



Technical Selection

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2018 - the year to celebrate UK Engineering

It may be long overdue (Engineering UK estimates we may need 186,000 new engineers each year until 2024 to work on a wealth of new projects) but at last the Government is addressing the sector's challenges. The challenge - to inspire a whole generation of young people. If your company has not yet signed up to be involved - visit the official [website](#) to see how to be a partner. Don't get left behind!

Warm regards

The Team at ETS

Year of Engineering is 'opportunity to inspire'

A campaign to transform how young people see engineering has launched this month. [Read more here.](#)

4.5% Rise in Global Spending on IT in 2018

According to Gartner Research, global spending on information technology is estimated to reach a whopping \$3.7 trillion in 2018 as companies look to unlock the potential in upcoming areas such as

Survey: Average Salaries

January 2018

Sales Engineer

£37,500

no change over last month

2% over last month

Project Engineer

£41,570

IT Helpdesk

£17,000

26% over last month

Graduate Engineer

£32,500

12% over last month

Design Engineer

£42,500

no change over last month

source: totaljobs

blockchain, AI (artificial intelligence), and IoT (Internet of Things).

[Find out more](#)



Shale gas ruled one of the least sustainable options for power

SHALE gas is one of the least sustainable options for producing electricity, according to a new study from chemical engineers at the University of Manchester, UK. While previous studies have judged shale gas solely on environmental criteria, this is the first to also take into account social and economic aspects. [Read more](#)

Underrated scientific breakthroughs of 2017

This report highlights some of the advances made in various scientific fields in 2017 that will likely have a major impact in 2018 and beyond including the world's first digital drug, floating wind farms, plant-based meat and the collision of neutron stars.

[Find out more](#)

'Engineering Today: The Supply and Demand for Engineers in the UK'

Here are some key findings from the latest report -

In 2016, the average engineer's income exceeded £42,000, 49% higher than the average earnings in the UK.

Engineering graduates earned £5,000 more than the average salary for graduates.

By 2026, more than 91,000 engineers, or nearly 20% of the workforce, will have retired or be close to retiring.

[Read the full report](#)

Free Video Tips

Thinking of hiring a recruitment agency? Watch our free video with the essential tips to ask before engaging one.

[View now](#)

News In Brief

Engineering giants pledge to attract more diverse staff in a letter to The Daily Telegraph : "we must address a lack of diversity in a workforce that is currently 92pc male and 94pc white". [Read more](#)

Boris Johnson has proposed building a bridge across the English Channel to connect England and France, to complement the rail tunnel that opened in 1994. Is this even feasible? Here is an engineering expert's view. [Read more](#)

**SMEs may be worst affected by
Brexit, research suggests**

Small and medium-sized businesses may be worst affected when the UK leaves the EU, new research suggests. The study by academics at the University of St Andrews draws on information gleaned from a UK government attitude survey of about 10,000 firms.

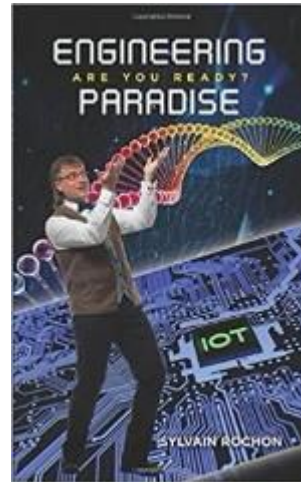
The study suggests that in terms of its perceived impact, Brexit is likely to result in lower levels of capital investment, reduced access to external finance, lower levels of growth, reduced product development and lower levels of business internationalization.

[Read more](#)

Book Corner

Engineering Paradise Are You Ready?

AI, automation, gene editing, 3D printing, nanotechnology, quantum computing—technology is all around us. But are you ready to take advantage of them? This book will help your company adapt to the technological revolution.



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