

# [Press release: 5G project announced on first anniversary of Midlands Engine Strategy](#)

The government has today (10 March 2018) announced the Midlands winners of a £25 million competition to pave the way for a future rollout of 5G technology in the UK.

The new project, the Worcestershire 5G Consortium, is receiving £4.8 million of government funding. In addition a further 2 of the project consortiums, receiving a total of over £6 million, also include partners based in the Midlands Engine.

The testbeds will keep the Midlands Engine at the forefront of connectivity by accelerating the deployment of next generation digital infrastructure, driving forward new 5G business opportunities, and developing a home-grown 5G skills base.

5G will enable internet speeds to keep up with the explosion of smart devices in the home and the 'internet of things'. With potential speeds of up to 10 gigabits per second, it will also make it easier for people to rapidly download and upload ultra HD and 3D video.

This would revolutionise the way companies in the Midlands Engine do business and help them expand globally. The news comes on the first anniversary of the [Midlands Engine Strategy](#) which sets out how the Midlands will deliver the government's [Industrial Strategy](#), enabling businesses to create more jobs, increase skills levels, export more goods and services, and grow productivity.

Over the last 12 months the Midlands Engine has seen many successes, including:

- a £250 million boost for small and medium businesses across the Midlands through the [Midlands Engine Investment Fund](#)
- a second devolution deal for the West Midlands Combined Authority, including £250 million from the Transforming Cities Fund to improve transport links
- 9 international Midlands Engine trade missions, to build links with markets such as the USA, China, and the UAE
- expansion of the successful work coaches programme across the West Midlands Combined Authority; the Midlands Engine Team has already delivered over 4,700 job outcomes to support people furthest from the labour market to overcome barriers to employment
- opening of the National College for High Speed Rail in Birmingham to generate the workforce of the future
- £80 million awarded to build the UK's first ever state-of-the art automotive battery development facility in Coventry and Warwickshire

- Coventry named the UK City of Culture for 2021 and Birmingham the host city for the 2022 Commonwealth Games – a chance to show visitors everything the region can offer
- government funding announced to boost autonomous vehicle development across the Midlands, including projects from Horiba MIRA in Leicestershire and Jaguar Land Rover – shaping the future of transport
- an injection of £105.4 million infrastructure investment to help unlock around 22,000 potential new homes
- a successful Midlands pavilion at the MIPIM property fair in Cannes, which we will be repeating next week; here we'll launch a refreshed investment portfolio of over 20 projects worth over £10 billion

Securing these testbed areas is another success for the Midlands, continuing to make the region a powerful engine for economic growth.

Sajid Javid, Housing Secretary and Ministerial Champion for the Midlands Engine, said:

One year on from the launch of the Midlands Engine Strategy, it's clear that the region is at the forefront of innovation and growth. We have achieved a lot – from trade missions across the globe to millions of pounds of government investment in the region.

The announcement today of this ground-breaking project will build on this, helping to unlock the Midlands' 5G future and ensure the benefits of this new technology are felt across the region.

Margot James, Minister for Digital and the Creative Industries said:

Worcestershire, with its strong manufacturing and industrial base, has rightfully won its place as home to one of the UK's first, innovative 5G testbeds.

I look forward to seeing how 5G connectivity will fuel the Midlands Engine – unlocking growth, increasing productivity and bringing wider benefits for our citizens and communities.

Sir John Peace, Chairman of Midlands Engine, said:

Placing the Midlands at the forefront of digital innovation is just one of the ways the Midlands Engine is aiming to create economic growth across the region.

Through raising productivity and creating a stronger economy, we aim to achieve a fairer society through improving skills, improved access to housing and greater quality of life for all Midlanders.

Strengthening the Midlands Engine as a place to invest and

supporting the efforts of Midlands businesses to trade and export also complements government's work to strengthen our country internationally.

Mark Stansfeld, Chair of Worcestershire Local Enterprise Partnership and 5G lead for Midlands Engine, said:

We are delighted to have been successful in our bid which will help businesses deliver greater productivity using 5G technologies.

This highlights the huge ambition of Worcestershire's innovative public and private sector, with key Worcestershire employers leading the way in Industry 4.0.

At a time of increasing global competition for trade and investment, we are confident that we can act as a catalyst for technological innovation in the wider Midlands Engine and nationally. We welcome opportunities for collaboration with the UK's most innovative minds.

## **The winning projects which involve partners in the Midlands Engine are:**

### **Worcestershire 5G Consortium – Testbed and Trials**

Lead organisation: Worcestershire county council – Grant: £4.8 million

A team of 5G and Industry 4.0 experts lead this project – working with Worcestershire Local Enterprise Partnership, the consortium comprises: Worcestershire county council, 5GIC at University of Surrey, AWTG, Huawei, O2, BT, and Malvern Hills Science Park. With local businesses Worcester, Bosch, and Yamazaki Mazak. It will focus on ways to increase industrial productivity through preventative and assisted maintenance using robotics, big data analytics and Augmented Reality over 5G.

It will also have a cyber security aspect, with QinetiQ providing assurances on the 'security by design' of 5G and IoT technology. Entrepreneurs will have the opportunity to test 5G capabilities in a new commercial tech accelerator located at the Malvern Hills Science Park.

### **5G Rural Integrated Testbed (5GRIT)**

Lead organisation: Quickline Communications – Grant: £2.1 million

5GRIT will be trialling innovative use of 5G technology across a range of rural applications, such as smart agriculture, tourism and connecting poorly-served communities, using shared spectrum in the TV bands and a mix of local ISPs and self-provision.

The aim is to ultimately make high quality connectivity available across

Cumbria, Northumberland, North Yorkshire, Lincolnshire, Inverness-shire, Perthshire and Monmouthshire where the consortium will develop 5G-ready AR apps for tourists and investigate how high-bandwidth wireless connectivity can increase food production in farming, including through use of AR and an unmanned aerial system.

Steve Jagger, Managing Director of Quickline Communications said:

We feel that 5G can unlock the potential of rural areas through better connections for residents, businesses, farmers and visitors. Our consortium brings together innovative businesses and leading Universities to make the 5G dream a rural reality.

## **5G RuralFirst: Rural Coverage and Dynamic Spectrum Access Testbed and Trial**

Lead organisation: Cisco – Grant: £4.3 million

5G RuralFirst, led by Cisco and lead partner University of Strathclyde, will deliver testbeds and trials to exploit 5G benefits for rural communities and industries like agriculture, broadcasting, and utilities, to address the challenges of and build the business case for 5G rural deployment.

Based primarily on the Orkney Islands, and in the farmlands of Shropshire and Somerset, the project will integrate spectrum sharing strategies for 5G; bringing connectivity to rural communities, enabling smart farming in partnership with Agri-Epi Centre (including drones, autonomous farm vehicles and remote veterinary inspections); innovative methods of delivering broadcast radio over 5G working with the BBC, alongside the delivery of 5G connectivity for IoT in utility and other industries in rural areas.

Ofcom's 2017 Connected Nations Report found that:

- in 2017, 91% of UK premises can get superfast speeds, up from 89% last year
- 840,000 UK premises can now get full fibre services compared to 498,000 in 2016
- 4G coverage continues to increase with 58% of indoor premises obtaining 4G coverage (compared to 40% in 2016) and 43% of outdoor geographic areas obtaining 4G coverage (compared to 21% in 2016)
- telephone calls coverage on motorways has increased by 4% since 2016 and data coverage on motorways has increased by 8%

The 2017 ONS internet users survey found that:

- in 2017, just 9% of adults in the UK had never used the internet, down from 10% in 2016
- virtually all adults aged 16 to 34 years were recent internet users (99%), in contrast with 41% of adults aged 75 years and over
- 90% of men and 88% of women were recent internet users, up from 89% and

86% respectively in 2016

- recent internet use among women aged 75 and over had almost trebled from 2011
- the Lloyds Bank Consumer Digital Index 2017 indicates that over the past year, 1.1 million more UK adults have gained Basic Digital Skills

According to the Nominet Digital Futures Index 42% of adults are classed as digitally savvy and there are 58,945 tech businesses with employees in the UK in 2017.

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## [Press release: £25m for 5G projects on the anniversary of the UK's Digital Strategy](#)

- UK-wide testbeds to spearhead efforts to make the UK a world leader in 5G
- Public and private sector cooperation will explore the benefits of 5G for rural communities, tourism and healthcare
- Government highlights progress to date on its strategy to create a digital economy fit for the future

From the Orkney Islands to the West of England, the six projects led by small and medium-sized enterprises (SMEs), universities and local authorities represent the best of UK innovation, resources and expertise.

They will test 5G across a range of applications, including smart farming with drones, using the 'Internet of Things' (IoT) to improve healthcare in the home, increasing manufacturing productivity and maximising the future benefits of self-driving cars.

They are part of a £1 billion commitment through the Digital Strategy to keep Britain at the forefront of connectivity by accelerating the deployment of next generation digital infrastructure and driving forward new 5G business opportunities.

Margot James, Minister of State for Digital and the Creative Industries, said:

One year on from the Digital Strategy, we are delivering on our commitments to create a Britain fit for the future, with a thriving digital economy that works for everyone.

The ground-breaking projects announced today will help to unlock 5G and ensure the benefits of this new technology are felt across the

economy and wider society.

Each testbed will receive between £2 million and £5 million in government grants, as part of a total investment of £41m from private sector and other public sector funding, to explore new 'fifth generation' mobile communications technologies that use high frequency spectrum to deliver internet speeds of over a gigabit per second.

Professor Rahim Tafazolli, Founder and Director of 5GIC and leader of 5GUK Networks said:

The 5G Innovation Centre is extremely pleased and proud to have been able to play a leading part in supporting the DCMS UK 5G testbeds and trials programme. 5G represents a fundamental transformation of the role that mobile technology plays in society, delivering rich new services in sectors such as finance, transport, retail and health. It will drive trillions of dollars of additional activity through the world digital economy and the DCMS programme will ensure that the UK stays at the forefront of this exciting global race.

The [Digital Strategy](#) launched in March 2017 to continually drive the UK's connectivity, telecommunications and digital sectors, and invest in industries, infrastructure and skills. Infrastructure is also one of the key foundations of our modern Industrial Strategy, and both seek to create the conditions for the UK's digital economy to thrive; through overcoming barriers to growth and promoting more high-skilled, high-paid jobs of the future.

A year later, there are nearly 60,000 tech businesses in the UK, we remain the number one location for tech investment in Europe and have cemented our position as a leader in some of the most innovative and strategically important digital sectors.

In particular, the UK's fintech sector is larger than New York's or the combined fintech workforce of Singapore, Hong Kong and Australia. Healthtech, accelerated by needs of the NHS, is also now a thriving digital sector in the UK.

Delivering on its commitments to future-proof the economy through the Digital Strategy, in the last twelve months alone the Government has:

- Delivered more than 2.5 million free digital skills training opportunities with industry as part of the Digital Skills Partnership, with almost half a million new pledges made;
- Reached its target for [95% of premises to have access to superfast broadband](#) by the end of 2017;
- Committed £75 million investment to take forward key recommendations in [the independent review of AI](#), including a new Centre for Data Ethics and Innovation;

- Announced the creation of new AI fellowships and funding for 450 PhD researchers to secure the UK's leading position in the global AI market;
- Confirmed [a £21m investment in Tech Nation](#) to establish regional hubs throughout the country, widening access to Tech City's training, mentoring and development programmes;
- Announced £84m to boost the skills of 8,000 computer science teachers to make sure every secondary school has a qualified computer science teacher by 2022.
- Announced a plan to unlock over £20 billion of patient capital investment in innovative firms by doubling the annual allowance of the Enterprise Investment Scheme and the Venture Capital Trust scheme;
- Supported and funded the [Tech Talent Charter](#), an industry-led initiative committing over 170 industry signatories to diversity in tech;
- Supported the creation of a fantastic environment for early stage tech businesses – there are more than 200 incubators and 160 accelerator programmes located across the UK offering a mix of funding, mentoring and training;
- [Introduced and updated the 5G strategy](#) to deliver high quality coverage where people live, work and travel including setting out actions to ensure that mainline rail routes, major roads and connectivity 'hotspots' are 5G-ready.

The Digital Strategy also focuses on building and maintaining public confidence in the use of data by businesses, while ensuring the power of data can be unlocked for innovation.

Many organisations still need to act to make sure the personal data they hold is secure and they are prepared for the Data Protection Bill, which will become law on 25 May. It will give UK citizens more control over use of their data, and provide new rights to move or delete personal data.

A new campaign, led by the Information Commissioner's Office, will prepare SMEs to be compliant with these updated laws for the digital age. It will encourage businesses to access the wealth of free help and guidance available from the [ICO](#).

The Strategy also reflects the Government's ambition to make the internet safer for children by requiring age verification for access to commercial pornographic websites in the UK. In February, the British Board of Film Classification (BBFC) was formally designated as the age verification regulator.

Our priority is to make the internet safer for children and we believe this is best achieved by taking time to get the implementation of the policy right. We will therefore allow time for the BBFC as regulator to undertake a public consultation on its draft guidance which will be launched later this month.

For the public and the industry to prepare for and comply with age verification, the Government will also ensure a period of up to three months after the BBFC guidance has been cleared by Parliament before the law comes into force. It is anticipated age verification will be enforceable by the end

of the year.

The six winning projects in the 5G Trials and Testbeds scheme are:

## **5G RuralFirst: Rural Coverage and Dynamic Spectrum Access Testbed and Trial**

Lead organisation: Cisco Grant: £4.3m

5G RuralFirst, led by Cisco and lead partner University of Strathclyde, will deliver testbeds and trials to exploit 5G benefits for rural communities and industries like agriculture, broadcasting, and utilities, to address the challenges of and build the business case for 5G rural deployment.

Based primarily on the Orkney Islands, and in the farmlands of Shropshire and Somerset, the project will integrate spectrum sharing strategies for 5G; bringing connectivity to rural communities, enabling smart farming in partnership with Agri-Epi Centre (including drones, autonomous farm vehicles and remote veterinary inspections); innovative methods of delivering broadcast radio over 5G working with the BBC, alongside the delivery of 5G connectivity for IoT in utility and other industries in rural areas.

Scot Gardner, Chief Executive of Cisco UK & Ireland said:

5G has huge interest, but now we have to make it real – not just for cities but for everyone, including into rural communities. It is fantastic to see the government investing in research and development that helps the UK to lead in such a crucial space.

Digital economies rely on connectivity so the UK can't sit and wait. We need to be trialling now, understanding what 5G can do right across the UK. 5G RuralFirst looks to do just that. With live trials in Orkney, Shropshire and Somerset it will not only benefit those communities, but help the entire UK better understand what 5G makes possible, as well as the challenges there are in delivering world-class connectivity to all corners of the nation.

## **5G Smart Tourism**

Lead organisation: West of England Combined Authority Grant: £5.0m

This testbed will focus on delivering enhanced visual experiences for tourists using Augmented Reality (AR) and Virtual Reality (VR) technology in major attractions in Bath and Bristol, including the Roman Baths and Millennium Square. Content and technology developments will be provided by the BBC and Aardman with support from the University of Bristol's Smart Internet Lab. It will demonstrate self-provision of 5G and Wi-Fi and innovative mmWave backhaul, and will also address safety issues by providing emergency service capacity through network splicing.

Tim Bowles, West of England Mayor said:



Imagine a virtual Roman soldier showing you around the Roman Baths, now imagine this moving 360 degrees on your mobile phone at a resolution you have never experienced before – that's what 5G technology can offer.

The 5G Smart Tourism bid will allow us to trial some exciting technology at our top tourist attractions, whilst looking at wider and longer-term benefits for our region. This new technology holds the key to a more advanced, sustainable and smart future which will revolutionise the way we all live, travel and work.

Professor Graham Thomas of BBC Research & Development said

Delivering new kinds of experiences in new ways for our audiences is a priority for the BBC. This project is an excellent way to trial ways of doing this using AR and VR technology through 5G.

## **Worcestershire 5G Consortium – Testbed and Trials**

Lead organisation: Worcestershire Local Enterprise Partnership Grant: £4.8m

A team of 5G and Industry 4.0 experts lead this project – working with Worcestershire LEP, the consortium comprises: Worcestershire County Council, 5GIC at University of Surrey, AWTG, Huawei, O2, BT and Malvern Hills Science Park. With local businesses Worcester Bosch, and Yamazaki Mazak it will focus on ways to increase industrial productivity through preventative and assisted maintenance using robotics, big data analytics and AR over 5G.

It will also have a cyber security aspect, with QinetiQ providing assurances on the 'security by design' of 5G and IoT technology. Entrepreneurs will have the opportunity to test 5G capabilities in a new commercial tech accelerator located at the Malvern Hills Science Park.

Mark Stansfeld, Chair of Worcestershire Local Enterprise Partnership and 5G lead for Midlands Engine, said:

We are delighted to have been successful in our bid which will help businesses deliver greater productivity using 5G technologies. This highlights the huge ambition of Worcestershire's innovative public and private sector, with key Worcestershire employers leading the way in Industry 4.0.

At a time of increasing global competition for trade and investment, we are confident that we can act as a catalyst for technological innovation in the wider Midlands Engine and nationally. We welcome opportunities for collaboration with the UK's most innovative minds.

## **Liverpool 5G Testbed**

Lead organisation: Sensor City Grant: £3.5m

Sensor City will lead a consortium made up of public sector health suppliers, the NHS, university researchers, local SMEs and a leading UK 5G technology vendor. Funded for one year in the first instance, the project will see high value technologies including low-cost open source 5G networks, artificial intelligence, virtual reality and IoT deployed across deprived communities in the Liverpool City Region test bed. The consortium will use this technology to reduce the digital divide, while measuring the impact on patient monitoring and support, management of loneliness in older adults, aid to independents living in the home and the facilitation of communication between hospitals and the community.

Alison Mitchell, executive director at Sensor City, said:

Sensor City is proud to lead on what is set to be a truly groundbreaking project with a consortium of like-minded partners. The Government's 5G strategy for the UK presents a fantastic opportunity to transform the lives of many, especially through health and social care, so I think I speak for all partners when I say we're excited to see this work unfold over the next five years.

Professor Joe Spencer of the University of Liverpool said:

A successful demonstration of a 5G testbed in health and social care will see the development of new, innovative and disruptive technologies that will help to bridge the digital divide in the UK, especially in deprived communities.

5G Wi-Fi will not only enable the development of new cost-effective products and services to address real needs and demand, but also bring huge social and economic benefits for the most vulnerable in society, while reducing the demand on hospital-based services.

## **AutoAir: 5G Testbed for Connected and Autonomous Vehicles**

Lead organisation: Airspan Communications Ltd Grant: £4.1m

AutoAir will aim to make 5G technologies available for the validation and development of Connected and Autonomous Vehicles (CAVs) at the UK's premiere vehicle proving ground at Millbrook. Fast travel speeds complicate cell-tower handoff, and autonomous vehicles will require more network bandwidth than is available currently. It will also investigate how these 5G connectivity solutions could be transferable to both road and rail transportation.

The project is based on the accelerated development of 5G small cells operating in both licensed Sub 6 GHz and mmWave bands on a shared 'neutral

host' platform which allows multiple public and private 5G operators to simultaneously use the same infrastructure using network slicing.

Paul Senior, Chief Strategy Officer, Airspan Networks and CEO of Dense Air said

We are delighted to have won the UK's 5G competition, as it further validates the 5G network solutions and associated toolsets that Airspan and its partners have created. 5G networks will be critical for the validation and operation of CAVs and the testbed will be both a showcase and blueprint for mass deployment of 5G along the UK's transport corridors".

Dick Glover, Chief Executive, McLaren Applied Technologies said:

At McLaren Applied Technologies we harness our experience in telemetry, software, simulation and predictive analytics to deliver advantage across the transport industry. Being part of the AutoAir 5G NR Consortium reinforces our commitment to accelerating the UK's mobility challenge of the future, as well as pushing performance, improving reliability and providing progress beyond today's expectations.

## **5G Rural Integrated Testbed (5GRIT)**

Lead organisation: Quickline Communications Grant: £2.1m

5GRIT will be trialling innovative use of 5G technology across a range of rural applications, such as smart agriculture, tourism and connecting poorly-served communities, using shared spectrum in the TV bands and a mix of local ISPs and self-provision.

The aim is to ultimately make high quality connectivity available across Cumbria, Northumberland, North Yorkshire, Lincolnshire, Inverness-shire, Perthshire and Monmouthshire. Here the consortium will develop 5G-ready AR apps for tourists and investigate how high-bandwidth wireless connectivity can increase food production in farming, including through use of AR and an unmanned aerial system.

Steve Jagger, Managing Director of Quickline Communications said:

We feel that 5G can unlock the potential of rural areas through better connections for residents, businesses, farmers and visitors. Our consortium brings together innovative businesses and leading Universities to make the 5G dream a rural reality.

## ENDS

### Notes to Editors:

The [5G Innovation Centre](#) based at the University of Surrey in partnership with leading universities Bristol and King's' College London has developed one of the early cornerstones of the 5G Testbeds and Trials programme for nationwide trials of 5G applications and technologies.

Professor Dimitra Simeonidou, Director Smart Internet Lab, University of Bristol said:

We are delighted to be working towards the delivery of the world's first end-to-end 5G testbeds with our partners at 5GIC/Surrey and King's College London. At Bristol, we have developed an open and lasting testbed for 5G experimentation in the city's Millennium Square.

We have worked with our Technology partners BT, Nokia, CCSL and Zeetta Networks and have engaged with our Digital Creative sector to showcase the 5G technical capabilities and transformational potential. We are now keen to support the Phase 1 5G Testbeds and Trials projects by offering access to our infrastructure, skills and knowledge

Professor Mischa Dohler, Director of the Centre for Telecommunications Research, King's College London said:

We are proud to have spearheaded UK's 5G innovation and deployment, alongside our colleagues at the 5GIC/University of Surrey and University of Bristol. Our joint efforts have put the UK well ahead of the global competition.

The now subsequent Phase 1 projects are very timely as they will leverage on our innovation and provide the much needed expansion into exciting applications and a wider geography. It will be paramount for the UK to ensure that all these assets will be connected to ensure scale and competitiveness.

Ofcom's 2017 [Connected Nations Report](#) found that: – In 2017, 91% of UK premises can get superfast speeds, up from 89% last year; 840,000 UK premises can now get full fibre services compared to 498,000 in 2016 4G coverage continues to increase with 58% of UK premises obtaining 4G indoor coverage from all four MNOs (compared to 40% in 2016) and 43% of outdoor geographic areas obtaining 4G coverage also from all four (compared to 21% in 2016); – Telephone calls coverage on motorways has increased by 4% to 97% from all four MNOs since 2016 and data coverage on motorways has increased by 8% to 91% also from all four MNOs; – And noted the requirement in the Government's agreement with mobile operators in 2014 , that all mobile operators should

cover 90% of the UK's geography (for voice calls) by end 2017.

The 2017 [ONS internet users survey](#) found that: In 2017, just 9% of adults in the UK had never used the internet, down from 10% in 2016; Virtually all adults aged 16 to 34 years were recent internet users (99%), in contrast with 41% of adults aged 75 years and over; 90% of men and 88% of women were recent internet users, up from 89% and 86% respectively in 2016; Recent internet use among women aged 75 and over had almost trebled from 2011.

The [Lloyds Bank Consumer Digital Index 2017](#) indicates that over the past year, 1.1 million more UK adults have gained Basic Digital Skills.

According to the [Nominet Digital Futures Index](#) 42% of adults are classed as digitally savvy and there are 58,945 tech businesses with employees in the UK in 2017.

The UK came first in the rankings of the [Oxford Insights Global Government AI Readiness Index 2017](#), reflecting its world-leading centres for AI research and strong technology industry.

The seven strands of the Government's [Digital Strategy](#) are:

- Building world-class digital infrastructure for the UK
- Giving everyone access to the digital skills they need
- Making the UK the best place to start and grow a digital business
- Helping every British business become a digital business
- Making the UK the safest place in the world to live and work online
- Maintaining the UK government as a world leader in serving its citizens online
- Unlocking the power of data in the UK economy and improving public confidence in its use

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**[News story: Education Secretary visits](#)**

# Hampshire children's social services

Education Secretary Damian Hinds met with staff at Hampshire children's social services today (Friday 9 March) to hear about innovative ways of providing support for vulnerable children and families.

Joining the Chief Social Worker Isabelle Trowler on the visit to Winchester, the Education Secretary met Hampshire County Council Chief Executive John Coughlan, the Director of Children's Services, Councillors and social workers to hear how they are driving improvements through the Department's Partners in Practice Programme and their Innovation Programme projects.

As a Partner in Practice, Hampshire – which is rated 'good' by Ofsted with 'outstanding' features – works with a number of other children's services in the region to improve practice and management.

Education Secretary Damian Hinds said:

Social workers are the heroes, often unsung, of our society. We want every child to have a happy and safe childhood and social workers play a vital role in transforming the lives of some of our most disadvantaged children. I was pleased to see the innovative work being done here in Hampshire to improve support for families in need of additional help.

Through initiatives like Partners in Practice and the Innovation Programme we want to help councils like Hampshire develop new and effective ways of making a real difference to children's lives.

Hampshire has also received £3.96 million from the department's £200 million Children's Social Care Innovation Programme, for their project Active Agents for Change to improve support for families affected by issues such as domestic abuse, substance abuse or mental health concerns.

The Active Agents for Change project is training volunteers to mentor children and young people who may be in need of care, and find other ways to increase social workers' direct contact time with families.

These measures resulted in direct contact time with families increasing from 34 per cent to 58 per cent, and engagement with families with complex needs from 29 per cent to 70 per cent in the first year of the project.

Hampshire will also receive funding through the Fair Ways and Portsmouth Staying Close pilots, backed by £467k and £624,400 respectively, which support young people leaving residential care.

Chief Social Worker Isabelle Trowler said:

It's been so inspiring today to see how social workers are working hard to turn back the tide towards family support and reunification. I am pleased to see the confident and skilled practice at play here.

Hampshire County Council's Executive Lead Member for Children's Services, Councillor Keith Mans, said:

We were extremely pleased and honoured to welcome the Secretary of State and the Chief Social Worker to the County Council and for the opportunity to explain and discuss Hampshire's model for children's social care practice. We took the opportunity to demonstrate the progress of the Partners in Practice work that we are undertaking, to further improve on what we do to achieve the best outcomes possible for vulnerable children.

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## **Press release: Britain and Saudi Arabia to strengthen cultural links and boost trade**

A new deal to pave the way for Britain's world-leading culture and entertainment industries to land lucrative new business in Saudi Arabia has been agreed.

With an economy worth £545 billion and half of its 30 million population aged under 24, the agreement opens up huge opportunities for the UK's sports, cultural and creative industries to export. These industries combine soft-power with economic might and the combined value of their global exports in goods and services is more than £39 billion, up 43 per cent since 2010.

A memorandum of understanding (MoU) on entertainment and leisure made by UK Digital and Culture Secretary Matt Hancock and his Saudi counterpart Ahmed Al Khateeb is a world first for the Gulf state. The three-year agreement will play an important role in delivering the Saudi Crown Prince's long-term vision to open up the country's economy and culture. The countries also agreed an MoU on cultural cooperation.

The Kingdom's entertainments industry is in its infancy but one of its earliest international deals was signed last month with UK-based cinema chain VUE International. Alongside Abdulmohsin Al Hokair Holding Group, it will launch 30 multiplex cinemas across the country over the next three years to help return the big screen to the Gulf state.

Supporting our world-leading tech and creative industries is a central part of the UK's Industrial Strategy and the government's upcoming Creative Industries Sector Deal will create new opportunities for joint-collaboration and potential Saudi Arabian investment in this sector.

The Crown Prince is due to meet representatives of the UK's world-leading creative technology industries including Improbable as part of his visit to the UK. The British technology company closed a \$502m investment round led by SoftBank, the largest of its kind in Europe, last year. Improbable will show examples of how its large-scale simulation and virtual world-building technology can be used to transform fields as diverse as video games and real-world planning.

Digital and Culture Secretary Matt Hancock said:

This agreement is an historic moment for change and reform in Saudi Arabia, and marks a new chapter in relations between the Kingdom and Britain. Arts, sports and the creative industries give people the freedom to express themselves, provide enjoyment and entertainment, and can be many people's first introduction to a nation's culture. We are a world leader in this area. By sharing our success we can encourage Saudi Arabia on its new path and strengthen our strong relationship.

The agreement commits the countries to deepening cooperation in the arts, architecture, film, creative industries, sport and recreation, heritage management, archeology, social clubs, NGOs, volunteering, entertainment and event management. It supports the Crown Prince's Vision 2030 to catalyse and open up the country's economy over the next 15 years.

The UK Government can today also confirm:

- An exhibition fund set up to help UK cultural institutions bring major shows from leading museums and new work from other British galleries will aim to take a four major exhibitions to venues in the Gulf between 2018 and 2020. The exhibitions will offer inspiration and high quality educational opportunities for the region's youth. The new initiative will showcase the best of UK art, culture, science and sport. It will also create new opportunities for UK and Gulf institutions to foster long-term cultural and educational relationships.
- Leading British artists and designers will use digital technologies to create site specific art in Riyadh linking with the ambitions set out in Vision 2030 and British excellence in filmmaking will be showcased as part of the first Gulf digital film festival.
- A joint Saudi/UK working group on leisure and entertainment will be established by the end of March to implement the memorandum.



Michael Ellis, Minister for Arts, Heritage and Tourism, is due to visit Riyadh in April. He will be accompanied by a business delegation from the UK leisure and entertainment sectors, which will meet prospective business partners endorsed by the Saudi Government. The Minister will sign an MoU on heritage and tourism with his Saudi counterpart during this visit.

Between July and December 2018, the countries will cooperate on further political and commercial agreements to create skilled jobs in both economies, stimulate the growth of the Saudi leisure, entertainment and tourism sectors, and engage young people.

The Gulf Culture and Sport Programme, which aims to share the UK's values through culture and sport, including women's participation and leadership, will establish training courses to support new and established festival directors in the Gulf and promote collaborations with the UK. The programme has been allocated more than £6m over four financial years.

The British Council will partner with existing volunteering organisations in the Gulf to support young Gulf nationals to volunteer at culture and sports events that are part of the culture and sports programme. This will build on British excellence in volunteering.

The Youth Sport Trust (YST) will develop a programme to improve the quality of sports coaching and teaching across the Gulf. It will work with local schools, colleges and community groups to develop a network of young sports leaders to promote participation in sport and competition through the Gulf Festivals of Sport.

Tim Richards, chief executive of Vue International, said:

This is a significant time for UK businesses in Saudi Arabia. The Kingdom is the largest economy in the Arab world, and home to a young, dynamic and fast-growing population. Combined with the country's plans for reform, this makes it an attractive high-growth market for Vue and other global firms.

We are delighted to have been chosen to deliver a world-class cinema experience for Saudi people across the Kingdom, in what is a huge moment in the history of the international cinema industry. Our experience working in the country has been extremely positive, there are some incredible plans in place across sectors, and we are excited about what lies ahead.

Ian Blatchford, Director of the Science Museum Group, said:

Science is a truly international endeavour and Britain's cultural expertise is recognised around the globe. The group has a major role to play in sparking the curiosity of young people everywhere and inspiring them to improve our world through science, technology, engineering and mathematics. We look forward to

partnering with Saudi Arabia for their Vision 2030.

Notes to editors:

Media enquiries – please contact the DCMS News and Communications team on 020 7211 2210 or out of hours on 07699 751153.

The memorandum of understanding on entertainment and leisure includes agreements on:

- Arts – to participate in each others' festivals, theatre and dance productions;
- Architecture, heritage management and archeology – to share knowledge through expert visits and coordinate efforts to protect sites of national and international importance;
- Film industry – to exchange experience and facilitate visits by actors, directors, producers;
- Creative industries – to promote visits and the exchange of products such as fashion and crafts;
- Sport and recreation – to share ideas and knowledge, including through visits by athletes;
- Social and hobby clubs – to share expertise in regulation, promotion, activities and structure;
- NGOs and volunteering – to exchange experience and expertise
- Entertainment and event management – promote visit, training programmes and seminars Implement joint plans to carry out international activities

Crown Prince HRH Mohammed bin Salman is visiting the UK for the first time since his appointment in June 2017. He has embarked on a major programme of domestic reforms, including a commitment to lift the ban on women driving and opening up attendance at major sporting events to women.

Saudi Arabia has set out a roadmap – Vision 2030 – to catalyse and open up the country's economy over the next 15 years. This will provide opportunities for British businesses to help support delivery in areas where they have expertise.

The UK's Industrial Strategy sets out a long term plan to boost the

productivity and earning power of people throughout the country. It sets out how we are building a Britain fit for the future – how we will help businesses create better, higher-paying jobs in every part of the UK with investment in skills, industries and infrastructure.

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## [News story: It's a wrap for National Apprenticeship Week 2018](#)

Today brings to a close the most successful National Apprenticeship Week yet; with unprecedented support received for the week from the apprenticeships community, in the number of events delivered and coverage achieved, both on-line and in social media.

Whatsmore, the ambition of delivering a 10,000 talks movement – #10kTalks – to inspire the next generation of apprentices in schools across the country has been exceeded, reaching over 33,500 people. Over 300 schools joined the 10,000 talks movement and a further 130 schools also hosted teacher-to-teacher talks – reaching an additional 2,300 individuals. The Big Assembly, which took place on Thursday, reached an additional 20,000 people with a live video stream – showcasing apprentices and employers sharing their apprenticeships stories.

The week kicked off on Monday, 5 March with a launch event at the BBC in London with news of a new ground-breaking apprenticeship programme, developed with the Sutton Trust, to support 50 school leavers from socially diverse backgrounds, to apply for apprenticeships.

Secretary of State for Education, Damian Hinds recognised the ambitions of the BBC and Sutton Trust in his address, whilst reaffirming the crucial role apprenticeships play in helping people realise their potential as they learn and earn.

Also on launch day, Minister for Skills and Apprenticeships Anne Milton visited Manchester, where she had breakfast with apprentices from Kelloggs, before attending a 10K Talk at St Ambrose RC High School in Wardley, Manchester. Social media activity saw #NAW2018 and National Apprenticeship Week 2018 trend on social media (Twitter) on launch day – trending top in the UK.

On Tuesday the Minister visited Yorkshire Building Society in Leeds for a Northern PowerHouse event, before a visit to Asda House to meet apprentices. The Minister then moved to Askham Bryan College in York to meet more apprentices from the college. Meanwhile Sue Husband, Director of the National Apprenticeship Service took time to work shadow some apprentices and spent time with Fathima Alim and Christina Janse Van Rensburg, Level 3 business administration apprentices in the Policy Curriculum division at the

Department for Education.

Wednesday saw the Apprenticeship Diversity Champions Network (ADCN) celebrate its first year with an event dedicated to recognising the achievements of its 50 members – who are all committed to championing apprenticeships and diversity amongst employers. New members, including Channel 4, Buckinghamshire Fire and Rescue Service, and ITV were welcomed to the network by Minister for Skills and Apprenticeships Anne Milton and Helen Grant, MP and Chair of the network, who acknowledged members commitment to ensuring that their workforce includes apprentices, from all backgrounds.

International Women's Day on Thursday was a fantastic opportunity to celebrate how 'Apprenticeships Work for Women' and highlighted and celebrated the positive impact of female apprentices in workplaces across the country.

The event, taking place on the penultimate day of National Apprenticeship Week 2018, saw Minister for Skills and Apprenticeships Anne Milton and high profile names in business, politics and society address an audience of teachers, apprentices and female business leaders at the National Gallery, London, whilst leading art historian introduced some of the artwork created by women and on show in the Gallery's collection.

A fitting end to National Apprenticeship Week 2018 involved 250 apprentices – from across a variety of sectors and job roles – in 'Class of 2018' graduation ceremonies, taking place in six prestigious venues across England. Apprentices that have completed their apprenticeship in the last 12 months were recognised and celebrated; whilst showcasing why more people should choose an apprenticeship as a pathway to a great career.

A video thank you message from Minister for Skills and Apprenticeships Anne Milton and for everyone involved in the week:

[Thank you message from Minister for Skills and Apprenticeships Anne Milton](#)

Sue Husband, Director of the National Apprenticeship Service said:

The 11th annual National Apprenticeship Week has shown me how apprenticeships continue to be seen as a brilliant career path for individuals and also a great opportunity for employers to shape the workforce they need to deliver.

I have attended many events over the course of the Week and the message I get is that apprenticeships work. From celebrating the new apprenticeship programme with the BBC, to meeting inspiring employers committed to diversity whilst seeing so many apprentices receive the recognition they deserve at class of 2018 graduation ceremonies I am satisfied that the whole apprenticeships community values the opportunities apprenticeships present.

We need to build on this momentum, to encourage individuals – regardless of age or background – to find an apprenticeship and get on the path to a brilliant future. National Apprenticeship Week

wouldn't happen if it wasn't for all the supporters of apprenticeships so I thank them all for their dedication to National Apprenticeship Week and to apprenticeships and the difference they are making to the lives of individuals.

You can find images from all the events that have happened during National Apprenticeship Week 2018 on the [National Apprenticeships Service Flickr page](#).