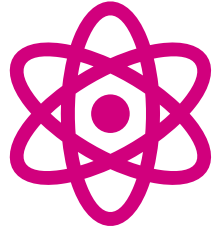
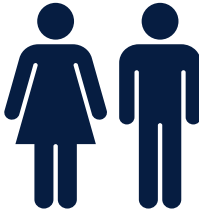
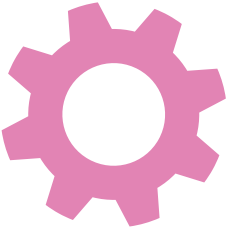


The state of engineering

Key facts 2017



Engineering drives the economy



£486 billion
contributed by
engineering
to UK GDP



7% rise
(to 651,080)
in the number of UK
engineering enterprises



5.7 million
employees in UK registered
engineering enterprises
19%
of total UK employment

It's vital we improve the supply of engineers

Skills gap:
15 of 32
occupations
open for skilled
immigration to fill
UK shortages are
in engineering

**Future
forecast:**
186,000
people with
engineering skills
needed annually
through to 2024

Positive perceptions of engineering



51%

Increasing rates of 11-16 year olds would consider a career in engineering



of teachers would recommend a career in engineering to their pupils

A growing pipeline



5%

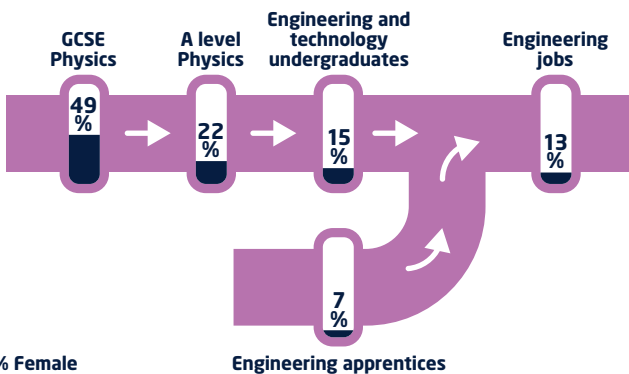
growth in HE engineering applicants in 2015/16

108,000

engineering apprenticeship starts (England), the highest for ten years

But we still need more gender diversity

Gender gap in the engineering pipeline



● % Female

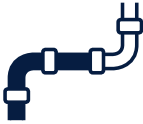
Engineering apprentices



What's key

To maintain the economic and social contributions of engineering, we must address the shortfall of engineers

1



Increasing the supply pipeline of engineers from education

2



Increasing diversity

3



Increasing the supply of skills through the workforce

4



Maintaining the international dimension

5



Industrial strategy

For more information on the state of engineering in 2017 visit www.engineeringuk.com/research

 @_EngineeringUK #EngUK17