

Green jobs and skills

Green jobs can create ways of living and working that contribute to the protection of the environment and conserving and maintaining natural resources. Examples of places you could work include:

- Offshore
- Outdoors
- In an office
- Ports
- Recycling centres
- On a building site

You could work within many different career areas, including:

- Transportation
- Manufacturing
- Energy
- Construction
- Healthcare
- Engineering
- Environmental management and conservation
- Digital Tech
- Finance
- Sales and marketing
- Research
- Procurement
- Education

Progression

Electrical power networks engineer



Wind turbine technician professional



Maintenance and operations engineering technician apprentice



Future growth areas could include:

- Hydrogen production and storage
- Floating offshore wind projects
- Fabrication and welding
- Scientific research and development



Did you know?

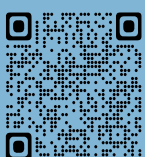
Any career that helps the UK work towards Net Zero could be considered a green career.

This could include roles you may not think of such as:

- Admin assistant
- Business analyst
- Digital marketing executive
- Product designer

Apprenticeship examples

Countryside worker	Level 2
Nuclear operative	Level 2
Low carbon heating technician	Level 3
Installation and maintenance electrician	Level 3
Corporate responsibility and maintenance practitioner	Level 4
Electro-mechanical engineer	Level 6
Sustainability business specialist	Level 7



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Green jobs and skills (Humber)

The National Grid describes renewable energy as “energy that comes from a source that won’t run out. They are natural and self-replenishing, and usually have a low or zero-carbon footprint.” Important growth areas in the Humber include: **offshore renewable energy**, **carbon capture** and **hydrogen**.

Offshore renewable energy

Offshore wind power / offshore wind energy is the energy taken from the force of the winds out at sea, transformed into electricity and supplied into the electricity network onshore.

Future skills and jobs could include:



High level electrical skills



Project management



On and offshore logistics, marine and port orientated skills



High level digital specialisms, e.g.: Data analytics, Artificial Intelligence, robotics, digital engineering/science

Carbon capture

Carbon capture and storage (CCS) is a way of reducing carbon emissions. CO₂ emissions produced from power generation or industrial processes such as steel and cement production are captured, transported (via ship or in a pipeline), and then stored deep underground.

Future skills and jobs could include:



Civil engineer



Geothermal technician



Technicians and welders



Underground construction and tunnelling

Hydrogen

Hydrogen is a low carbon fuel that can be used in power, transport, heating and as a form of short-term energy storage. The creation of a hydrogen economy will be an important part of decarbonising the Humber and wider Yorkshire region. **Future skills and jobs could include:**



Chemical engineer



Control room officer



Fitter and turner



Big data

Did you know?

Humber has **16.4%** of the UK's offshore wind workforce population.

Green jobs and skills (Humber)

Jobs in demand



Safety manager/specialist
149



Environmental planner/scientist
30



Recycling/sanitation worker
64



Sustainability specialist
30



Wind turbine technician
33



Electrician
22

Note: Rounded number of online job postings, Oct 2022 – Sept 2023, Hull, East Riding of Yorkshire, North East Lincs and North

Some employers in the area

Orsted

centrica



Hull
City Council

ABP
ASSOCIATED
BRITISH PORTS



UNIVERSITY OF HULL

wood.

SIEMENS Gamesa
RENEWABLE ENERGY
North Lincolnshire Council
www.northlincs.gov.uk

Note: Recruitment agencies also advertise for green jobs.

Skills in demand

Common skills in demand in the green sector over the last 12 months include:



Communication



Planning



Management



Influencing skills

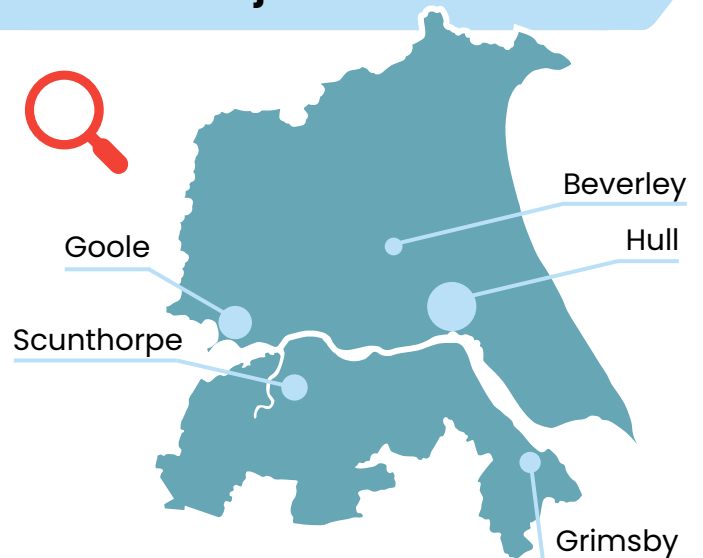


Operations



Problem solving

Where most jobs are advertised



Note: Areas with the most job postings.

For further information visit:



ZEROCARBON
HUMBER

www.renewableuk.com greenporthull.co.uk www.zerocarbonehumber.co.uk

Source: Lightcast, Online job postings Oct 2022 – Sept 2023 / Institute for Apprenticeships and Technical Education (website accessed 28/06/2023) / Humber HEY Skills Partnership, Skills Innovation and Sustainability, *Green Jobs and Skills Analysis Report, Version 3* / www.saltendchemicalspark.com/companies-on-site/ (website accessed 30/10/2023) / www.nationalgrid.com/stories/energy-explained/what-are-different-types-renewable-energy (website accessed 30/10/2023) / OWIC *Offshore Wind Skills Intelligence Report 2023* / nationalcareers.service.gov.uk/green-careers-week (website accessed 30/10/2023)