

Labour Market Information

Green Tech Sector



Sector Overview

Industry
Green Technology and Environmental Services
Local Focus
Walsall, Black Country and Birmingham
Key Areas
Renewable energy, energy efficiency, waste management, sustainable construction, electric vehicles, carbon reduction technologies
Current Outlook
The green tech sector is experiencing robust growth because of the UK's commitment to achieving net-zero carbon emissions by 2050. There is strong demand for skilled professionals to drive innovation in renewable energy, waste management, sustainable manufacturing and carbon reduction technologies, with increasing opportunities in the region due to government incentives and local sustainability initiatives.

Key Job Roles and Entry Points

Entry-Level	Mid-Level / Skilled Roles	Advanced / Managerial
Green Energy Technician	Environmental Consultant	Sustainability Manager
Renewable Energy Installer	Energy Analyst	Carbon Reduction Strategist
Sustainability Assistant	Green Construction Project Manager	Renewable Energy Project Manager
Recycling Technician	Energy Efficiency Consultant	Solar/Wind Energy Systems Engineer
Electric Vehicle Technician	Waste Management Planner	Environmental Compliance Officer

Qualifications and Training

Role Type	Typical Qualification / Courses
Entry Level	Level 2-3 in Environmental Studies, Renewable Energy Apprenticeships, Green Tech Bootcamps
Skilled Roles	NVQ Level 3-4 in Renewable Energy, Environmental Science Degree, BTEC in Sustainable Construction

Management	Degree or equivalent in Environmental Engineering, Renewable Energy, Carbon Management, LEED Certification
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Local Providers in Walsall

- Walsall College
- University of Wolverhampton
- Online providers – The Green Construction Board, Coursera, EdX (Environmental and Energy Certifications)

Local Employers in Walsall

Employer	Roles Available	Contact
Biffa	Re-Cycling Centre	luke.walter@biffa.co.uk www.biffa.co.uk
Generation UK	Energy Advisors	james.hughes@generation.org uk.generation.org
Encyclis	Energy generation from residual waste (RECRUITING 2026)	Oliver.Maxey@encyclis.com www.encyclis.com

Pathways



Salary and Progression Information

Role	Typical Pay in Walsall
Green Energy Technician	£20,000 – £25,000
Renewable Energy Installer	£24,000 – £30,000
Sustainability Assistant	£22,000 – £28,000
Environmental Consultant	£30,000 – £40,000
Renewable Energy Project Manager	£40,000 – £55,000+

The sector benefits from various government schemes that offer additional opportunities for progression. Experience in managing projects and obtaining certifications in carbon management or sustainability can boost earnings significantly.

Current Opportunities and Growth Areas

- Renewable energy installation and project management, particularly in solar, wind, and energy storage systems
- Strong growth in energy efficiency consulting, especially for commercial and industrial sectors
- Waste management and recycling innovation is growing, with local authorities investing in advanced waste technologies
- Increased focus on electric vehicles (EV), with opportunities in manufacturing, servicing, and infrastructure development
- High demand for sustainability managers to lead corporate environmental initiatives
- Apprenticeships and upskilling opportunities in energy auditing and carbon reduction are expanding

Tips for Progression

- Take a green tech introductory course (e.g., renewable energy, environmental sustainability)
- Obtain specialist certifications in areas like LEED, energy auditing, or solar panel installation
- Build practical experience through apprenticeships or working on real-world sustainability projects
- Join environmental networks or associations to connect with industry professionals
- Keep updated on climate change policies and emerging green technologies
- Attend green tech webinars, workshops, or expos to expand your knowledge and connections

Useful Links and Contacts

- [Green Construction Board](#) – Sustainable Construction Resources
- [National Careers Service](#)
- [The Carbon Trust](#)
- Walsall College Environmental Courses: www.walsallcollege.ac.uk
- [Coursera](#) – Green Tech Certifications
- [FutureLearn](#) – Sustainability & Environmental Courses

Last updated: June 2025