Apprenticeships
Doing your bit

EngineeringUK
INSPIRING FUTURES TOGETHER
Growing needs for engineering and technology skills

❖ 19% of all jobs in the UK are within engineering and technology occupations, 25% of all job postings recorded in the UK over 2021-22

❖ Estimates of need
  - National Grid: 400,000 roles will be needed in the sector, 260,000 of which will be new by 2050.
  - Idric/ Mace/ University of Chester: by 2050, a workforce of c. 350,000 additional people across the three stages of preconstruction, construction, and operation will be needed – 72% of those at technician level
Apprenticeships data to date

**Apprenticeship starts by engineering-related subjects**

- **Construction, Planning and the Built Environment**
- **Engineering and Manufacturing Technologies**
- **Information and Communication Technology**

![Graph showing apprenticeship starts by engineering-related subjects from 2016/17 to 2022/23]
Diversity in apprenticeships

**Age** - In 2016/17, 39.2% of starts in engineering-related courses were 16 to 18, which had dropped to 34.7% in 2021/22.

**Socio-economic background** - 18.6% of apprenticeship starts were from the most deprived group in 2021/2022, down from 21.2% in 2016/17.
Careers resources

- Booklets
- Leaflets
- Online quiz
- Posters
- Postcards
- Presentations

EngineeringUK
Case studies

**VOCATIONAL**

**Solving problems at sea**
Susie shares how apprenticeships can help give on-the-job experience, solving problems to save lives at sea.

**VOCATIONAL**

**Finding your passions**
Alicia wasn’t sure what she wanted to do, but an apprenticeship at the RNLI helped her find her passion building a lifeboat station!

**VOCATIONAL**

**Saving lives - sustainably!**
Anna and Lucy are working with everyone at the RNLI to upcycle life jackets and help save lives at sea, sustainably.
Beatrice Barleon
Head of Policy and Public Affairs
Email: bbarleon@engineeringuk.com