Transition to net zero

6.3 million people work in **engineering and technology jobs** in the UK

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

Projected new jobs in net zero workforce

Transportation	
Aviation	10,350
Electric vehicles and batteries	90,000
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)	55,000
Wind (onshore)	4,000
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%

Boys

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

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.

EUK EDUCATION