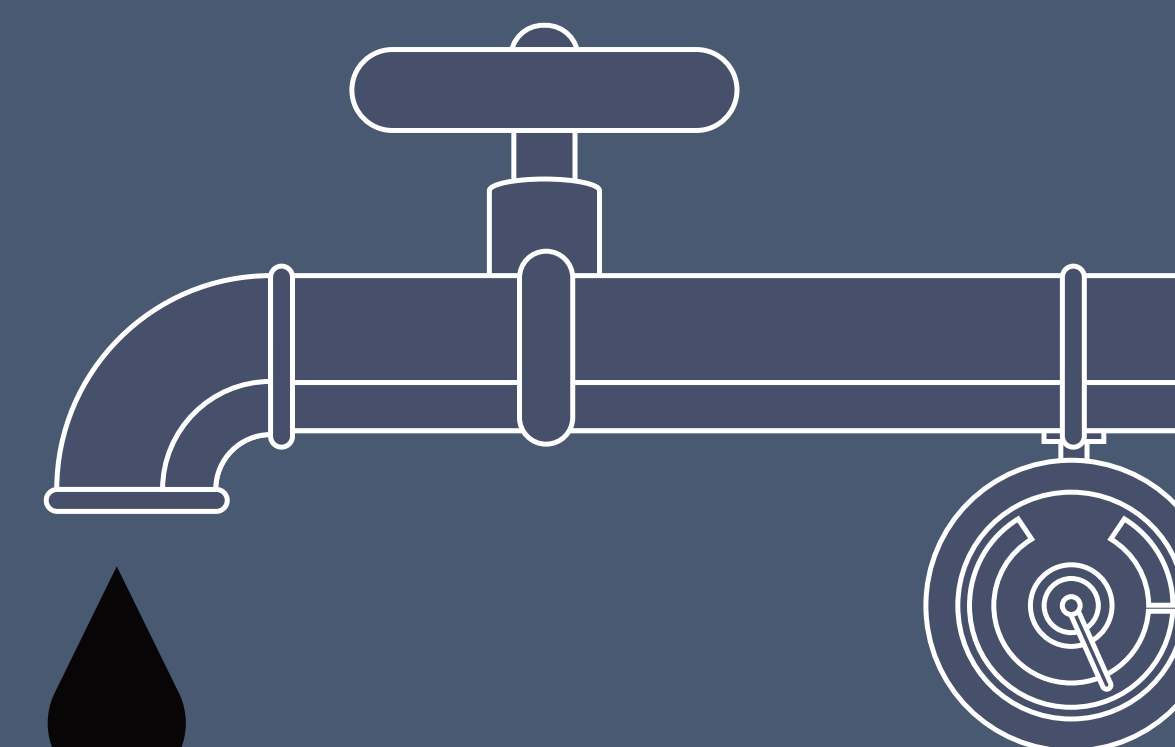


QUEST FOR MORE TALENT

Engineering is facing significant shortfalls in suitable graduates and technicians entering the workforce, so more work is needed to fight the talent drain with the problem set to intensify in years to come

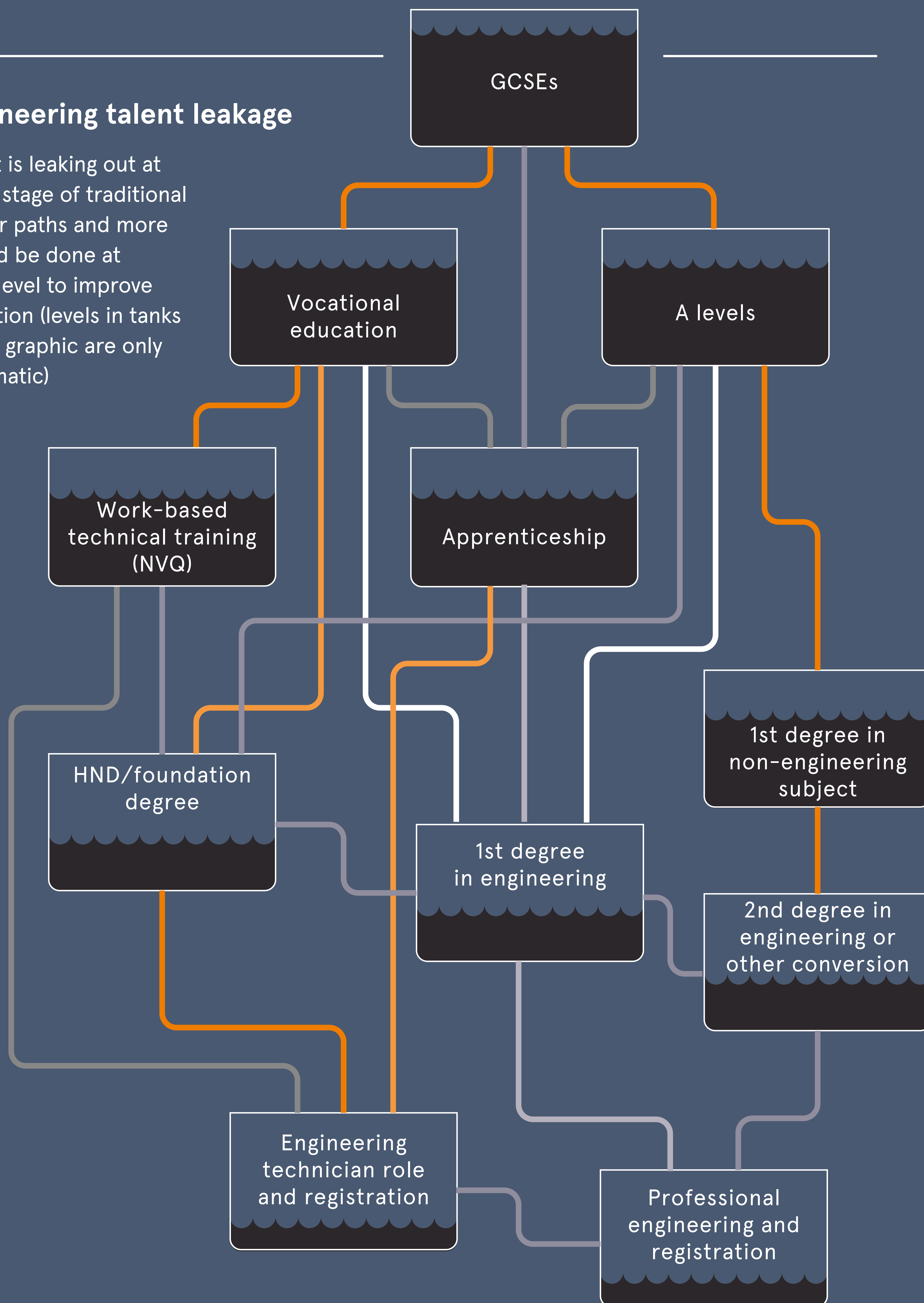


61%

of engineering businesses are not confident there will be enough people with the qualifications to fill their high-skilled job vacancies
EngineeringUK 2018

Engineering talent leakage

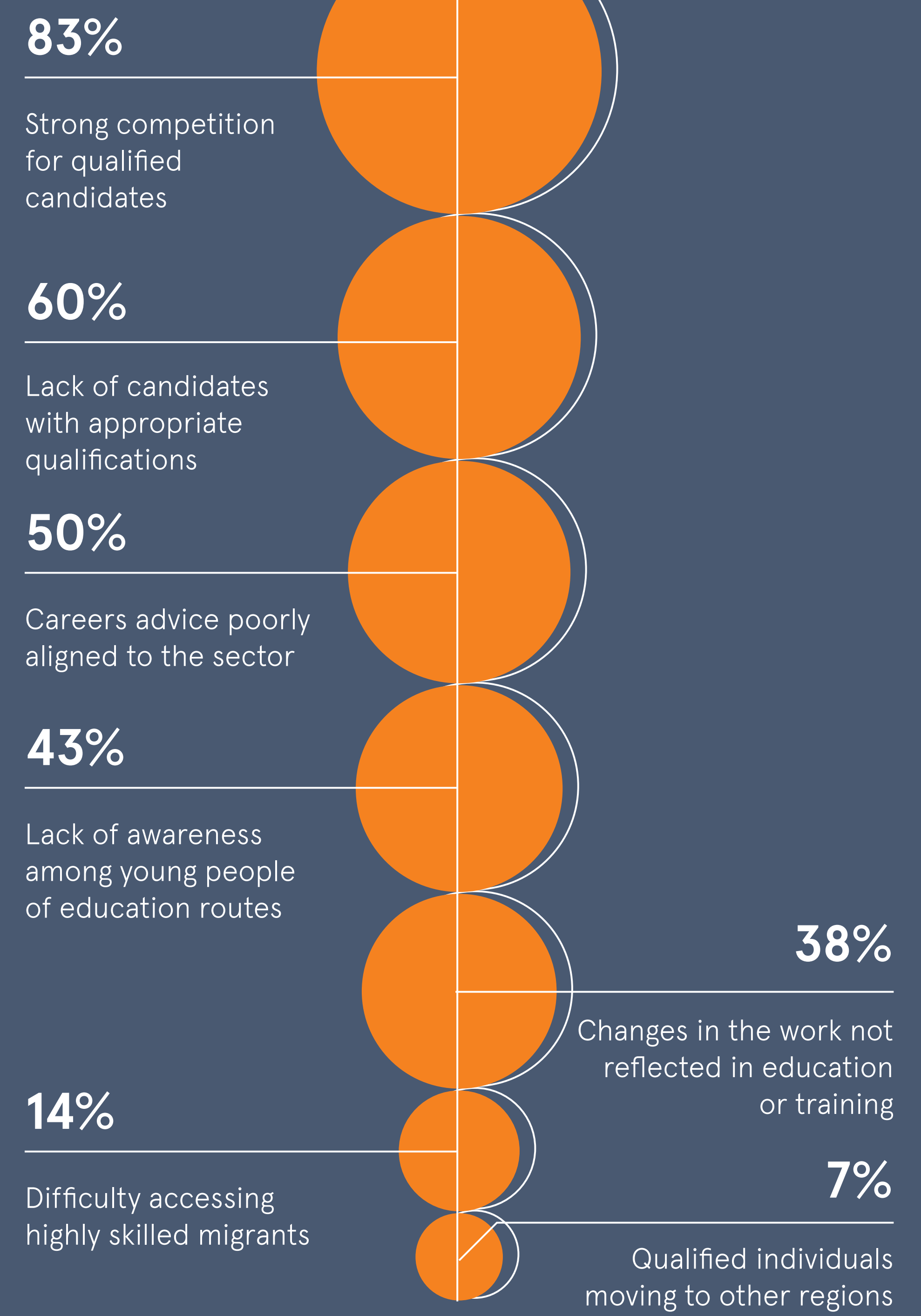
Talent is leaking out at every stage of traditional career paths and more should be done at each level to improve retention (levels in tanks in the graphic are only schematic)



John Perkins/Department for Business, Innovation and Skills 2013

Main drivers of skills gaps

Reported by employers in the engineering, science and technology sectors



CBI/Pearson 2017

203k

people with at least Level-3 engineering skills will be needed every year to meet demand through to 2024

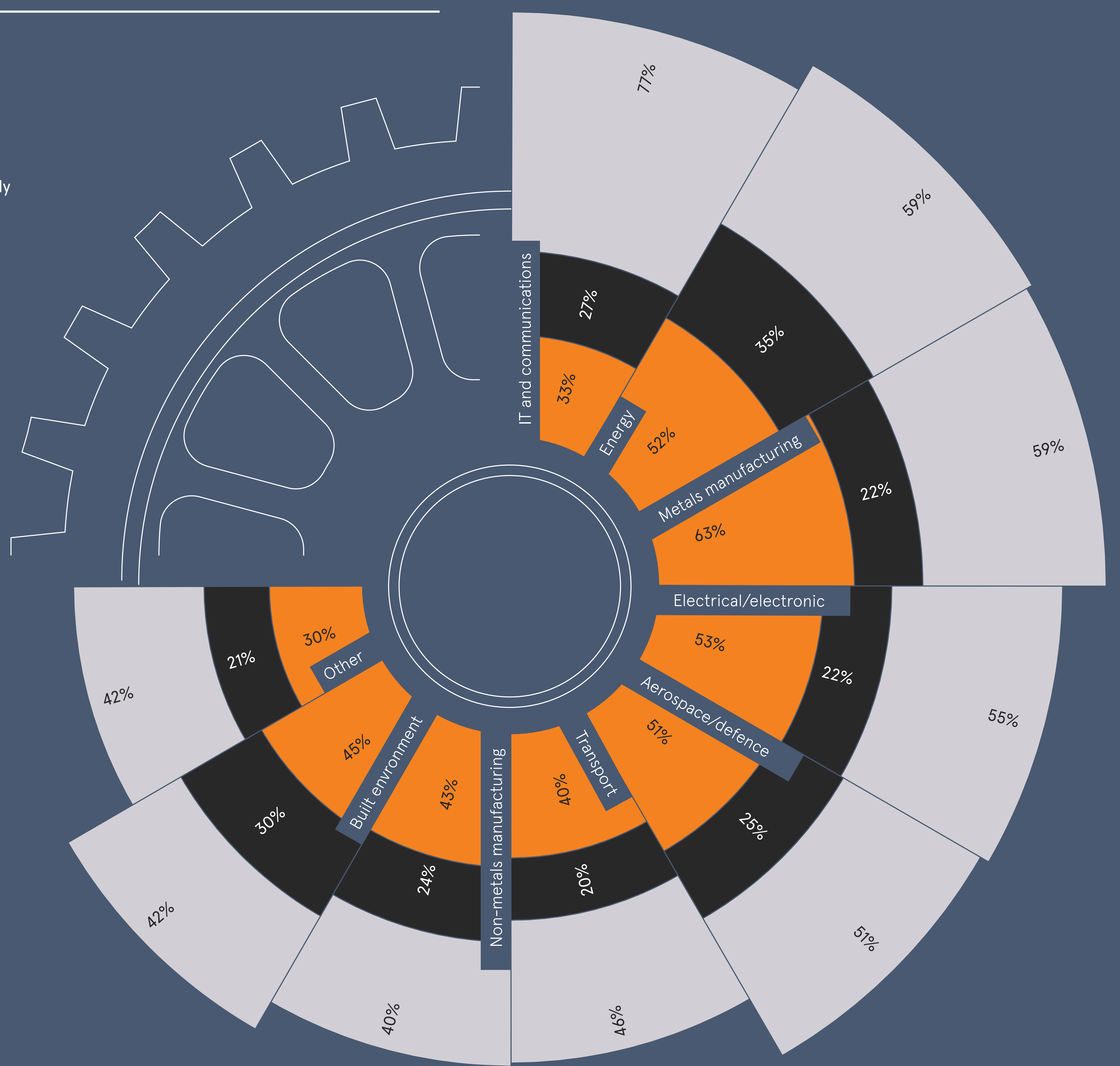
EngineeringUK 2018

Engineering sub-sectors in need of more staff

- ◆ Those reporting skills shortages externally
- ◆ Reporting skills shortages internally
- ◆ Expecting an increase in staff over the next three years

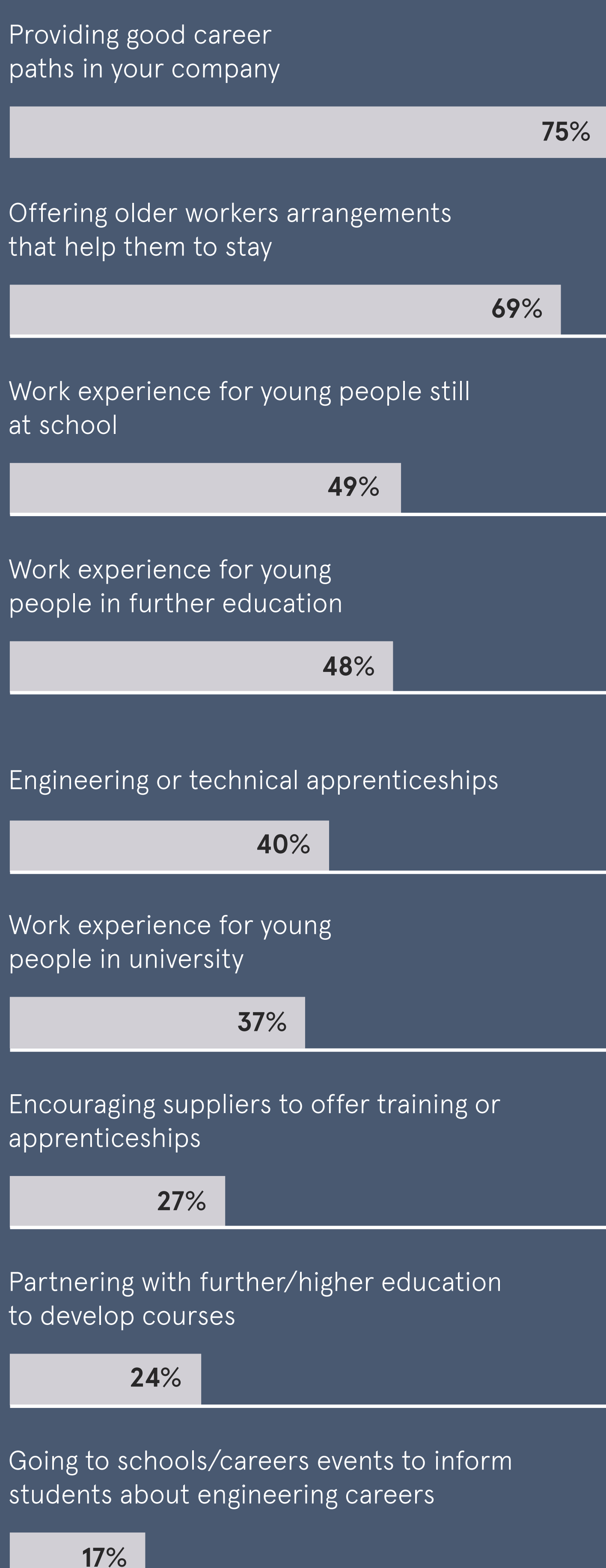
59k

annual shortfall of engineering graduates and technicians to fill core engineering roles
EngineeringUK 2018



IET 2017

What engineering companies are doing to increase the skills supply

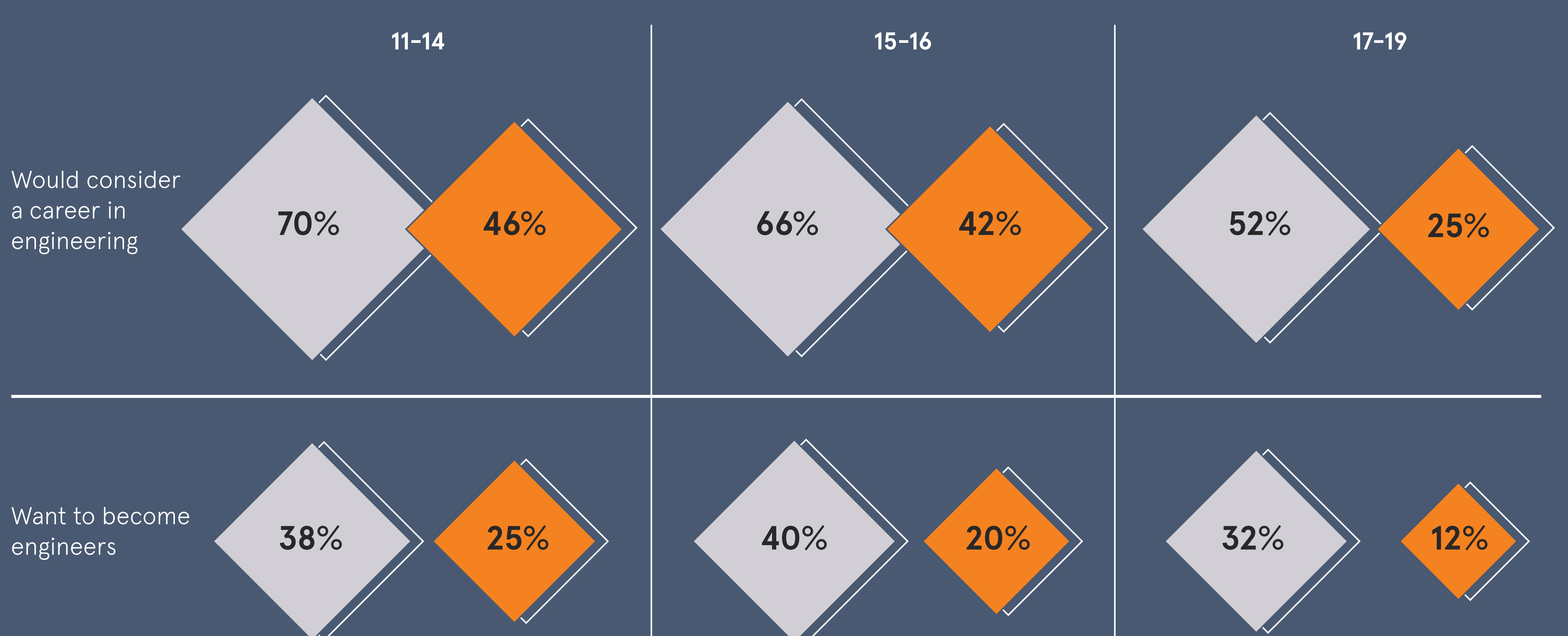


IET 2017

Students lose interest as they get older

Proportion of students who would consider/want a career in engineering

- ◆ Male
- ◆ Female



EngineeringUK 2018