



# Conductor Management & Integrity Solutions

*Delivering safe, reliable,  
cost effective solutions to  
the Energy Industry.*

Safety

Integrity

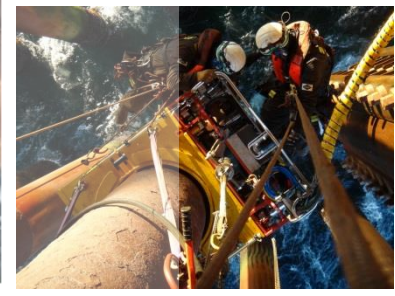
Teamwork

Trust

**sets**

# Contents

- 1. Background
- 2. Early Engagement
- 3. Project History & Experience
- 4. Case Studies & Economics
- 5. Summary



# Background

## Early engagement. Disruptive thinking.

**SETS** provide pioneering world class technical innovation, engineering and tooling services to deliver efficient conductor management and repair solutions. We specialise in conductor management and repair solutions. We have extensive experience of working in the splash zone. Whatever the depth we have a solution. Our capabilities include commercial and operational de-risking , full project management and engineering , marine operations, life of field and bespoke tooling development. We combine cutting edge technology, the industry's best engineers, the know-how, expertise and experience from decades of success operating in challenging environments. We work in close collaboration with our customers and partners. The majority of our projects focus on creating innovative , efficient solutions to solve our clients problems and challenges of the 21st Century.



# Early Engagement

## WHY?

## HOW?

## WHAT?

**SETS** believe in challenging the norm within the industry under which Late Life of Field / Late Life Operations are conducted

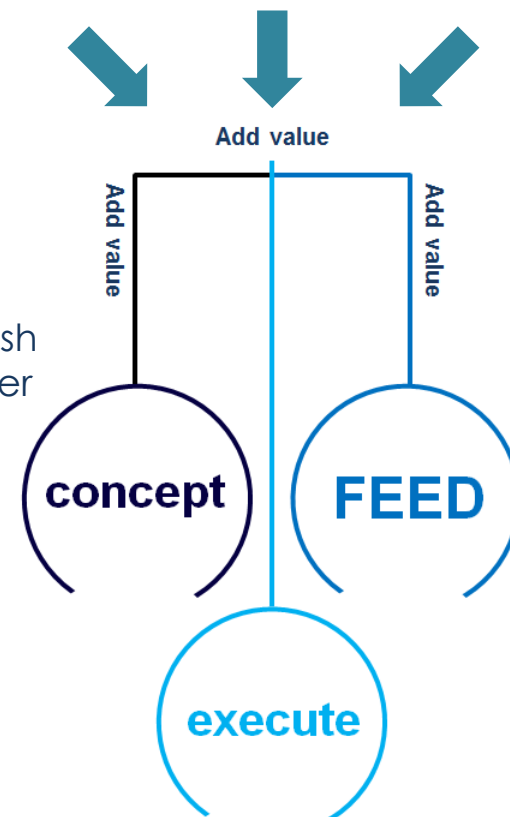
**SETS** challenge the industry behaviours and processes which are simply a rehash of old methods through delivering better results through early interaction

**SETS** has been built on a principal of recycling high levels of execution & design experience into the Front End of defining Late Life workscopes.

**Engaging early with the operator.**

Engaging early is part of the process within our team at **SETS** and installed in every decision we take when engaging the client.

The value add we deliver front end fundamentally adds value at the back end, giving clear direction and goals to secure ROI and lower OPEX costs.



# Project History

## Global Delivery.

### EON

Huntingdon Project

### Ithaca

Athena Field Development & Engineering Support

### Teekay

Banff Kyle Project

### Hess

Fyfe Flora Angus Decom

### Apache

Forties Charlie & Delta for PT change-outs, as-built support

### Maersk

Multiple engineering workscopes

### Noble Energy

Tamar Field Development - Offshore Israel- Installation of Risers & Spools



### Talisman

Tweedmuir SCM Diagnostics & Rectification/ IRM workscopes

### Enquest

Don Tie-ins, Don South West , Full PM&E Heather Conductor Repair

### OMV

Ashtart FPSO Export Solution – PM&E

### S7

Design & Engineering support. West Franklin Sealine On / offshore engineering on CNR Lyell upgrade

### SHELL

Various PM&E workscopes and methodologies

### TAQA

Subsea operation & risk consultancy project

### CENTRICA

Onshore engineering support

### CNR

PM&E of various IRM workscopes, Full PM&E NSP Conductor & Brace repair Campaign,

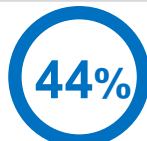
# Case Study Economics

## Key Figures

**Project:** MSO Field Export  
**Location:** Tunisia  
**Year:** 2015  
**Economics:** £7mill reduction



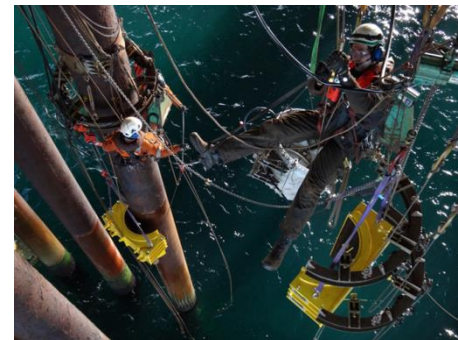
**ESTIMATE**  
Original in-country operator estimate (un-risked)



**ECONOMICS**  
44% less than scheduled budget for scope



**EVENTUAL**  
Eventual cost outcome of scope

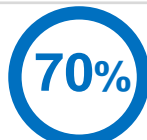


## Key Figures

**Project:** Conductor Repair NSO  
**Location:** North Sea  
**Year:** 2016  
**Economics:** £6mill reduction



**ESTIMATE**  
Original estimate (low) to repair 7 conductors & diver solution.



**ECONOMICS**  
70% less budget saved. Just under £6mill saved.



**EVENTUAL**  
Eventual cost of project. Full deliverables. On time under budget.

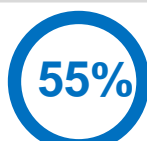


## Key Figures

**Project:** Brace Repair NSO  
**Location:** North Sea  
**Year:** 2016  
**Economics:** £1 million saved on DSV



**ESTIMATE**  
Operator original schedule was for 20 days DSV time.



**ECONOMICS**  
Millions saved by early engagement and commercial de-risk.



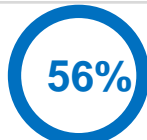
**EVENTUAL**  
Actual days performed by DSV campaign. 9 days less than scheduled.

## Key Figures

**Project:** Conductor Repair NSO  
**Location:** North Sea  
**Year:** 2017  
**Economics:** £2.7 million saved on



**ESTIMATE**  
Original estimate (low) to repair 4 conductors & diver solution.



**ECONOMICS**  
56% less than scheduled budget for scope

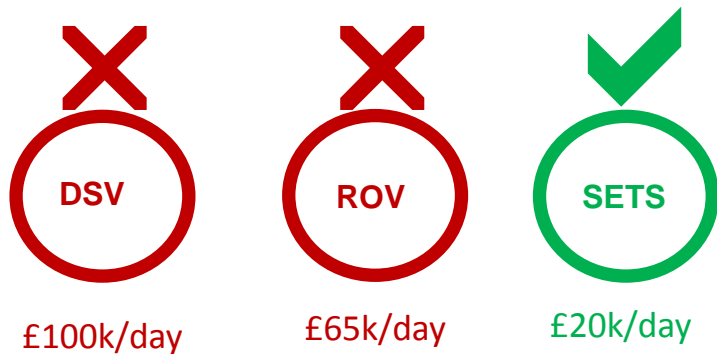


**EVENTUAL**  
Eventual cost outcome of scope

# Summary

SETS believe, a 'third eye' look at any challenge can give a clearer picture to what can be achieved. Our approach is based on Minimising Risk , Maximising Value for all projects and through Early Engagement , Disruptive Thinking methods.

SETS can guide an operator through a Phase 1 stage gate process and de-risk any unwanted commercials and NPT (Non Productive Time).



SETS approach will ensure all options are considered whether using an ROV / DSV or Rope access technique. We will ensure the focus is on

**Minimising Risk , Maximising Value**



# Is not the only option.



# Early engagement. Disruptive thinking.



Safety

Integrity

Teamwork

Trust



## HEAD OFFICE

Ocean Spirit House  
1st Floor, 33 Waterloo Quay  
Aberdeen AB11 5BS

t: 01224 465 210  
e: [info@setsltd.com](mailto:info@setsltd.com)

[www.setsltd.com](http://www.setsltd.com)