

DYW

Developing the
Young Workforce

ENERGISING CAREERS



A guide to careers in the energy industry.

ABOUT

Developing the Young Workforce in support of our National Virtual Careers Fair, have pulled together a range of resources from employers and partners to showcase careers in the Energy Industry.

The Energy industry includes traditional oil & gas operating companies, such as:

- [Shell](#)
- [BP](#)
- [Chrysaor](#)

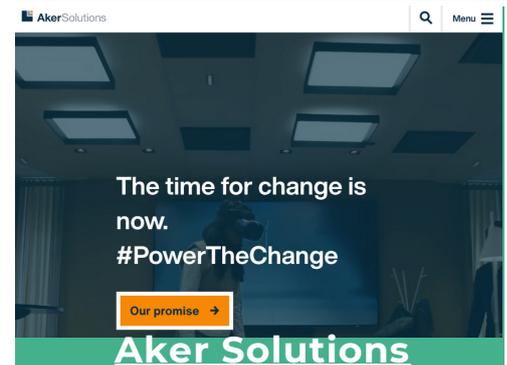
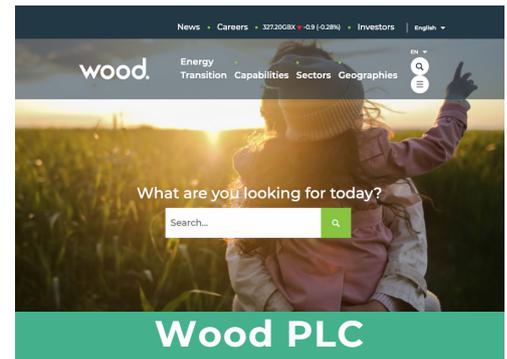
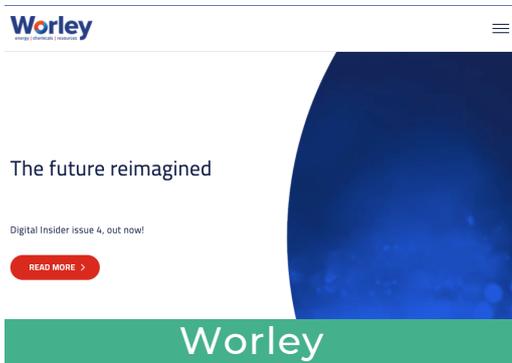
as well as alternative energy and sustainable energy companies (Renewables), including those involved in hydroelectric power

- [Scottish & Southern Energy and Windpower](#)
- [Moray East](#)

These operating companies ‘own’ the facilities that generate the energy.



To support the production of energy, there are also companies such as **Wood PLC**.
And **Worley**.



These companies provide specialist engineering support to the operators. The energy industry is not all about engineering though, within all of the above companies you will find people employed in lots of different careers, such as HR, accounts and finance, sales, communications, catering, IT, admin, legal, PR, the list is endless and we hope you can find some interesting careers using the resources provided.

Learn some initial **Fun Facts and Figures about the Energy Industry.**



GUIDANCE

Educators can select and work through any of the resources in this pack. There are industry insight films and career insight films to watch first, each accessible at any time via the links provided.

There are also job descriptions which can be used to support class activities, as well as 'Career Planners' that can suggest interesting careers based on skills and interests.

Industry Insight Films.....

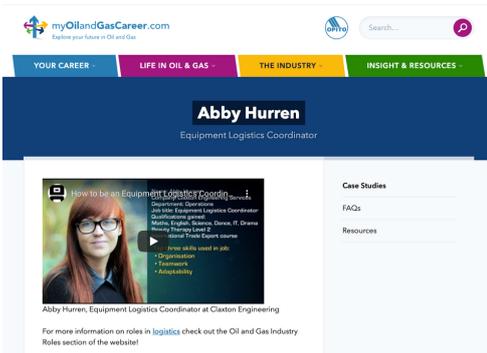


EDF Energy

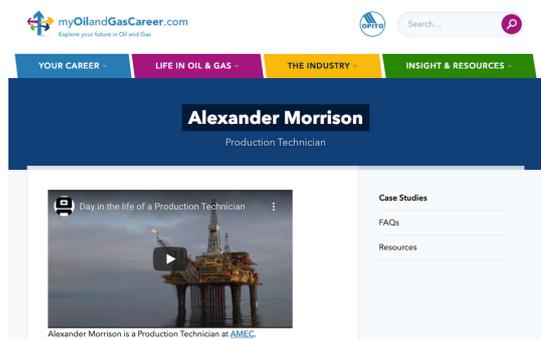


- [Get Energised](#)
- [How to get a job in the renewables sector](#)
- [North East Scotland College](#)
- [NHV](#)
- [Opportunity North East](#)
- [Working for Britain](#)
- [Careers at the UK Atomic Energy Authority](#)

Career Insight Films



- **Abby Hurren,**
Equipment Logistics
Coordinator



- **Alexander Morrison,**
Production Technician



- **Alistair Blackwell,**
Environmental Advisor



- **Jordan Steele,**
Modern Apprentice



- **Nathan Huxham,**
Offshore Chef



- **Stephen Fisher, Wind**
Turbine Engineer

Career Insight Films

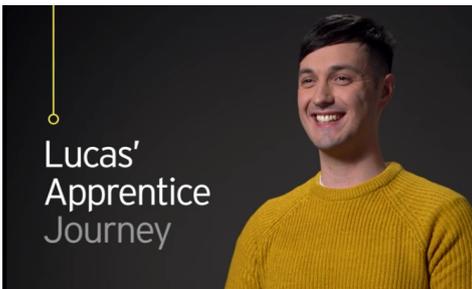


- A trip to an offshore platform

- First day at EY

First Time
for Everything

Apprentice Edition



- Lucas's journey (Aberdeen apprentice now Assistant Manager).

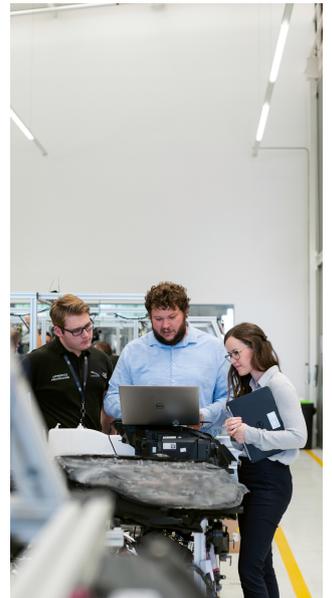
- Sean Bruce, Instrument Technician (Now Maintenance Team Lead).



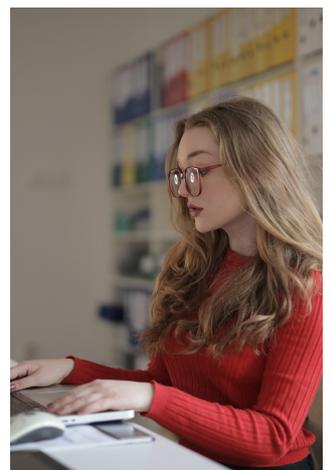
Career Information

The following pages give an overview of different jobs available in the energy industry, they include information such as descriptions of the role, what skills are required and what the average salary is.

- [Electrical Engineer](#)
- [Mechanical Engineer](#)
- [Big Data Engineer](#)
- [CAD Technician](#)
- [Office Equipment Service Technician](#)
- [Chef](#)

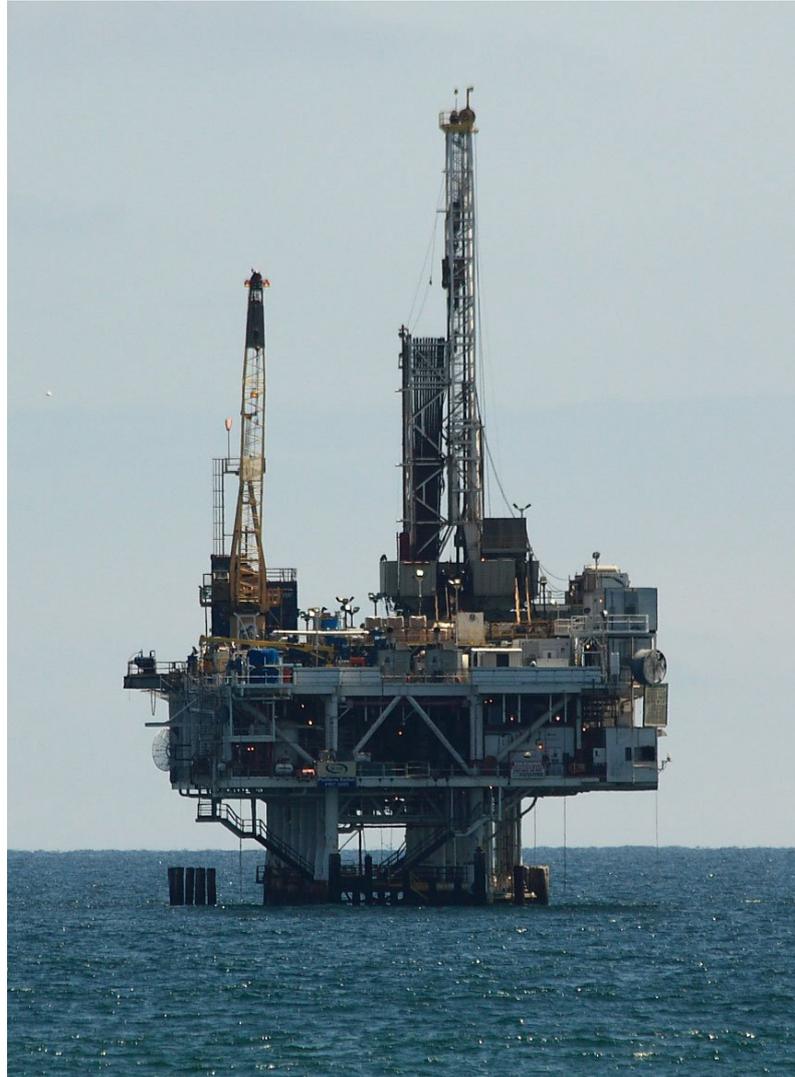


- [Accountant](#)
- [Communications Coordinator](#)
- [Administrator](#)
- [Buyer](#)
- [Meet the Team: Adele Blaikie](#)



Student/Teacher Resources

- [My World of Work](#)
- [My Oil and Gas Careers Website](#)
- [Oil and Gas Technical Apprenticeship Programme](#)
- [Step Into Renewables](#)



- [Oil and Gas Technology Centre STEM support](#)
- [Aberdeen Science Centre STEM support](#)
- [Society of Petroleum Engineers \(energy4me\)](#)

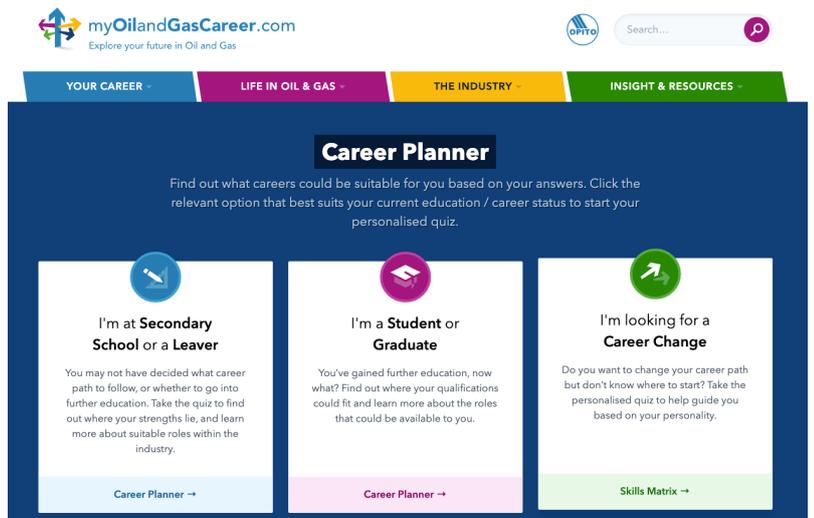
Classroom Projects



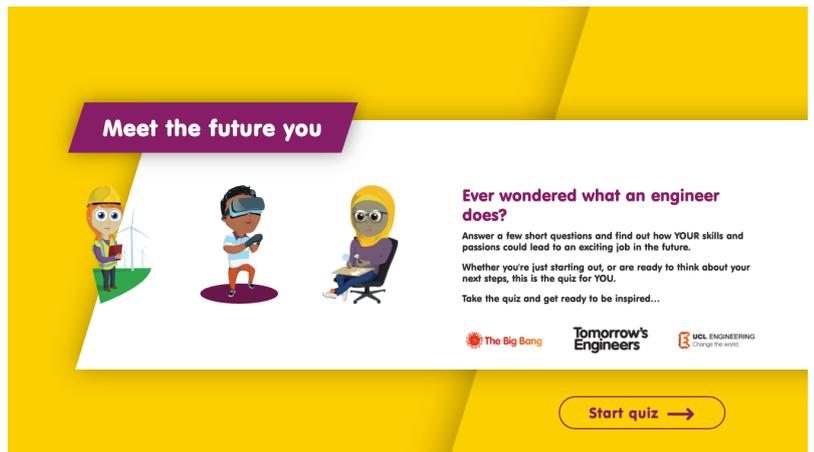
Get the students to pick a career quiz.

Then follow the instructions and answer the questions to find out what career options may be available to them.

Ask some of them to present to the rest of the class, explaining what they like doing, what skills they have and whether the suggested career would be of interest to them.



Take the Career Planner



Take the Meet the Future You Quiz



Classroom Projects (Continued)



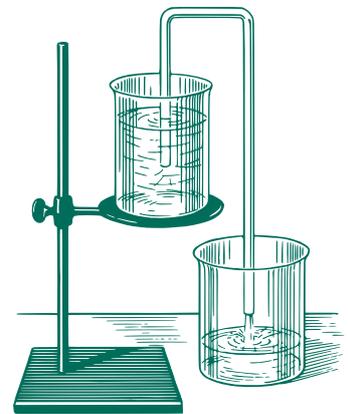
As part of an HE lesson, arrange for someone in the catering industry to deliver a virtual session on meal planning/menu design (tie in with offshore/onshore chef/catering)?



Your local regional DYW group can help with sourcing someone to support.



You could invite someone from the Energy sector to give a virtual talk to a class. This could tie in with some of the subjects at school like Maths, Science or Languages.



Your DYW regional team can help with sourcing someone from the sector to do this.



Ask the class to develop job descriptions of different careers in energy they are interested in.

Ask some employers working in the energy sector to do virtual mock interviews with the class in relation to the job they have picked so that they can find out what skills are required.

