

# LOW CARBON

The low carbon industry sector focuses on organisations that work with low carbon power sources to achieve environmental development goals while reducing long-term greenhouse gas emissions and increasing resilience to climate change impacts. The West of England is home to world-class companies in renewable energy, waste management, recycling, energy control, transport and environmental consultancy.

All data represents the West of England

## SIZE OF SECTOR



**4,843**

people are employed in this sector.



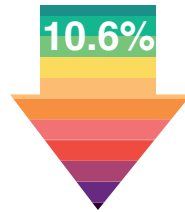
**5,028**

unique job postings between Jan 2017 and Jan 2018.



**13.8%**

of the workforce are aged 16-24 years old.



The sector is forecast to decline by 10.6% between 2017 and 2026.



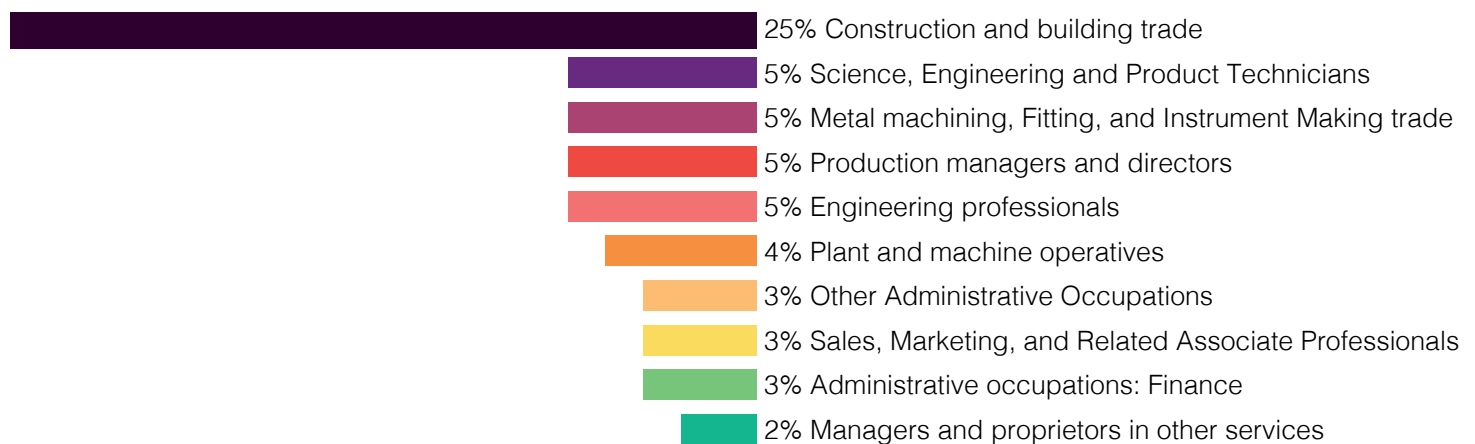
8% of advertised jobs in 2017-18 required a **bachelor's degree** and **0-2 years experience**.



## EMPLOYMENT AREAS



The main areas of employment within this sector are:



## AVERAGE HOURLY WAGE

Construction and building trade	£12.63
Science, Engineering and Product Technicians	£13.60
Metal machining, Fitting, and Instrument Making trade	£12.84
Production managers and directors	£19.92
Engineering professionals	£20.00
Plant and machine operatives	£9.39
Other Administrative Occupations	£10.08
Sales, Marketing, and Related Associate Professionals	£16.56
Administrative occupations: Finance	£11.20
Managers and proprietors in other services	£13.72



## SKILLS IN DEMAND

These soft skills are most commonly requested by employers:

COMMUNICATION

CREATIVITY

ORGANISATIONAL

COLLABORATION

PROBLEM SOLVING

The most requested skills specific to this sector are:

SPECIALIST	
Plumbing	Hydraulics
Mechanical engineering	Welding
Boilers	Preventative maintenance
BASELINE SKILLS	
Organisational skills	Detail orientated
Problem solving	Planning
Building effective relationships	Computer literacy
BUSINESS SKILLS	
Communication skills	Working to deadlines
Customer service	Multi tasking
English speaking	Self motivation



## EMPLOYERS

Employers with the most advertised vacancies over the past 12 months in the West of England:

- NHS
- Irving Mitchell
- Add Resource and Labour
- Nationwide Building Society
- University of Bath
- Virgin Media
- British Sky Broadcasting
- University of Bristol
- University of the West of England
- Jga Group Ltd
- Atkins
- Options Resourcing Ltd
- Remit Ltd
- SSe Plc
- Ats Euromaster
- Honeywell UK international
- Airbus Ltd
- BMS Performance Llp
- Babcock International

### Sources

- 1) Labour Insights - Data range 2017 / 2018
- 2) West of England LEP
- 3) EMSI - Burning Glass - Data range 2017 / 2018
- 4) Business West Skills Statements 2018

### Partners

