

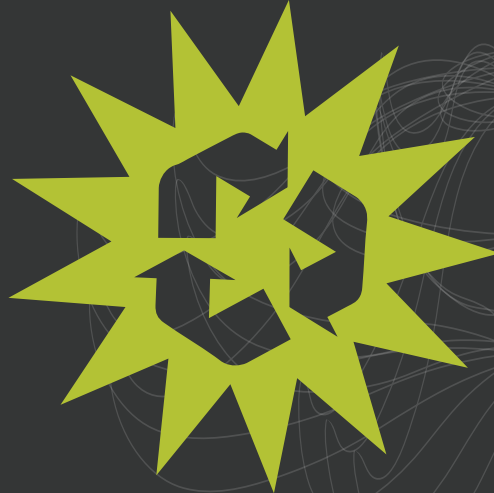
GREEN JOB TRENDS



CALDERDALE

Green jobs are those that help protect the environment and work out how we adapt to climate change.

This leaflet will tell you about the current trends in green employment, including the types of green jobs that are likely to be in demand in the future.



The government has set targets to make sure the country achieves net zero by 2050. In Calderdale, the aim is to meet net zero by 2038. People are needed to do jobs that will help us meet these targets, by designing energy-efficient homes or repairing wind turbines, for example. The targets include:

600,000 electric heat pumps to be installed every year by 2028.

100% of new cars and vans sold in Great Britain to be zero emission by 2035.

300,000 publicly accessible charging points for electric cars to be installed by 2030.

30,000 hectares of trees to be planted every year.

The amount of energy generated by solar power to be increased to 70GW by 2035, enough to power 20 million homes.

In Calderdale, 69,000 homes to be retrofitted by 2038, to make them more energy efficient.

GREEN EMPLOYERS IN CALDERDALE

The list below shows how varied green jobs are. Some of these companies work directly on insulating homes and installing solar panels, for example, whereas others work on making greener products or in helping other businesses become greener.

Calder Building Services Ltd
Calderdale Council • Eclipse Energy
Evotech Technical Services • Habasit (UK) Ltd • Hanson Plywood Ltd • Interface Europe Ltd • JCA Ltd • Madison May Consulting Ltd • Sonoco Europe • Suma Foods • Together Housing Association • YES Energy Solutions

In Calderdale, it is estimated that the work needed to retrofit houses, and to install heat pumps and solar panels, could support up to 3,000 jobs.

The government plans to create 2 million skilled green jobs by 2030.

Between 2020 and 2022 there was a 20% increase in the number of green jobs in the UK.

There is the potential for 40,000 new green jobs to be created in West Yorkshire by 2030 and 70,000 by 2050.

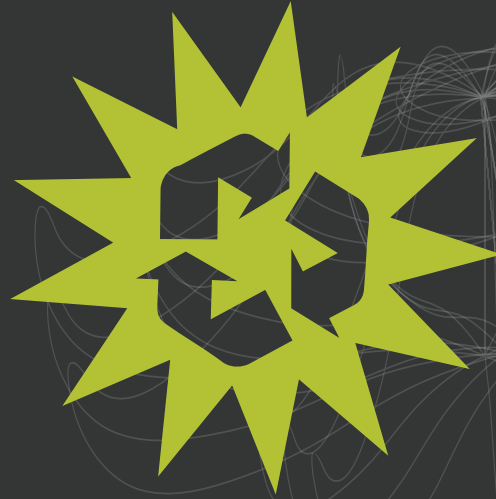


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Many green jobs are at a higher level, requiring at least level 3 qualifications. As you can see from the examples below, the higher the level of qualification you achieve, the more money you are likely to earn.



AVERAGE SALARIES



LEVEL 2

Recycling operative	£13,000 - £24,000
Smart meter installer	£24,000 - £38,000
Water treatment worker	£17,000 - £32,000

LEVEL 3

Heat pump engineer	£24,000 - £46,000
Thermal insulation engineer	£20,000 - £40,000
Wind turbine technician	£25,000 - £47,000

LEVEL 4+

Agronomist	£22,500 - £60,000
Architect	£31,000 - £58,000
Business project manager	£29,000 - £75,000
Energy engineer	£20,000 - £50,000
Environmental consultant	£25,000 - £50,000
Hydrologist	£28,000 - £45,000
Recycling engagement officer	£22,500 - £35,000

<https://nationalcareers.service.gov.uk/explore-careers>

GETTING QUALIFIED

You can get the qualifications you may need to do a green job by:

> Studying at school or college

Lots of the subjects you study at school or college will give you the skills and knowledge you need to do a green job. For some green jobs, studying maths and science subjects is important. If you are interested in a more practical green job, then studying subjects such as agriculture, animal care, construction or engineering could be useful.

> Doing a higher education (HE) course at a college or university

There are hundreds of HE courses available in a wide range of green subjects. These include climate science, ecology and conservation, energy engineering, environmental management, global sustainability, sustainable finance, and urban planning.

> Completing an apprenticeship

Over 200 apprenticeship titles now support the UK's target to achieve net zero by 2050, and there are plans for hundreds more to become greener.

MORE INFORMATION

<https://nationalcareers.service.gov.uk/explore-careers> for information about hundreds of different jobs.

www.apprenticeships.gov.uk for general information about apprenticeships and vacancies.

www.ucas.com for information about HE courses.

