

# News story: Engineering in the spotlight for 2018 as government launches campaign to inspire the next generation

Schoolchildren meeting engineers at an Inspiring the Future event organised by Year of Engineering partner Education and Employers.

A pioneering campaign to transform the way young people see engineering and boost numbers entering the profession has been launched today (15 January 2018).

Ministers from across government are joining forces with engineers, industry experts and hundreds of businesses to change perceptions around engineering – and highlight the scale of opportunity that careers in the industry hold for young people in the UK.

2018 is officially the [Year of Engineering](#) and will see a national drive in all corners of the country to inspire the young people who will shape our future.

Engineering is one of the most productive sectors in the UK, but a shortfall of 20,000 engineering graduates every year is damaging growth. There is also widespread misunderstanding of engineering among young people and their parents and a lack of diversity in the sector – the workforce is 91% male and 94% white.

## [Year of Engineering](#)

The new campaign is aimed at filling those gaps and changing misconceptions, and will see government and around 1,000 partners deliver a million inspiring experiences of engineering for young people, parents and teachers.

Activities will include:

- a Siemens See Women roadshow aimed at inspiring women, including more black, Asian and minority ethnic girls, into pursuing STEM careers
- a brand new children's book on engineering from Usborne
- the Science Museum and London Transport Museum will be capturing children's imaginations with interactive exhibitions
- schools will get the chance to go behind the scenes at Airbus to meet engineers working on the Mars Rover
- Thales in the UK will be inspiring inventors of the future with robot clubs in primary schools
- Sir James Dyson, through the Dyson Institute, the James Dyson Foundation and the James Dyson Award, will continue to invest in inspiring young engineers by providing opportunities to apply engineering principles to

projects that solve real world problems

Secretary of State for Transport Chris Grayling said:

Engineers – whether they are working on cutting-edge technology in aerospace, energy or artificial intelligence – are vital to the lifeblood of our economy.

We want to show young people and their parents the immense creativity, opportunity and value of the profession. By bringing them face to face with engineering role models and achievements we can send a clear message that engineering careers are a chance for all young people, regardless of gender, ethnicity or social background, to shape the future of this country and have a real impact on the lives of those around them.

Skills Minister, Anne Milton said:

I want to see everyone whatever their background, wherever they live to have a chance to get a rewarding career or job in engineering whether they come via a technical or academic route.

The Year of Engineering gives us a great opportunity to work together with business to inspire a new generation of world class engineers. We want to build the science, technology, engineering and mathematics skills that we need for a growing economy, as highlighted in the government's Industrial Strategy.

Crossrail Chair Sir Terry Morgan said:

The Year of Engineering will be a fantastic opportunity to inspire others to take a fresh look at engineering and show the range of opportunities there are for training and jobs in this sector. We look forward to showcasing the role engineers have played in creating such an amazing project before the Elizabeth line opens to passengers at the end of 2018.

Mark Richardson, Ocado Chief Operating Officer, said:

Encouraging more young people to enter the engineering profession is essential to ensure the growth and development of new technologies and businesses in the UK. At Ocado we build the world's most advanced automated warehouses for online grocery, and we hope our involvement in this campaign will offer young people from diverse backgrounds a real insight into the exciting and rewarding life of an engineer.

All week, engineers, businesses, schools and universities will be marking the launch of the campaign by celebrating the positive impact of engineering. Events include:

- students in Bolton using engineering to tackle real life challenges for people with disabilities with charity Remap
- pupils at a London school taking on a cybersecurity competition
- engineers, STEM ambassadors and schoolchildren will gather for the unveiling of Tim Peake's spacecraft at the National Railway Museum in York
- Ocado in Birmingham will give schoolchildren the chance to see robots in action

To find out more about the Year of Engineering:

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## **[Press release: Prime Minister Theresa May's Thai Pongal message](#)**

[Watch the PM's message.](#)

As Thai Pongal begins, Tamil families here in the UK and around the world are coming together to celebrate. It's a time to cast out the old and embrace opportunities to come. A time to give thanks not just for the harvest, but also for friends, family and neighbours.

And it's also a great opportunity for all of us to reflect on the contribution made by Britain's Tamils. Your community punches well above its weight, making a real difference to countless lives right across the country.

I want this to be a country where everyone, regardless of their background, can play their part and achieve their ambitions. Our Tamil community is a fantastic example of what that looks like, helping make Britain the diverse, successful country we are all so proud of.

So to everyone celebrating today and in the days to come, let me wish you all a happy Thai Pongal, and an auspicious year ahead.

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## **[Press release: Immigration minister](#)**

# signs data sharing agreements with India on criminal records and returns

Two documents, known as memorandums of understanding (MOUs), were initialled by Minister of Immigration Caroline Nokes and Indian Minister of State for Home Affairs Kiren Rijiju on Thursday (January 11).

The new two-way deals reflect increased co-operation between the 2 countries which already enjoy a close relationship.

The MOU on criminal records exchange will lead to British and Indian law enforcement bodies sharing criminal records information, fingerprints and intelligence. This will assist the police in protecting the public from known criminals, including sex offenders. It will also allow the courts in both countries to access more information to support tougher sentencing decisions.

Meanwhile the agreement on returns paves the way for a quicker and more efficient process for documenting and returning Indian nationals who have no right to be in the UK to India. This has proven difficult in the past due to some Indians not having the required paperwork or travel documentation for them to be accepted back in their home country.

This agreement commits both countries to taking a more flexible approach to verifying the identity and nationality of individuals, which will help speed up the returns process.

Ms Nokes said:

I was very pleased to welcome the Indian Home Affairs Minister to the UK. The agreements we've signed cover the important issues of returns and criminal records exchanges to the mutual benefit of both countries. The Minister's visit forms part of our ongoing dialogue and demonstrates the strong and positive relationship between our 2 nations.

As my predecessor in this role noted during his visit to India last November, we are determined to create a 'living bridge' of people, ideas, institutions and technology between our 2 great countries. These new agreements are yet another example of the value we place on our strong partnership.

Details of the types of information exchanged through the MOUs and operational procedures, together with the details of any restrictions on using or disclosing the information will be the subject of further negotiations. However, the documents recognise the need to respect privacy, civil liberties and human rights.

Mr Rijiju was visiting London at the invitation of Ms Nokes' predecessor, the

Rt Hon Brandon Lewis, following their successful meeting in India in November 2017.

In addition to formalising the 2 agreements, Mr Rijiju also visited Heathrow Airport to see first-hand how Border Force uses technology such as biometrics and e-passport gates.

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## [Press release: Government supports new measures to improve the safety of tenants](#)

Secretary of State for Housing Sajid Javid today (14 January) confirmed government support for new legislation that will help ensure rented homes are safe and give tenants the right to take legal action when landlords fail in their duties.

The government has already introduced a range of powers for local authorities enabling them to crack down on the minority of landlords who rent out unsafe or substandard accommodation. This includes being able to fine failing landlords up to £30,000 and from April this year councils will also be able to issue banning orders to kick the worst offenders out of the business.

However public safety is paramount which is why government will support further measures proposed by Karen Buck MP in a Private Members Bill to protect tenants in both the social and private rented sectors.

This will give them another route to take direction action and take their landlords to court if they don't ensure their property is fit for human habitation at the beginning of the tenancy and throughout.

Housing Secretary Sajid Javid said:

Everyone deserves a decent and safe place to live. Councils already have wide-ranging powers to crack down on the minority of landlords who rent out unsafe and substandard accommodation.

However, public safety is paramount and I am determined to do everything possible to protect tenants. That is why government will support new legislation that requires all landlords to ensure properties are safe and give tenants the right to take legal action if landlords fail in their duties.

Government has worked with Karen Buck MP to draft and publish the Private Members Bill on Homes (Fitness for Human Habitation and Liability of Housing

Standards).

The Bill ensures:

- that all landlords (both social and private sector) must ensure that their property is fit for human habitation at the beginning of the tenancy and throughout and
- where a landlord fails to do so, the tenant has the right to take legal action in the courts for breach of contract on the grounds that the property is unfit for human habitation

Local authority powers to deal with landlords who rent out unsafe or substandard accommodation:

The Housing Health and Safety Rating System – which was introduced by the Housing Act 2004 – is already used by local authorities to assess whether a property contains potentially serious risks to the health and safety of the occupants.

Where a property does contain hazards, local authorities have strong powers under the Housing Act 2004 to require that landlords make necessary improvements to a property. Where a property contains potentially serious risks to the health and safety of the occupants, the local authority must take appropriate action requiring the landlord to reduce or remove the risk.

Government has brought forward a whole suite of measures to make sure local authorities effectively tackle rogue landlords who let unfit properties, including:

- introducing, in April 2017, civil penalties up to £30,000, with the local authority able to keep the proceeds to fund enforcement
- extension of Rent Repayment Orders to cover illegal eviction, breach of a banning order or failure to comply with certain statutory notices (introduced April 2017)
- £12 million made available (2011-16) to a range of local authorities with acute problems with rogue landlords, resulting in the inspection of over 70,000 properties and more than 5,000 landlords facing further action or prosecution for breaking the law
- enabling the local authority to introduce a selective licensing scheme allowing it to target enforcement action where private rented housing in a particular area is suffering from or causing specific problems
- consulted on extending mandatory licensing of houses in multiple occupation, and following this will shortly be laying regulations

And we've got plans to introduce in April 2018:

- a database of rogue landlords and property agents convicted of certain offences
- banning orders for the most serious and prolific offenders

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## [Press release: Independent review to tackle barriers to building](#)

A vital independent review into understanding why hundreds of thousands of homes haven't been built, despite having planning permission, is underway as a panel of experts is today (14 January) unveiled by the Ministry of Housing, Communities and Local Government.

Originally announced at Autumn Budget, the review, led by Sir Oliver Letwin will look to explain the gap between the number of planning permissions being granted against those built in areas of high demand.

Currently, after planning permission is granted a variety of factors can prevent development from starting and slow down delivery and the review wants to determine why.

As of July 2016, just over half the 684,000 homes with planning permission had been completed.

The review will make recommendations on practical steps to increase the speed of build out. Latest evidence shows that residential planning applications are up and that time to process major applications continues to be at a record high.

Sir Oliver Letwin, Chairman of the Review Panel, said:

This Government is serious about finding ways to increase the speed of build out as well as tackling the complicated issues surrounding it.

That's why we have set up this diverse panel to help me test my analysis and to make practical, non-partisan recommendations, as we look to increase housing supply that's consistent with a stable UK housing market.

Housing Secretary Sajid Javid said:

We are determined to build the homes this country needs, but currently there is still a significant gap between the number of planning permissions being granted and the number of homes built.

This review is vital to helping us understand how we can build more homes quickly.

All parties have a role to play in closing the gap and I look

forward to receiving Sir Oliver's findings.

The review will be conducted in two phases:

Phase 1 – currently under way – will seek to identify the main causes of the gap by reviewing large housing sites where planning permission has already been granted. This will include information-gathering sessions with local authorities, developers, non-Government organisations and others. Early findings will be published in the interim report.

Phase 2 will make recommendations on practical steps to increase the speed of build out, which will be published in the full report.

The review will also consider how to avoid interventions which might discourage house building or hinder the regeneration of complex sites.

Sir Oliver will be assisted by a team of leading experts:

- Richard Ehrman – Small commercial property developer, author and journalist
- Lord Jitesh Gadhia – (Conservative) Peer and investment banker
- Lord John Hutton – (Labour) Peer and former Secretary of State
- Rt Hon Baroness Usha Prashar CBE – (Crossbench) Peer, currently Deputy Chairman British Council and a non-Executive Director of nationwide Building Society
- Professor Christine Whitehead – Emeritus Professor of Housing Economics at London School of Economics
- The Terms of Reference have been made available on the [Ministry of Housing, Communities and Local Government's website](#)
- The Housing White Paper set out how all parties in the development process need to play their part in speeding up the delivery of much-needed new homes. It set out a wide ranging approach to driving up build out of planning permissions
- The government is already taking the following the steps to tackle this issue:
  - Tackling unnecessary delays caused by too many planning conditions
  - Streamlining the approach to conserving the habitat of protected species
  - Simplifying developer contributions
  - Ensuring greater transparency in planning permissions around the pace of delivery
  - Taking an applicants track record into account when considering whether to grant a permission
  - Speeding up and simplifying Compulsory Purchase Orders