

Press release: UK aid protects thousands from extreme weather as 'mega storms' tracked across Africa

British research has found that mega storms are three times more common than they were 35 years ago due to climate change.

News story: Round 3 GovTech Catalyst challenges announced today

The third round of GovTech Catalyst challenges were announced today. The GovTech Catalyst is the £20 million fund set up to help private sector innovators tackle public sector problems.

At the Government ICT conference today, Minister for Implementation Oliver Dowden announced the next 5 successful challenges from public sector organisations to get funding.

These challenges are:

1. How will we manage autonomous vehicles in local traffic management control systems?
2. How might we proactively monitor the condition of social housing using sensors?
3. How might we better use and understand Scottish land protected for nature and conservation?
4. How might we better predict and sequence adult social care to deliver a seamless service?
5. How might we accelerate the building of new housing using better geospatial intelligence?

[See the full list of all Round 3 submitted challenges](#), both successful and unsuccessful.

Apply to the first competition

These 5 challenges will be launched as [Small Business Research Initiative competitions](#) for tech companies.

The first competition will launch on 4 March 2019 on the [Innovation Funding Service](#).

[Join the mailing list](#) to find out about competition briefing events for interested tech companies.

Update on the other challenge rounds

We expect to launch at least 15 competitions to the market. Here's a summary of the current status of the three rounds of competitions.

Round 1

In January, tech firms finished phase 1 for the [first competition](#) (identifying terrorist still imagery).

Tech firms are currently working on phase 1 for the [second](#) (smart waste tracking) and [third](#) (combating rural isolation) competitions. They'll finish in February and March, respectively.

Tech firms started work on the [fourth competition](#) (real time traffic management) earlier this month.

Tech firms will start work on the [fifth competition](#) (improving local services with data) in mid February.

Round 2

The [sixth competition](#) (real-time tracking for firefighter safety) winners were chosen earlier this month. Tech firms selected will start at the end of February.

The [seventh competition](#) (streamlining public sector audits) closed earlier this month. Submissions are currently being assessed.

The [eighth competition](#) (better detection of illicit goods in the post) closes tomorrow.

The [ninth competition](#) (better understanding of overlaps in business regulation) launched last week. You can register until 20 February 2019.

The tenth competition (prescription continuity when people move between care providers) will launch in February.

Round 3

Tech firms can register to submit potential solutions to the eleventh competition from 4 March to 10 April 2019.

[Read future GTC news](#) on the GDS blog.

Press release: UK experts to work with global partners to tackle global grand challenges

UK leads efforts to tackle world's biggest challenges, from tackling anti-microbial resistance to developing next-generation eco-friendly packaging

Press release: UK experts to work with global partners to tackle global grand challenges

- New international research partnerships to put the UK at the forefront of tackling global grand challenges
- Reducing the impact of ocean pollution, improving security of food supply and controlling infectious diseases among the projects to be led by UK universities
- Part of the modern Industrial Strategy which includes ambitious plans to bring government, businesses and organisations to bring jobs, growth and opportunity to all corners of the UK

The launch of the new UK-led, international project to protect the world's oceans, the One Ocean Growth hub, is one of a number of new international research collaborations announced today by Science and Universities Minister Chris Skidmore.

The 28 projects, supported with £279 million of government investment through the modern Industrial Strategy, will see world-leading UK researchers collaborating with international partners to tackle some of the world's biggest challenges – from tackling the growing problem of anti-microbial resistance, developing the next generation of eco-friendly packaging, to using the latest technology in AI to improve the lives of millions suffering from dementia.

The funding is part of the modern Industrial Strategy's ambition to put the UK at the forefront of tackling the world's grand challenges, generating jobs, opportunity and growth across the UK.

The projects include:

- The One Ocean Hub, led by the University of Strathclyde, which will bring researchers and local communities together to keep oceans

sustainable and cut pollution.

- A UK-Israel Innovation programme – the first UK-Israel bilateral programme to support business-led innovation, working with the Israeli Innovation Authority to bring together Israeli strengths in start-up together with UK companies. It will develop and strengthen commercial relationships, provide access to large markets and enhance business competitiveness.
- Tackling anti-microbial resistance – this research programme between the UK and India will develop solutions to tackle anti-microbial resistance which is a growing global health concern.
- UK-Korea Health Sciences collaboration to focus on better diagnosis of dementia through the use of AI.

The partnerships with major international partners and economies including USA, Canada, Japan and Republic of Korea.

Science and Universities Minister Chris Skidmore, said:

The UK has a reputation for globally influential research and innovation, and is at the centre of a web of global collaboration – showing that science has no borders.

We have a strong history of partnering with other countries – over 50% of UK authored research involves collaborations with international partners.

The projects being announced today reinforce our commitment to enhance the UK's excellence in innovation at home and around the world, driving high-skilled jobs, economic growth and productivity as part of the modern Industrial Strategy.

UKRI Chief Executive Sir Mark Walport said:

From tackling climate change to preventing and treating infectious diseases, the search for knowledge is a global endeavour that requires collaboration between the world's best minds.

The Fund for International Collaboration and the creation of twelve global research hubs demonstrate the commitment of the UK to ensuring our researchers and innovators can work with their counterparts across the world to address important questions.

Of the 28 successful projects, 16 will be receiving a share of £79 million from the Fund for International Collaboration, which will be match funded by partnering developed nations. Twelve projects will be supported by £200 million from the Global Challenges Research Fund. The successful projects are being managed by UK Research and Innovation (UKRI).

The government's modern Industrial Strategy sets out Grand Challenges to put

the UK at the forefront of the industries of the future, ensuring that the UK takes advantage of major global changes, improving people's lives and the country's productivity. The first 4 Grand Challenges are focused on the global trends which will transform our future in Artificial Intelligence and data, ageing society, clean growth and the future of mobility.

Speech: PM's welcoming statement at Burns Supper: 21 January 2019

It is great to be able to welcome you here to Downing Street this evening for Burns Supper, this is the second one I have had the pleasure of hosting.

This house of course, has been the home of Prime Ministers of Great Britain and then of the United Kingdom since 1732, 25 years after the Acts of Union that created that single kingdom of Great Britain. So from the start, this house has been symbolic of that union.

It is important to me in everything we do here, and indeed in everything we do as a government, that we reflect the fact that the United Kingdom is a union of four nations. Our country has great diversity within it and we rightly celebrate that diversity. What we actually do in coming together is combine to make something greater than the sum of its parts and it is something that is unique and inspiring.

Of course, Scotland is an absolutely integral part of our United Kingdom – economically, socially and culturally.

Tonight of course in Robert Burns, we are celebrating a Scottish and British cultural icon, one of the finest poets in any language. It is a chance to celebrate a great poet, a great nation and an enduring union. Have a really good evening.