

# National Roadmap for Upskilling to deliver our Climate Targets in the Built Environment

By 2030 'BUSINESS AS USUAL' will require:



**c.120,000**

**additional**

skilled Construction Industry Workers



**c.164,000**

construction workers & building professionals  
**upskilled**

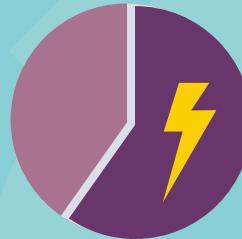


**c.26,000**

current student population to be  
**upskilled**

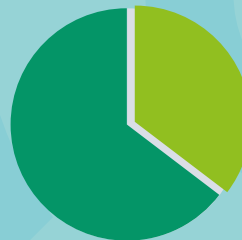
## CHALLENGES:

**10 x more**  
students opt for degree courses **over crafts**  
apprenticeships (2021 - 2023)



**Over 60%** of crafts  
apprenticeships are  
**electricians**

**Low intake of students**  
in Construction & Engineering courses



Electrical, Structural, Civil,  
Energy Engineers &  
Quantity Surveyors:  
**Shortfall**  
**30%-40%\***

\*From Baseline Education + Workforce figures June 2023

## Possible SOLUTIONS:

**Diversity**

**Collaboration**

Promote multi-disciplinary education  
and working

**Improved  
career guidance**

**Career and education  
progression pathways**



**Specialist Registers**

e.g. Accredited Renovation Advisers

**Off-Site Technologies**

**Recognition of Prior Learning  
& Life Long Learning**



All stats refer to delivery of Housing, Commercial and Public buildings (New & Retrofit)



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