Offshore Wind Skills Provision in the North East

Regional Excellence Global Capabilities
ENERGI COAST®
Proud to support
North East England's Offshore Wind Cluster

North East
Local Enterprise Partnership

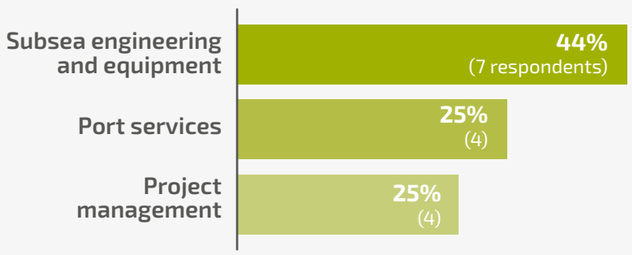
Introduction

In 2020 the North East Local Enterprise Partnership, in partnership with the North East offshore wind industry cluster group Energi Coast, facilitated the creation of the Energi Coast Skills Group. The group provides strategic advice, support, and coordination of partners, to enable delivery of the objectives around the skills agenda for the cluster.

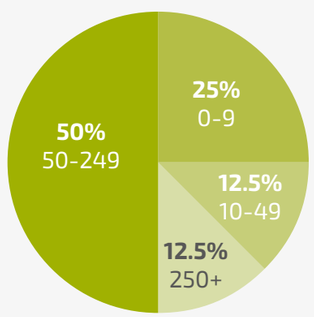
As part of this work the group commissioned a survey into skills provision in the Offshore Wind industry. The objective was to understand and quantify current provision and future demand. 16 businesses completed the survey which constitutes 65% of the Energi Coast Skills Group.

Business information

Responses were received from 65% of the Energi Coast Industry group



Number of employees across all North East Sites:



Training

62% of employers agreed that existing skills and training provision in the region met their workforce needs

Suggestions to improve courses include:

Universities should look at offering offshore-specific geoscience, geotechnical, geophysical and civil engineering courses

Training should focus on the current in demand skills, such as project management

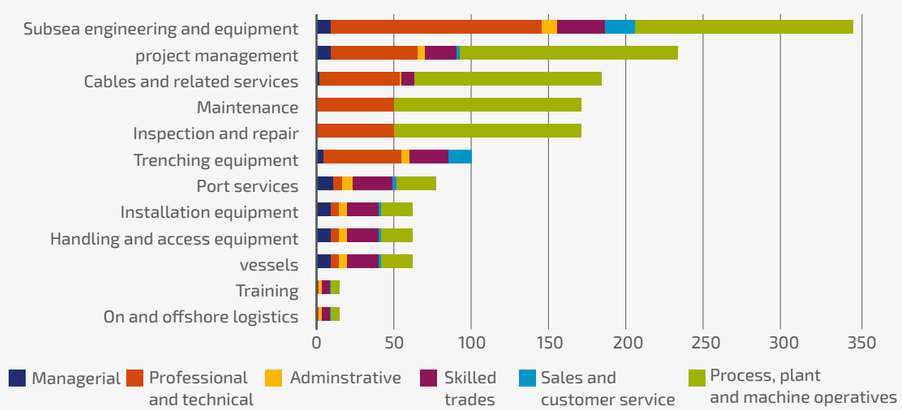
Specialist courses are needed to train staff in areas such as fibre optics and cable testing

Employment

91% expect direct employment to increase at their business located in the North East of England (North East and Tees Valley)

Businesses were asked about which job roles they would need to recruit for. 100% said professional and technical roles; 70% said managerial and administrative level respectively. Two thirds said skilled trades and process, plant and machine operatives.

The chart below depicts future job roles by business sub sector.



Skills

Education requirements are shown below with graduates being most in demand.

78% will be recruiting **level 2 (GCSE)**

67% will be recruiting **level 3 (A Level)**

89% will be recruiting **level 6 (graduates)**

56% will be expecting to recruit **level 7/8 (post-graduate)**

Skills and competencies identified as being important over the next 5 – 10 years include:

- **Wind turbine technicians and engineers**
- **Master's level engineering qualifications in geoscience, geotechnical and civil engineering**
- **Mechanical and electrical engineering**
- **Industry experience**
- **High voltage cable jointing and testing and fibre optic installation**
- **Operations and maintenance experience**
- **Entrepreneurship**
- **Digital skills such as knowledge around software, AI and wireless communication**