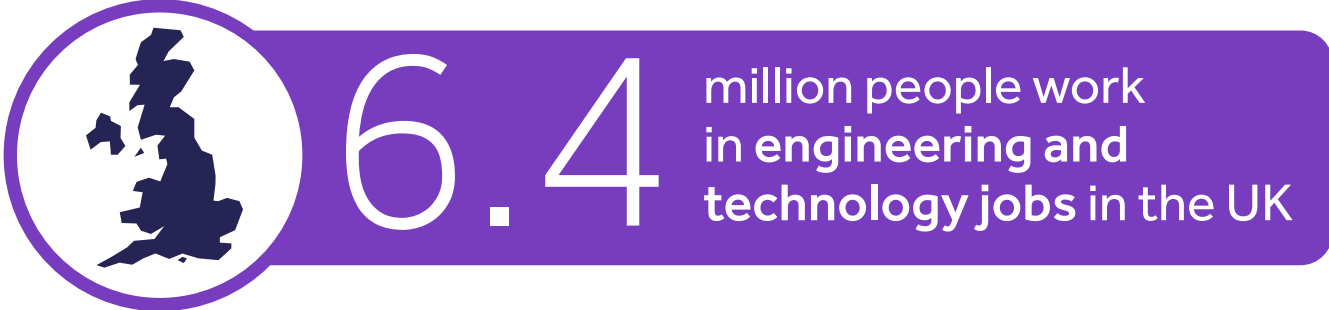


# Transition to net zero



25% of all job adverts are for engineering and technology roles

In the past 5 years:

**48%** ↗

increase in job adverts mentioning 'green skills'

**55%** ↗

increase in job adverts for 'green engineering jobs'



Up to **725K** new jobs are needed to support the transition to net zero

**77%**



of **students** agreed that The Big Bang Fair had shown them solutions to environmental problems.

**71%**



of **students** said that Energy Quest had taught them about the role engineers play in developing technologies for renewable energy sources



**92%**

of teachers said engineering would be important or very important in the UK achieving net zero by 2050

[www.eukeducation.org.uk/references](http://www.eukeducation.org.uk/references)

Projected new jobs in net zero workforce

## Transportation



|                                 |         |
|---------------------------------|---------|
| Aviation                        | 10,350  |
| Electric vehicles and batteries | 90,000  |
| Rail                            | 12,000  |
| Energy and power                |         |
| Energy (all)                    | 260,000 |
| Biomass and bioenergy           | 15,000  |
| EV charging points              | 4,900   |
| Hydrogen                        | 28,000  |
| Solar PV                        | 26,250  |
| Wind (offshore)                 | 104,400 |
| Wind (onshore)                  | 27,000  |

## Buildings



|                                          |         |
|------------------------------------------|---------|
| Retrofit                                 | 250,000 |
| Industry                                 |         |
| Industrial decarbonisation               | 353,000 |
| CCUS (Carbon Capture, Usage and Storage) | 70,000  |

## Waste



|                   |        |
|-------------------|--------|
| Waste & recycling | 14,800 |
|-------------------|--------|

Engineering and technology is fundamental in providing solutions to climate change and achieving net zero. Demand for 'green skills' is increasing, with up to 725,000 new jobs needed to support the UK's transition to net zero across a wide range of sectors.

Young people's interest in the environment



Girls

Climate change **47%**  
Biodiversity loss **37%**  
Sustainable fashion **21%**

Climate change **38%**  
Biodiversity loss **24%**  
Transport that has less impact on the environment **21%**



Boys

**35%**

of young people are interested in a career that will help reduce the impact of climate change

**64%**

of young people are interested in climate change issues

What are the top 3 environmental topics young people are interested in?

**31%**  
biodiversity loss

**42%**  
climate change

**22%**  
air pollution

\*New jobs projections are indicative numbers from over 20 pieces of original research and analysis. As such, projection methodology and dates will differ.