

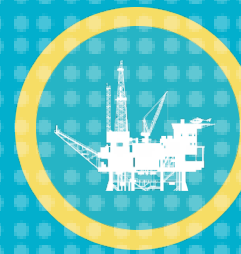


Challenging the Norm

CRAIG NICOL

BUSINESS DEVELOPMENT MANAGER

VEOLIA PETERSON



DELIVERING CREATIVE UK EPRD

Challenging the Norm

Decom North Sea Conference 25th May 2017



Format



- Company Introductions
- Current EPRD business products
- *Challenging the Norm*
- Questions

Partners Facts



Revenue 2015:
£25 billion



Services and Revenue (%):
Water (5%),
Recycling & Waste Management (87%)
Energy (8%)



Geographic Presence:
55 Countries



No. of employees:
200,000



Revenue 2015:
£900 million



Services and Revenue (%):
Renewables (15%)
Oil and Gas (80%)
Nuclear (5%)



Geographic Presence:
20 Countries



No. of employees:
3,500



Revenue 2015:
£375 million



Services and Revenue (%):
Oil & Gas (70%)
Renewables (15%)
Water (10%)
Nuclear (5%)



Geographic Presence:
4 Regions



No. of employees:
3,000



Operating in 55 Countries



Positive Partnership



“Veolia-Peterson-Global deliver’s cost effective, low risk removal strategies which adds value to all stakeholders.

Our hybrid piece small-reverse install model offers a flexible, reliable option to the market for removal of all offshore infrastructure.

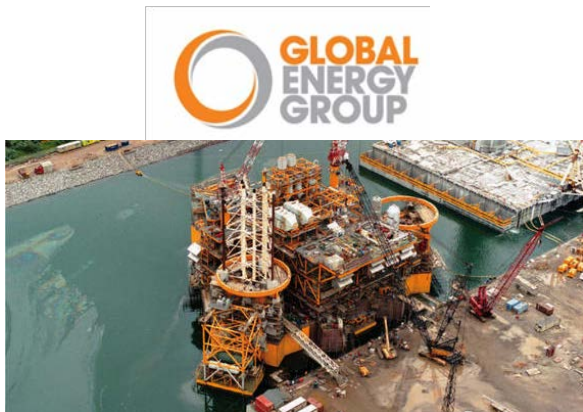
Using our in-house capabilities we dispose over 98% of infrastructure recovered by re-use, re-sale and/or energy efficient recycling techniques.”

Craig Nicol – VPG EPRD – Head of Development

Tri-party Solution



- ✓ Existing Successful Partnership (80,000mT)
- ✓ Multiple North Sea Reception Facilities
- ✓ Market leading Waste Management
- ✓ Onshore & Offshore Logistics
- ✓ UK Local Content



- ✓ O&G Fabrication and Maintenance Experience
- ✓ Offshore Experience
- ✓ In-house Multi-skilled Engineering & Survey
- ✓ UK Local Content

North Sea Presence

“Veolia-Peterson-Global offer a true UK EPRD model where we take the lead contractor role. We collaborate with removal contractors to evaluate and devise the most optimal removal strategy to best meet the clients requirements and minimise risk”

Daniel McAteer – CBDO – Global Energy Group

- Existing Facilities
- Other Sites



Challenging the Norm

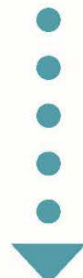
E



Engineering

- Concept Study Scopes
- Plant & Asset Verification
- Lifting Point & Integrity
- Temporary Utilities Design

P



Prepare

- Module Preparation
- Hazardous Material Management
- Asbestos Management
- Pipework & System cleaning
- Vent & Drains Installation
- Lift point repair / construction
- Module De-weighting
- Utilities Construction
- NAV aids Installation
- Offshore Logistics

R



Removal

- Xtree/Wellhead Removal
- Conductor Removal
- Topside & Jacket Removal using Piece Small Hybrid Solutions
- Subsea Infrastructure Removal
- Marine Growth Management

D



Disposal

- Onshore Asset Receipt, recycle & Disposal
- Project Waste Management
- Onshore Logistics



Challenging the Norm

'VPG will engage the preferred Marine Contractor within their lump sum price to ensure best value for the client'

R



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IN PARTNERSHIP



Heavy Lifting Contractor



Delivering creative UK EPRD

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IN PARTNERSHIP



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Case Study: TCP02 Onshore Disposal

Client: Total / Aker Solutions

Description of work: Loading, decontamination, demolition and disposal of TCP MSF.

Contract Value: £6,500,000

Dates: 2006 to 2008

Methodology:

- Engineering and management of load-in of the module support frame weighing 8,730te.
- Purpose built pad and blocks.
- Decontamination and demolition of the unit.
- Largest commercially available hydraulic shear, used in demolition.
- Resulting scrap was loaded out direct to scrap recycling facilities.



Case Study: Shell Indefatigable Disposal

Client: Shell

Scope of Work: Barge Preparation, Manoeuvring, Load-in of 16 structures from 8 barges. Decontamination, demolition and disposal at VP's Newcastle facility (No longer operational).

Contract Value: £8,000,000

Dates: 2010 to 2011



Case Study: Repsol YME Disposal

Client: SBM

Scope of Work: Load-in of single lifted structure (14,000mT), decontamination, demolition and disposal at VP's Norway base.

Contract Value: £10,000,000

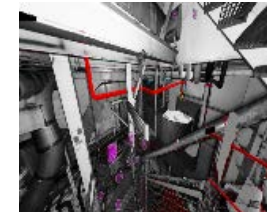
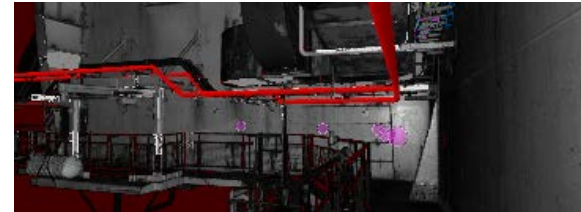
Dates: 2016 to 2017



Case Study: Shell Brent Delta

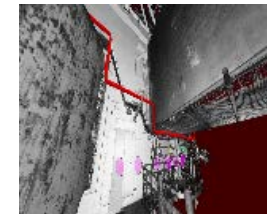
Contracted to: Wood Group

Scope of Work: Offshore and onshore welding management, extensive structural welding capability has enabled our business to proudly support the flagship Brent Delta Decommissioning programme on behalf our clients Wood Group PSN and Shell with Under deck, Cellar deck, Gas Modules and Sea Fastenings weld strengthening work.



Contracted to: Wood Group

Scope of Work: Installation of new P&A degasser, diesel storage facility & solar generation pipe work on Shell's Brent Delta platform.



Case Study: NW Rankin B

Contracted to: Woodside Energy Australia

Scope of Work: GEG subsidiary Veritech contracted to manage difficult to access integrity scopes as well as a major Derrick Destruct project using alternative access methods (Rope Access, Web-Deck and Tension Netting Solutions).

Using the efficiency of Rope and Alternative Access Methods to de-construct the Derrick of Woodside's North Rankin B Platform in Australia. The first time a derrick has been deconstructed using this method, saving two thirds of the traditional cost and schedule

