

Elevate Me Slough



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Employment in Slough 2015

Construction & the Built Environment

About the sector

The Construction sector covers a range of different activities, including house building, demolition, civil engineering (such as major infrastructure works), repair and maintenance work, specialised trades (such as painting and decorating, electrical and plumbing work) and architectural and surveying work.

One key issue facing the construction sector is that of environmental sustainability, with continued pressure to reduce the energy consumption of buildings and contribute to CO2 emissions targets. This is likely to increase demand for skills such as understanding the impacts of new building materials and assessing the energy efficiency of buildings, particularly in architectural and surveying occupations.

Employment

Employment levels in the construction sector are rising (nationally and locally). There are a number of significant construction projects set to start in Berkshire in the next few years.

These include:

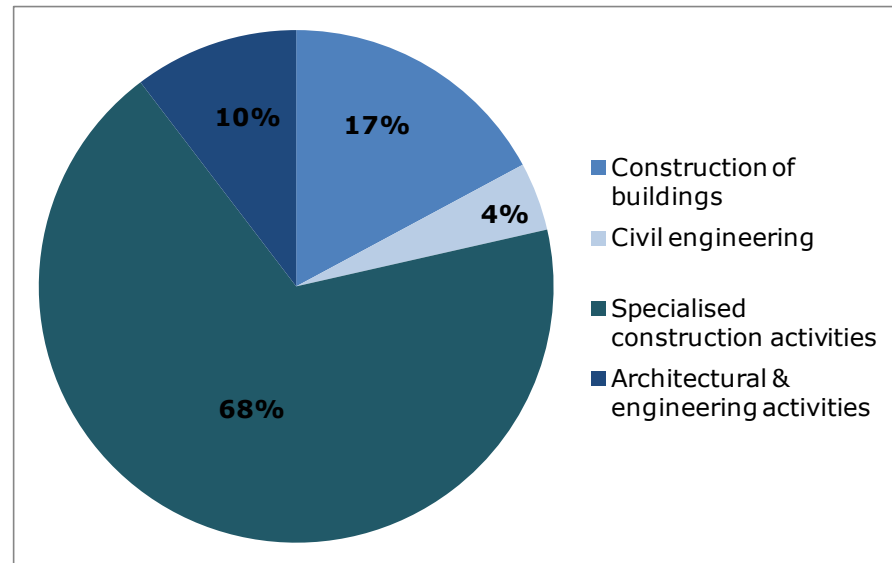
- New infrastructure (including road improvements, Slough, Bracknell, Maidenhead and Reading town centre regeneration and water pipeline repairs)
- New housing
- Rail improvements between London and the West of England

- The M4 Smart Motorway Scheme from Junction 3 to Junction 12

In 2015, there were around 3,100 employee jobs in the construction sector in Slough and 2,000 people working in the sector on a self-employed basis.

Between 2015 and 2020 forecasts suggest that employment in the construction sector in Slough will increase by approximately 9% equating to the creation of approximately 300 additional jobs. Given the scale of major construction projects in the pipeline, this number could be even higher.

Construction Jobs in Slough

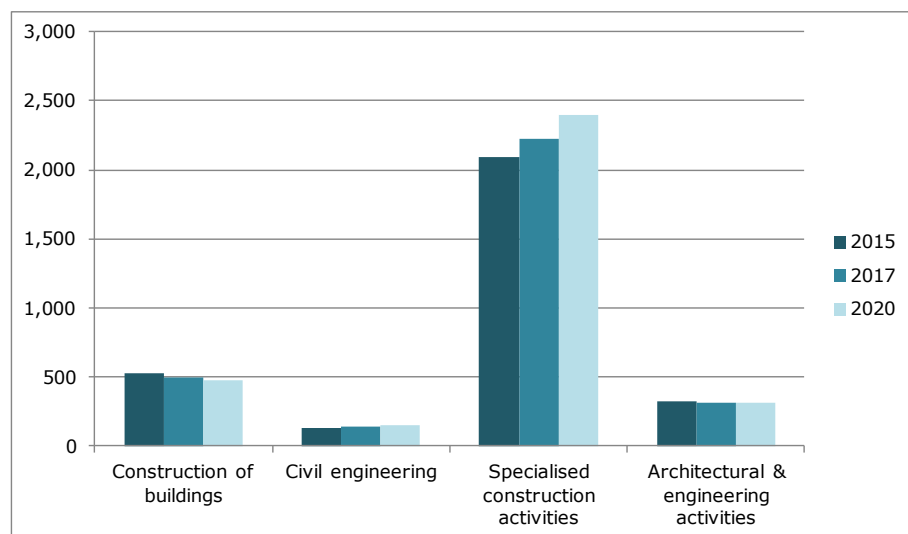


Major Local Employers

Key local construction companies include:

- Acorn Engineering Group Ltd
- Amey UK
- Balfour Beatty
- Fleetwood Architectural Aluminium Ltd
- JCK Ltd
- Michael Lonsdale Ltd
- SEGRO
- Target Site Services Ltd

Future Employment Growth



The vast majority of new jobs predicted to be created in the construction sector in Slough over the next five years are likely to be in the specialised construction activities sub-sector. This

includes demolition, site preparation, electrical / plumbing installation, painting / decorating and other finishing trades.

Future Occupational Growth

In addition to an increase in the overall number of jobs in the construction sector, there will also be vacancies created by people retiring and leaving the labour force. A total of around 900 vacancies are forecast in occupations that are commonly found in the construction sector as a result of retirements, and the table below provides details for a selection of these occupations.

Occupation	Qual Level	Jobs 2015 (& % growth 2015-2020)	Vacancies created through retirements 2015 - 2020
Electricians and electrical fitters	3	600 (8%)	150
Elementary construction occupations	2	260 (4%)	50
Production managers and directors in construction	3	220 (3%)	50
Electrical and electronic trades	3	250 (4%)	50
Engineering professionals	6	230 (2%)	40
Construction and building trades	3	200 (4%)	40
Construction operatives	2	180 (10%)	40
Construction project managers and related professionals	6	130 (6%)	40
Estimators, valuers and assessors	3	140 (7%)	40

'Qual level' is an indication of the typical level of qualification required to work in each occupation. Please refer to the [National Careers Services](#) website for a full explanation of each qualification level.

Occupations / Jobs Advertised

Between January and August 2015 there have been approximately 1,500 jobs advertised online in Slough in occupations commonly found in the construction sector. It should be noted that some of these vacancies will be with employers that don't operate within the construction sector, for example, design and development engineers are frequently employed in the manufacturing sector.

Occupation	Qual Level	Job Postings*
Electrical and electronic trades	3	210
Engineering professionals (including project engineers and electrical design engineers)	6	130
Design and development engineers	6	120
Estimators, valuers and assessors	3	120
Quantity surveyors	6	90
Electricians and electrical fitters	3	70
Plumbers and heating and ventilating engineers	3	70
Electrical engineers	6	60
Elementary construction occupations (including labourers etc)	2	60
Mechanical engineers	6	60
Production managers and directors in construction (including site managers)	3	60
Chartered surveyors (including building surveyors)	6	50
Civil engineers	6	40
Carpenters and joiners	3	40

* For vacancies posted online from 1st January to 10th August 2015.
Please click on links for further information about these occupations from the National Careers Service website.

The high numbers of vacancies being advertised suggests that a mix of buoyant demand and difficulties in finding suitably skilled people, which is leading to some vacancies being re-advertised.

The data suggests that most of the current vacancies being advertised online are for higher level engineering and surveying jobs.



Advertised Salaries

Based on information from local job advertisements posted online, the table below shows average salaries for those occupations related to construction that have been most frequently advertised online. Since the start of 2015, the majority of construction-related jobs advertised offered annual salaries ranging from £30,000 – £49,000.

Occupation	Average Salary Advertised
Electrical and electronic trades	£29,300
Engineering professionals	£35,600
Design and development engineers	£46,100
Estimators, valuers and assessors	£35,500
Quantity surveyors	£48,300
Electricians and electrical fitters	£32,200
Plumbers and heating and ventilating engineers	£31,700
Electrical engineers	£36,900
Elementary construction occupations	£22,700
Mechanical engineers	£43,900
Production managers and directors in construction	£42,400
Chartered surveyors	£37,500
Civil engineers	£39,800
Carpenters and joiners	£33,700



Sector related courses

Further Education Colleges and Universities in the Slough area offer a range of post-16 courses related to construction occupations. Below is a small selection of examples:

[Trowel Occupations NVQ Level 2](#)

[Carpentry & Joinery Diploma Level 2](#)

[Sustain Built Environment Certificate Level 2](#)

[Electrical Installation Diploma Level 3](#)

[Plumbing \(Heating & Ventilation\) Diploma Level 3](#)

[Construction/Engineering Access to HE Level 3](#)

[Construction BTEC Extended Diploma Level 3](#)

[Construction HNC Level 4](#)

[Building Services Engineering Foundation Degree](#)

[BSc Building Surveying](#)

[Civil Engineering BEng](#)

For further information on courses being offered in the area please use the following links:

Colleges

[East Berkshire College](#)

[Brooklands College](#)

[Uxbridge College](#)

[Bracknell and Wokingham](#)

[College](#)

[Refresh Skills Centre](#)

Universities

[University of Reading](#)

[Brunel University](#)

[University of West London](#)

Apprenticeships

There are also a wide range of **Apprenticeships** relating to this sector, which offer the opportunity to combine paid work with on the job learning towards formal qualifications. Below are some examples of relevant Apprenticeship frameworks that are available to study through local providers:

[Domestic Heating Apprenticeship Intermediate](#)

[Painting & Decorating Apprenticeship Intermediate](#)

[Electrotechnical Technology Apprenticeship](#)

[Site Carpentry Apprenticeship Advanced](#)

[Brickwork Apprenticeship Advanced](#)

[Sustain Built Environment Higher Apprenticeship](#)



Skills in Demand

Data from recently advertised jobs in construction-related occupations suggests that the following skills are sought by employers in this sector. This list provides examples of the sorts of skills required to work in the sector in some of the most commonly advertised vacancies, but is no means exhaustive.

- Repair
- Inspection
- Computer Aided Draughting / Design (CAD)
- Electrical Engineering
- Heating, Ventilation and Air Conditioning (HVAC)
- Electrical Work
- Contract Management
- Telecommunications
- Construction Industry Knowledge
- Wiring
- Estimating
- Electrical Design
- Civil Engineering
- Plumbing
- Workplace Health and Safety

Employability Skills

Employers are increasingly looking for skills that go beyond qualifications and experience when recruiting new employees. While education may enhance your eligibility for a job, today's workplaces require a varied mix of employability skills. These skills can be applied in any job in any sector, and include:

- Communication
- Self-management
- Thinking and solving problems
- Working together
- Understanding the business
- Using numbers effectively
- Using language effectively
- Using IT effectively

Data Sources

1. Employment figures and forecasts have been produced using the EMSI Analyst tool which used Office for National Statistics data from the Annual Population Survey 2014 and the Business Register and Employment Survey 2013.
2. Real time vacancy data is sourced from Labour Insight (Burning Glass Technologies), and is based on vacancies posted online between 1st January and 10th August 2015.
3. Information on post-16 learning opportunities are from local providers' own websites.

Access to locally-informed and easy-to understand labour market intelligence is a key component of providing good quality careers information to young people, to assist them in making choices about what to do when they reach the end of their compulsory schooling. This series of sector-based reports brings together a range of employment and jobs data about the local economy, and is aimed at providing a resource to support all employability and careers professionals working in the Slough area.

Employment in Slough 2015 aims to help individuals by giving them locally targeted information about the likely levels of demand for different types of work, common skills requirements and sources of learning to pursue qualifications relevant to each sector. Hopefully these reports will help people make better informed choices relating to work and learning, that will enable them to secure the careers they want within a growing and diverse economy.

For further information or support, contact **Elevate Me Slough**

Email: elevate@slough.gov.uk

Website: <http://slough.elevateme.org.uk/contact.htm>

Tel: 01753 875510 (Slough Young People's Service)

or

Employment & Learning Advice Service (Slough Borough Council)

Email: ela@slough.gov.uk

Website: www.slough.gov.uk/jobs/employment-and-learning-advice.aspx

Tel: 01753 476622 or 01753 476611

This profile was prepared by

Crews Associates

The logo for Crews Associates features the word "Crews" in a bold, green, sans-serif font, with "Associates" in a lighter green, sans-serif font below it. The text is set against a background of concentric green circles that create a ripple effect.

on behalf of

Slough Council



supported by **Thames Valley Berkshire LEP**



and

Slough Elevate Me City Deal Project

