

SECTOR FOCUS:

**National
Careers
Service**

Helping you take
the next step

**Cheshire &
Warrington**

Low Carbon and Environmental Goods and Services in Cheshire and Warrington

Low Carbon and Environmental Goods and Services (LCEGS) is a diverse sector that covers environmental businesses (such as waste management and environmental consultancy), renewable energy (including wind turbines and solar power) and low carbon (for example, nuclear energy and biofuels). The sector offers a broad range of technical careers for those with a background in science, technology and engineering, but there are also opportunities in business support roles, for example in finance or logistics.

The sector is hugely important in the Cheshire and Warrington area; there is particular expertise in nuclear energy with a cluster of companies based in Birchwood Park in Warrington and specialist uranium production facilities at Capenhurst in Cheshire West. Warrington is also home to United Utilities, Britain's largest water utility company. The expertise available locally attracts investment from a range of sources and the area is now home to a new Energy Innovation District, which will help to secure low carbon energy from across the North West. It is hoped that it will bring significant new employment opportunities.

What types of jobs are available?

Average annual salaries in the sector include:



MAINTENANCE TECHNICIAN
£16,000 TO £35,000



PROJECT MANAGER
£22,000 TO £70,000



MECHANIC
£18,000 TO £35,000



NUCLEAR ENGINEER
£24,000 TO £70,000



WATER NETWORK OPERATIVE
£15,000 TO £25,000



RENEWABLE ENERGY ENGINEER
£20,000 TO £80,000

Fast Facts

about the Low Carbon and Environmental Sector in Cheshire and Warrington:



Approx. 31,000 energy and environment related employees locally.



Protos, based near Ellesmere Port, is expected to create 13,000 jobs.



The sector offers diverse working environments, including roles in offices, laboratories and outdoors, some roles involve travel and work overseas.



The nuclear industry has a target to increase the number of women in the workforce by 40% before 2030.



The Stublach project in Northwich will create the largest onshore gas storage facility in the UK.



What companies are based in Cheshire and Warrington?

Examples of local employers in the Low Carbon and Environmental sector include:

- Storengy UK, Northwich
- United Utilities, Warrington
- URENCO, Capenhurst
- Wood plc, Birchwood Park & Knutsford
- EA Technology, Capenhurst
- National Nuclear Laboratory, Birchwood Park

How do I get into the sector?

Entry into the sector depends on the exact role and level of job. The majority of roles available require a background in science, technology or engineering, either at a skilled or a professional level. Business support roles will attract people with a wide range of skills and experience. Training is available on the job, through apprenticeships, or through full and part time college and university courses.

Colleges and Universities

There are a wide range of colleges and universities in the area that offer programmes in science and technology related subjects. To search for a local course you can use the National Careers Service course search tool at:

<https://nationalcareersservice.direct.gov.uk/course-directory/home>
or to find out more about university courses go to www.ucas.co.uk.

Apprenticeships

Many large companies and other smaller businesses offer apprenticeship opportunities, which allow you to study and work at the same time. Apprenticeships are available in technical roles as well as business support and the opportunities to study at a higher level have been increased by the introduction of Higher and Degree Apprenticeships which include careers such as surveying, engineering and project management. Apprenticeships are open to both young people and adults and are available at all levels. Recent examples of local apprenticeship vacancies have included:

- Apprentice Fleet Administrator
- Apprentice Field Service Engineer
- Apprentice Scientist
- Business Administration Apprenticeship - Procurement
- Engineering Design Degree Apprenticeship

How do I find out more about careers in the Low Carbon and Environmental sector?

National Apprenticeship Service: <https://www.gov.uk/apprenticeships-guide>

Careers in the power industry: <http://www.thinkpowersector.co.uk/>

Engineering Construction Board: www.ecitb.org.uk/apprenticeships-careers

National Skills Academy for Nuclear: <https://www.nsan.co.uk/careers>

Career opportunities in energy and utilities: <http://www.talentsourcenetwork.co.uk/your-career-0>

Graduate career information: <https://www.prospects.ac.uk/job-profiles/browse-sector>

National Careers Service

Help is available online, or with one of our careers advisers by phone or in person.

For more information call 0800 100 900 between 8am to 10pm 7 days a week or search online for National Careers Service.

<https://nationalcareersservice.direct.gov.uk>