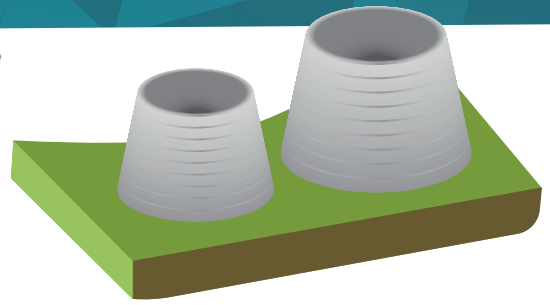


ENERGY & CIRCULAR ECONOMY

What is the Energy and Circular Economy sector?



Energy involves the generation of heat and power for homes, businesses and transport. The renewable energy sector is growing fast with a strong focus on increasing green and renewable energy.

The circular economy is about designing products to minimise waste and encourage re-use when manufacturing products or materials. Companies in Tees Valley are finding innovative ways to use waste products which helps to reduce the impact on the environment.

Key Information

Over 6,000 people work in the Energy and Circular Economy in the Tees Valley.

There were over 180 Energy and Circular Economy vacancies advertised online in the Tees Valley in 2018.

Only 25% of the current workforce is female.

The government aims to deliver 15% of the UK's energy needs with greener renewable energy sources such as wind, tidal and solar power by 2020.

Useful Subjects

- English
- Mathematics
- Science
- Technology
- Engineering

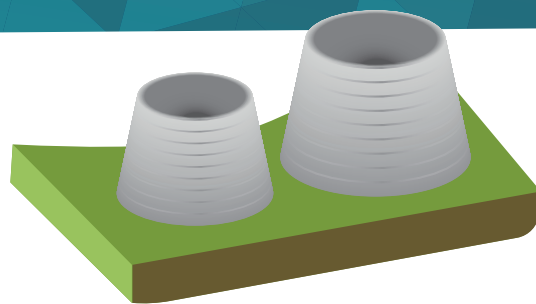
Skills and Qualities

- Accuracy and attention to detail
- Communication
- Problem solving
- Organising and planning
- Leadership
- Team Work

Top 5 specialised skills most requested in Energy & Circular Economy job adverts

1. Water Treatment
2. Chemistry
3. Hazardous Waste
4. Project management
5. Budgeting and quality management

ENERGY & CIRCULAR ECONOMY



Average annual salaries in the Tees Valley

Managers and Directors in Mining and Energy	£53,500
Natural and Social Science Professionals	£41,000
Engineering Technician	£37,600
Physical Scientist	£37,400
Energy Engineer	£33,400
Chemical Scientist	£27,700
Refuse and Salvage Worker	£19,400

Routes into Energy & Circular Economy

Apprenticeships are a well-respected route into the Energy and Circular Economy industry with many employers offer well established apprenticeship programmes. Many employers will support work based and academic development through on the job and off the job training, including paying for higher education qualifications. For more information on apprenticeships please visit www.apprenticeships.gov.uk

Further Education in a college or sixth form is also a well-established route into the Energy and Circular Economy where qualifications in STEM subjects (Science, Technology, Engineering and Maths) will give you an advantage. To search for a course please visit www.ucasprogress.com.

Higher education is also a popular route into Energy and Circular Economy with courses in subjects such as Engineering, Mathematics or Earth Sciences. Please visit www.ucas.com to find out more.

More Information:

Prospects
Renewable Energy

[CLICK HERE](#)

Prospects
Energy & Utilities

[CLICK HERE](#)

Renewable Energy Jobs

[CLICK HERE](#)