



Green industries

Low carbon industries is a key growth sector for Leeds City Region

Green industries are also described as 'low carbon' and 'the circular economy'. They can be grouped as low carbon electricity and heat, energy from waste and biomass, energy efficiency products, low carbon services and low emission vehicles. 'Green jobs' are to be found in many work areas including construction (buildings need to be energy efficient), and engineering and manufacturing (creating new products and materials).

The importance of green and environmental industries is growing fast because of government policies to:

- tackle climate change
- reduce greenhouse gas emissions
- ensure secure and sustainable energy supplies.
- The Office for National Statistics estimated there were 238,500 green jobs in the UK in 2014 (local figures are not available).
- There were around 2,200 vacancies for employment in green industries in West Yorkshire in 2017.
- The most likely scenario for employment in green industries in Yorkshire and the Humber shows that jobs will double to 45,500 by 2020.
- In Leeds City Region there is the highest employment in low carbon industries outside the south east of England.

In the future... By 2020 it is predicted that the renewable energy sector will create many new jobs in Yorkshire and the Humber, with offshore wind creating 11,500 jobs, onshore wind creating 750 jobs and wave and tidal power creating 250 jobs.

Types of job	National average salary
Biomass maintenance engineer	£31,712
Conservation manager	£33,474
Project manager (manufacturing)	£59,286
Environmental technician	£26,550
Plant operator	£28,720
Energy engineer	£43,633

Additional source:
The Prospect for Green Jobs,
Yorkshire Cities 2011

Skills/qualities

- Problem solving
- Maths and IT skills
- Technical skills
- Practical skills/using tools
- Team work
- Project management

Useful subjects include

- Maths, English and ICT
- Sciences
- Engineering

Some local employers

- Eclipse Energy
- Envirowaste Services
- Leo Group
- Kinetic Systems Ltd
- Stroma
- Yorkshire Energy Services

More information...

- www.greenenergyjobs.com/career-guide
- www.renewableuk.com
- www.green-alliance.org.uk
- www.futuremorph.org
- www.lantra.co.uk/careers

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<https://careersyandh.co.uk>

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