



**PROFESSIONAL SAFETY TRAINING**

Michael Wilder – General Manager

RE at Orbis Energy February 18<sup>th</sup> 2010

# The offshore industries

- Renewables offshore
  - Current status
  - Future growth
  - Likely timescales
- Oil and Gas offshore
- Maritime - shipping & support.

# Renewables offshore

- Crown Estates - Current local WTG status
  - Round 1** - largely installed
    - Scroby sands 30x 60MW
    - Lynn and Inner dowsing 57x 194MW
  - Round 2** - ongoing works
    - Greater Gabbard 164x 590MW
    - London Array 341x 1000MW
  - Round 3** - the future - BIG growth
    - 18GW or 5000 3.6mw machines...
    - Yet to materialise.

# Renewables Offshore

- Where are the jobs now?
  - R1** Ongoing Maintenance by 3<sup>rd</sup> parties
  - R2** Installation / OEM maintenance
  - R3** Surveys / OEM works / designs /  
legals / installation / onshore support.

# Renewables Offshore

- The Future – When is R3 work coming?

Award 2010

Surveys and legal 2010 – 2013

First installations 2014 – 2016

OEM stage 2015 – 2021

Ops and Maintenance 2020 on.

## What roles are going to be available in Renewables Offshore?

- Future jobs for Round 3.  
Surveys & design 2010 – 2013  
including Geophysical, environmental, meteorological, structural, cabling, onshore grids,  
First installations 2015?  
All OEM roles will be in demand from 2012 onwards.

# Oil and Gas offshore

U.K. has 3 principal offshore Oil and Gas centres

- **Aberdeen** – oil region, large platforms, up to 300 miles offshore, 70% industry
- **Great Yarmouth** – gas region, smaller platforms, mainly unmanned. Closer to shore >100 miles. Petans based in SNS
- **Liverpool Bay** – smaller gas region.

# Oil and Gas – UK and Global

- There are many hundreds of oil and gas fields across every region of the world
- The UK industry employs about 35000 people, with approximately 10 onshore supporting 1 offshore
- Worldwide it is > 2.5m based on the ratio of 25 onshore for 1 offshore.

# What roles are there in O & G?

- All levels in Operators and Contractors
- Marine and underwater
- Drilling and marine
- Technical - Mechanical and Electrical
- Skilled and black trades
- Process and hydrocarbon engineering
- Logistics and supply

[Oilandgas4u.com](http://Oilandgas4u.com)

# What roles are there in Marine?

- All levels in onshore Supply Boat Contractors
- Boatbuilding services
- WTG access vessels – Alleycat / Windcat
- Survey and Geophysics
- Environmental expertise
- Technical - Mechanical and Electrical
- Logistics and supply

[www.marineresources.co.uk](http://www.marineresources.co.uk)

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

# Petans - Training provider

## Basic training

- Wind turbines on/offshore  
Basic training will be available when it is defined in 2010 (BWEA)
- Basic Offshore Survival and MIST (OPITO)
- Basic Maritime training (MCA).

# Petans - Training provider

## Specialist training

- Firefighting - offshore and maritime
- Helicopter Operations
- Confined space (C and G)
- Health and Safety
- First Aid
- Working at Height.

## Financial help for Basic training

As Registered Charity No 290458

Petans can provide funds towards your training

A non-repayable grant of up to **£350** towards the cost of any Petans basic training course for offshore industry.

# Financial help for Basic training

To qualify for a training grant you must meet each of these 3 measures:

You must be permanently resident in UK Eastern Region

...Have an address in Norfolk, Suffolk, Essex, Cambridgeshire, Hertfordshire, Bedfordshire, Lincolnshire.

# Financial help for Basic training

and you must be:

In receipt of some form of

Government benefit

OR be on

HM Prison resettlement programme

OR be on

HM Forces resettlement programme

# Financial help for Basic training

Finally....

You have to have a skill or discipline which is needed by one of the industries

In other words you must be able to get a job working offshore

Skilled bricklayers need not apply....

# Financial help for Basic training

**In Summary. £350 off basic courses if you;**

- **Live in the UK Eastern region**
- **Armed Forces, HMP or Govt Benefit**
- **Skilled in a role industry needs**

**NB Employer funding is also available.**

# How do I access this funding?

If you think you qualify on the 3 measures

Just **ask** for it.

Book through your career officer or direct  
with Petans

Mention the Bursary to Admin staff.

# What else do I need to know?

Take some advice

Research the market for a role that fits you

- use all the resource available...
- Websites, but don't pay for them.
- Industry publications and guides,
- Personal contacts
- Mailshot relevant parties your cv's
- Don't give up.

# Where do I find out more?

Go to **Google**

enter “Oil and gas jobs”

You will find > 22 000 000 sites

[www.oilandgas4u.com](http://www.oilandgas4u.com)

enter “Wind turbine jobs”

You will find > 1 270 000 sites

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

enter “Marine industry jobs”

You will find > 1 950 000 sites

[www.mcga.gov.uk](http://www.mcga.gov.uk)

Petans - offshore industry trainers



[www.petans.co.uk](http://www.petans.co.uk)

[michael@petans.co.uk](mailto:michael@petans.co.uk)

Registered Charity No 290458