helps to augment OGN's traditional EPC services and capabilities.





Offshore Renewables

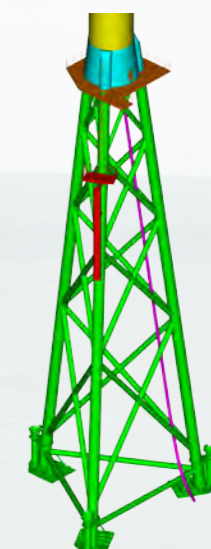
Aquind Ltd is the subsidiary company of OGN Group dedicated to delivering engineering, procurement and construction activities to the offshore renewable energy industry.

Our approach to offshore renewables is based on finding fit-for-purpose solutions for a wide range of conditions. We focus our efforts on providing innovative solutions that address the need for standardisation, mass-production and the reduction of transportation and installation costs and their associated risks.

As part of OGN Group, Aquind has the advantage of being able to draw on our extensive offshore oil & gas project experience in matters related to design, engineering, fabrication, construction, installation and health and safety. This allows us to offer value-added, optimised solutions for offshore wind farm developments.

EPC services that are provided include:

- Jackets and other steel foundation structures for offshore wind farm developments
- Offshore wind farm infrastructure projects HVAC / HVDC transformer and collector substations
- Accommodation platforms for O&M activities
- Meteorological masts
- Operations & Maintenance Support





Capability & Services

With the innate ability to respond to market opportunities with a results-driven approach, OGN's multi-disciplinary engineering group combines engineering and consultancy skills to leverage on significant savings, both in engineering man-hours and construction costs.

Design and Engineering Services include:

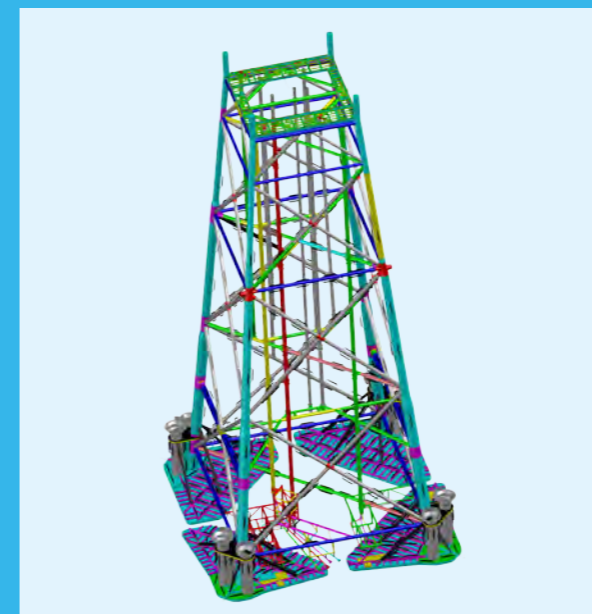
- Field Development Studies
- Feasibility, Conceptual and Front-End Design
- Detailed Engineering

In addition, OGN's Project Management Services include:

- Planning and Scheduling
- Procurement and Expediting
- Cost Control
- Document Control

Furthermore, OGN's Construction & Fabrication Services include:

- Construction Management
- Inspection and Testing
- Health and Safety Management
- Subcontract Coordination
- Skilled Trade Workforce





Forties Alpha Satellite Platform (FASP) Project

Client

Apache North Sea Limited

Platform

Forties Alpha Satellite Platform (FASP)

Location

Block 21/10 of the UKCS in the Central North Sea, 180km North East of Aberdeen

Project Scope

The FASP project awarded to OGN from Apache included the Front End Engineering Design (FEED) and the EPC of the platform jacket structure, the topside deck and the bridge linking FASP to the existing Forties Alpha Platform.

The integrated wellhead production platform included a wellbay drilling area, separation, compression and power generation. Meanwhile the 4-leg jacket comprised 6x3 conductor guides, 3-pile cluster assemblies and mud-mat structures at each corner.

The FASP project will increase capacity of the Forties Alpha facility by 18 drilling slots, capable of processing 110,000 barrels of total fluids and producing 25,000bpd of oil per day.

Dimensions

Topside: 70m x 45m x 30m
Jacket: 126m
Bridge: 94m

Weights

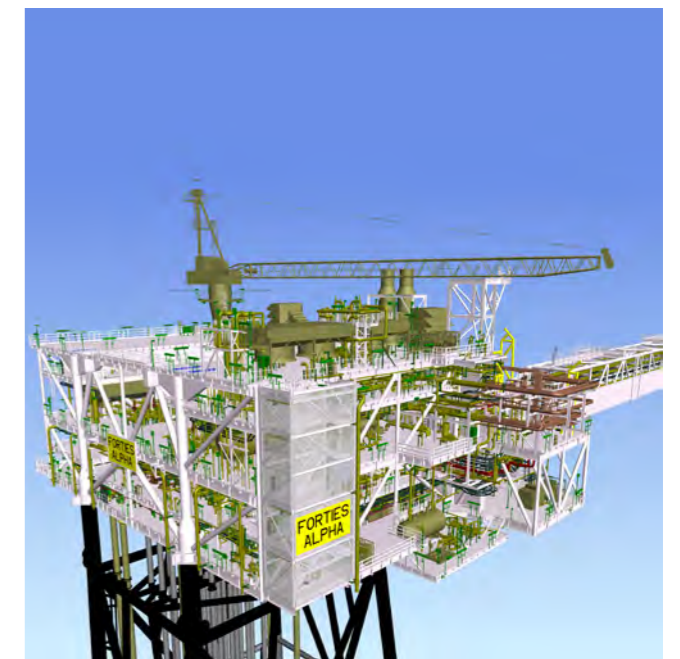
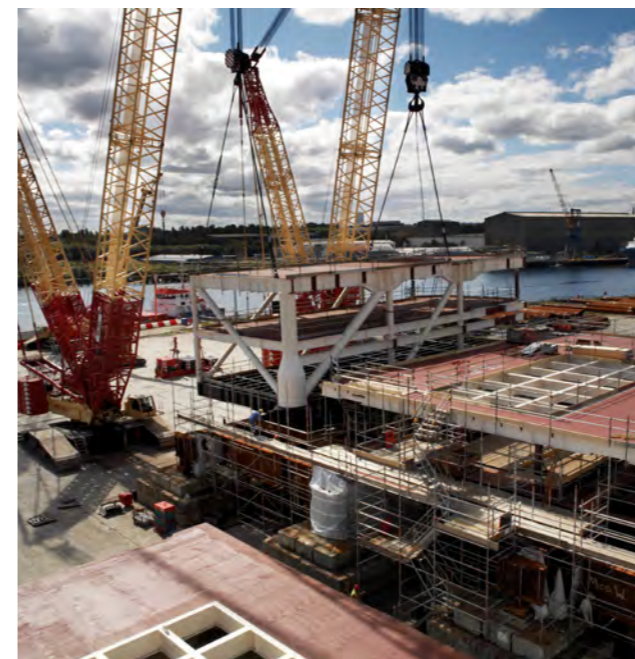
Topside: 5,300Te
Jacket: 5,200Te
Link Bridge: 400Te
Piles: 4,000Te

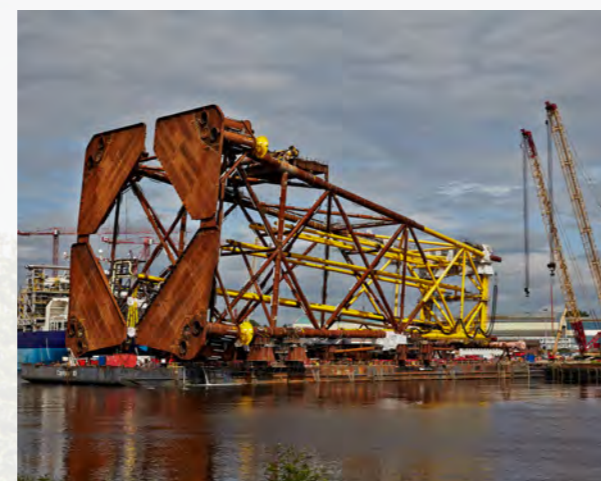
Award Date

FEED: March 2010
EPC: September 2010

Load Out Date

Jacket: August 2012
Topside: May 2013





Montrose Area Redevelopment (MAR) Project

Client
Talisman Sinopec Energy UK Limited

Platform
Montrose Platform

Location
Block 22/17 of the UKCS in the Central North Sea,
210km East of Aberdeen

Project Scope
The project awarded to OGN from Talisman Sinopec Energy UK Limited included the engineering, procurement and construction of the platform jacket structure, which will form part of a new bridge-linked platform within the Montrose Area Redevelopment Project.

Dimensions
119m x 44m x 44m

Weight
5,745Te

Award Date
October 2012

Load Out Date
June 2014



EnQuest Producer FPSO

Client
EnQuest

Vessel
Producer FPSO

Location

Alma / Galia Field which occupies blocks 30/24b, 30/24c and 25c in the Central North Sea. 310km South East of Aberdeen in 80m water depth.

Project Scope

The project awarded to OGN is for the provision of specialist fabrication services to undertake finishing and commissioning works on the floating production, storage and offloading (FPSO) vessel.

Vessel Length
249m

Award Date
November 2013

Vessel Weight
53,176Te

Sail Away Date
March 2015





Additional Process Module

Confidential

Location
UKCS

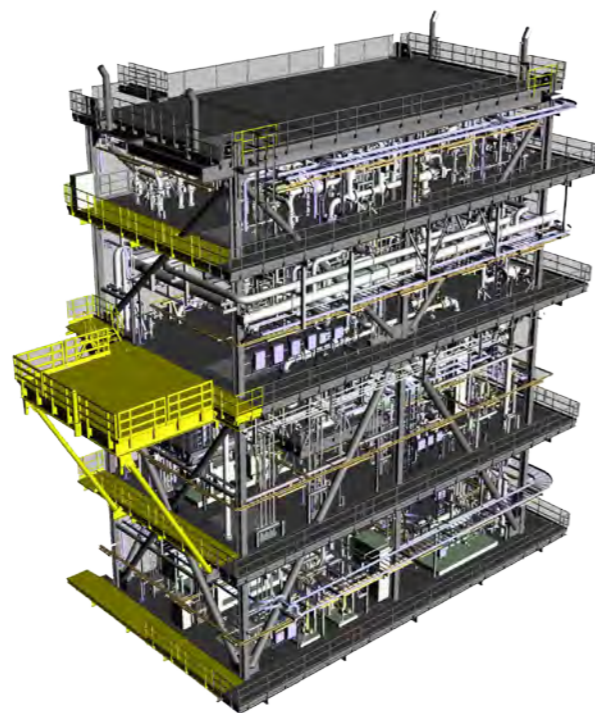
Project Scope
OGN was engaged to fabricate and provide the pre-commissioning support.

Dimensions
19m x 10m x 25m

Award Date
January 2014

Weight
800Te

Load Out Date
June 2015



Nyhamna Expansion Project

Client
Kvaerner

Facility
Nyhamna Onshore Gas Plant

Location
Nyhamna, a small peninsula located on the northeast side of the island of Gossa on Norway's west coast.

Project Scope
OGN will fabricate a series of 18 Pre-Assembled Units (PAUs) for the Shell-operated onshore plant. The project will increase the capacity of the facility to allow gas from other fields to be processed.

The plant is today connected to the Ormen Lange gas field 120km off the west coast of Norway. Ormen Lange was developed as a subsea tie back to the Nyhamna Gas Plant where the gas is dehydrated, hydrocarbon dew-pointed and compressed. Gas is

exported through the Langed Pipeline to gas markets in the UK.

Weight
Approximately 4,300Te,
with individual units
weighing up to 886Te

Award Date
May 2014

Load Out Date
Autumn 2015



Industry Experienced Team

OGN has a highly experienced executive management team who offer a long standing and proven track record in delivering major offshore projects both nationally and internationally.



Dennis Clark (OBE)
Chairman

- Corporate Governance
- Business Development



David Edwards (OBE)
Chief Executive Officer

- Leadership
- Strategy
- Commercial Management
- OHSE



Graham Kennedy
Chief Technical Officer

- Design & Engineering
- Technical Authority
- R&D
- ICT



Bill Laurie
General Manager

- Construction
- Yard Management
- Procurement
- Quality Assurance / Quality Control
- Planning & HR



Aleksey Glukhov
Chief Financial Officer

- Finance
- Risk Management
- Accounts
- Insurance





Our Mission

We aim to deliver first-class, fully-integrated, innovative and flexible solutions to our clients, through continuously developing our project management systems, expanding our design and engineering capabilities and enhancing our service provider skills.

“Our objective is to deliver world class Engineering, Procurement and Construction solutions to the offshore energy sector.”

Our Values

As a reliable, responsible and collaborative partner we are fully committed to high quality, timely and cost-effective delivery, right down to the most detailed specification, without compromising health and safety or environmental requirements.

Business Philosophy

OGN believe that the significant challenges presented by the offshore energy sector are achieved and optimised through a collaborative working approach between all stakeholders including clients, supply chain, regulatory authorities and other third parties. Our objective is to promote a positive team spirit amongst all stakeholders together with encouraging open dialogue so that targets remain in focus and expectations are delivered.

Industry Knowledge

OGN's people enjoy the benefit of extensive experience in the offshore energy sector and we aim to harness this in a way that produces practical and cost-effective solutions. Our key driver is to apply our technical & operational knowledge and expertise to develop efficient project execution strategies across the wider EPC spectrum.





Facilities

Tyneside Facility

OGN's Tyneside facility is based on the Hadrian Yard in Wallsend on the banks of the River Tyne. The 32-hectare, dedicated, offshore construction facility incorporates extensive fabrication shops, engineering and project offices, and reinforced quay to allow the handling of large-volume offshore fabrication and load-out operations.

The Tyneside facility also benefits from the North East of England being the UK's largest source of skilled engineering manpower. This is supported by a network of world class universities and associated research establishments with the focus on heavy engineering solutions as a core capability.

Hadrian Yard Features:

- Assembly and erection area 104,000 m²
- Quay wall 1,000m
- 3 reinforced load-out quays with water depth 7m LAT
- Load-out capability up to 13,000 tonnes
- Covered fabrication 16,500 m²
- Warehousing & storage 7,300 m²
- Office area 10,000 m²
- Fully equipped canteen on 2 floors 883 m²
- Fully equipped medical centre
- Total area 323,752 m² (32 hectares)

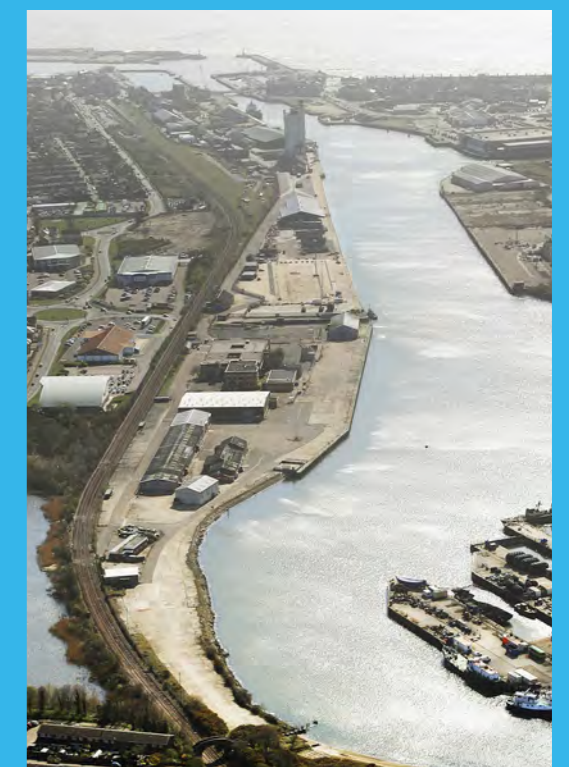


Lowestoft Facility

OGN's Lowestoft facility based on the edge of Lake Lothing, is a 5.26 hectare site with extensive warehousing facilities and fully equipped offices. The site provides ample, low-cost space for various project support services and benefits from the local skill base of offshore specialists traditionally residing in the area.

Lowestoft Facility Features:

- Internal storage 4,800 m²
- Outside storage 13,200 m²
- Office space 6,000 m²
- Onsite parking 7,000 m² - 344 spaces
- Workshop with overhead gantry crane up to 6 t
- Fully equipped canteen
- Quayside 340 m - 4.7 m LAT





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