

News story: Government moves forward on advanced trials for self-driving vehicles

- government strengthens guidelines on trial safety and transparency
- UK seeks to cement position as a world leader in automated vehicle trials
- government to develop process to help support advanced trials

In a strong signal of support for the UK automotive and technology industries, the government has announced today (6 February 2019) that a process is being developed to support the advanced trials of automated vehicles. Advanced trials will not be supported unless they have passed rigorous safety assessments.

In response to feedback from industry, the government has also announced that its world leading [code of practice for testing automated vehicles](#) will be strengthened further to set even clearer expectations for safe and responsible trials.

The news reinforces the UK's status as a global leader in the safe and responsible testing of automated vehicles. With the UK's market for connected and automated vehicles estimated to be worth £52 billion by 2035, this is a major boost to a sector open to investment from the world's brightest transport technology companies. It also demonstrates that the government is on track to meet its commitment to have fully self-driving vehicles on UK roads by 2021, as part of the government's modern [Industrial Strategy](#).

Jesse Norman, Future of Mobility Minister, said:

Thanks to the UK's world class research base, this country is in the vanguard of the development of new transport technologies, including automation.

The government is supporting the safe, transparent trialling of this pioneering technology, which could transform the way we travel.

Richard Harrington, Automotive Minister, said:

The UK has a rich heritage in automotive development and manufacturing, with automated and electric vehicles set to transform the way we all live our lives.

We want to ensure through the Industrial Strategy Future of Mobility Grand Challenge that we build on this success and strength

to ensure we are home to development and manufacture of the next generation of vehicles.

We need to ensure we take the public with us as we move towards having self-driving cars on our roads by 2021. The update to the code of practice will provide clearer guidance to those looking to carry out trials on public roads.

The 'code of practice', first published in 2015, makes clear that automated vehicle trials are possible on any UK road provided they are compliant with UK law – including testing with a remote driver. The update to the code acknowledges the growing desire of industry to conduct more advanced trials, and a process to handle such trials on public roads is now being developed.

Under the strengthened code, those carrying out trials for automated vehicles will be expected to publish safety information, trial performance reports and to carry out risks assessments before conducting a trial. Trialling organisations are also expected to inform the relevant authorities, emergency services, and anyone who might be affected by trial activity.

This announcement is another milestone in the government's [Future of Mobility Grand Challenge](#), a key part of the UK's modern Industrial Strategy, which aims to take advantage of the extraordinary innovation in UK engineering and technology to make journeys safer, cleaner, cheaper, and more reliable.

[Press release: Rohingya refugees shielded from disease by UK aid](#)

The life-saving early warning system gathers information on new disease cases across 168 health centres in Cox's Bazaar and uses an innovative mobile app to allow experts to identify and track potentially deadly outbreaks – helping to protect the more than one million Rohingya people living there.

Supported by the Department for International Development (DFID), the system is currently being used to track and respond to an outbreak of chicken pox in the camps.

More than 4,000 people are believed to have contracted the virus, almost half of whom are under five years old. The early warning system has helped the World Health Organisation (WHO) experts in Cox's Bazaar to provide health advice and medicine, focusing on the most vulnerable, complicated cases.

International Development Secretary Penny Mordaunt said:

Aid isn't just about reacting to a crisis after the fact; we are

using technology and intelligence to prevent and respond to problems before they become disasters.

By responding at the first stage of a disease outbreak, rather than when it is already an epidemic, we will save more lives, more efficiently.

Chicken pox is familiar to children and families across the world, but it is significantly worse in a refugee camp. That is why UK aid is helping the most vulnerable and is prepared to respond to new outbreaks in the future.

The crowded conditions in the camps allow disease to spread rapidly. Early warnings are critical in quickly responding to prevent infections spreading and to train local health workers. This will make a significant difference when facing particularly dangerous outbreaks such as cholera or diphtheria.

Following an outbreak of diphtheria in the camps in December 2018, the UK aid funded Emergency Medical Team (EMT), made up of the UK's top medical professionals, was deployed to Cox's Bazaar to help stem the spread of this deadly disease.

While chicken pox is generally low risk, there is some risk of complications from secondary infections like pneumonia, or to pregnant women. WHO medical staff are distributing medicine for the worst symptoms and monitoring complicated cases.

Notes to Editors:

- WHO established The Early Warning Alert and Response System (EWARS) in September 2017 and with UK aid support the system has been considerably strengthened to manage with the major health challenges from the field.
- Total DFID support to the Early Warning Alert and Response System (EWARS) is £950,000.
- The UK is calling on the international community to provide long-term support to keep the Rohingya people safe in the years to come, both in Bangladesh and in Burma.
- The UK has contributed £129 million to the crisis in Bangladesh since 25 August 2017. The UK's contribution to preparedness and response plans will reduce the impact of natural disasters and outbreaks of disease and strengthen the resilience of affected Rohingya people and host communities.

[Press release: Seven year framework](#)

for Government and public sector development projects launched

- Framework will support the long-term development of building projects across the Government and public sector estates up to 2026
- Scheme gives both small and large firms the chance to bid to work on projects
- Money for the work will come from existing budgets

A new funding framework has been developed to allow construction firms, small and large, the chance to bid for work on government projects over the next seven years.

The Construction Works and Associated Services commercial agreement will assist central Government and the wider public sector with projects focused on the construction, refurbishment, repair, demolition or decommission of public buildings across the UK.

The framework has been designed by Crown Commercial Service (CCS) to provide customers and suppliers with the assurances required for long-term projects, and make sure the Government gets best value for money.

John Welch, CCS's Deputy Director for Construction, said:

This agreement will support construction and drive industry growth.

Its lotting structure has been designed to maximise opportunities for all sizes of company and that includes SMEs, which play a key role in UK construction.

For example, standardised payment terms and other fair payment objectives are embedded within the framework scope. This agreement also facilitates the use of digitisation in construction and promotes the use of innovative solutions via modern methods of construction.

It is estimated that over the seven year life of the framework, the cost of the works carried out across the country could be up to £30bn or less – with the projects led by departments and the money taken from existing departmental budgets.

The framework has been designed with flexibility in mind to service a range

of construction and civil engineering requirements across both central government and the wider public sector.

Prompt payment initiatives and project bank accounts (PBA's) have been incorporated into the framework to support supply chains. Policy like this is embedded throughout to help sustain and grow the market whatever the size of the organisation, but is particularly useful for SMEs and specialist suppliers.

Suppliers interested in bidding for this opportunity have to register on the CCS eSourcing system. Instructions on how to access the CCS eSourcing system can be viewed along with the tender documentation by visiting the project webpage:

The tender period went live on 31st January 2019. A bidders' day will take place on Friday 8th February 2019, details are provided within the OJEU Contract Notice.

[News story: AI and digital design to transform future of UK construction](#)

Using artificial intelligence to predict and plan construction projects and avoid possible delays is one of the ideas to win funding to transform how the UK delivers buildings and infrastructure.

Just over £18 million is being invested through the [Industrial Strategy Challenge Fund](#) in research, development and innovation projects to support a more efficient, highly-skilled and productive construction industry.

The funding from [UK Research and Innovation](#) is part of the transforming construction challenge – a £170 million government commitment, matched by £250 million from industry – to embed new approaches and techniques that enable the UK to become a world leader.

Business-led collaborations

A total of £13.3 million has been awarded to 24 projects, which will see industry collaborate with the research base to innovate.

Included in the awarded projects are:

- a project by [nPlan](#), [Kier](#) and the [University of Cambridge](#), which will use AI and algorithms to better predict, plan and schedule construction projects. The aim is to optimise buildings and reduce time and cost
- a consortium including housebuilder, [Barratt Developments](#), and one of the largest social landlords, [L&Q](#), which aims to make offsite

- manufacturing a viable alternative to traditional methods by exploring how it can bring down the costs, reduce defects and improve productivity
- a [Keltbray Group](#)-led project to develop a new piling technology that will enhance capacity and improve sustainability when laying foundations

For all projects, the ultimate aim is to:

- develop digitally-enabled simulations that support the design and management of buildings
- adopt offsite manufacturing approaches that improve the quality of buildings
- create active power generation and storage within buildings

Construction Minister, Richard Harrington, said:

The use of artificial intelligence, digital techniques and off-site manufacturing help us harness new methods of working and delivers on the government's [Construction Sector Deal](#).

These new methods to help the construction industry are a testament to the government's modern Industrial Strategy's aims of building a better tomorrow for us all through scientific and technological advances.

Talented teams addressing complex challenges

A further £5 million is being invested to support successful research leaders to build talented teams and take on a complex research programme within the context of the transforming construction challenge.

There are 4 research projects that will share funding. These range from exploring the potential for digitally-designed, 3D-printed concrete components, to assessing the use of robots for both on and off-site construction.

Another project will look at integrating voice-activated AI and augmented reality in the assembly of components to speed up construction and increase productivity.

Industry working directly with researchers

Professor Sir Mark Walport, UKRI Chief Executive, said:

Technologies being developed in the UK provide a significant opportunity to transform the way we build, such as the use of augmented reality to improve design or robotics to aid complex building assembly.

Through projects such as these, the Industrial Strategy Challenge

Fund allows us to catalyse innovation across the UK's construction industry, improving productivity, sustainability and safety.

Sam Stacey, Director of the Transforming Construction Challenge, added:

These grants play a key role in advancing transformation across the sector.

They will help the construction industry work directly with talented researchers to explore new ways of working that will speed up assembly, save money, and improve the quality of building projects.

[Speech: PM speech in Belfast: 5 February 2019](#)

I'm pleased to be back in Belfast today, with under 8 weeks to go until the UK leaves the EU I recognise that this is a crucial time for Northern Ireland. And ensuring that the unique needs of this part of the UK are met has been one of my chief priorities ever since I became Prime Minister.

Any border that weaves its way through farms and villages, bisects hundreds of roads and lanes, and which is crossed and re-crossed by thousands of people every day would pose a logistical challenge in the context of Brexit.

But when you add to those geographical factors Northern Ireland's complex history, the different traditions and identities that make up its community, and the long path to peace that the people of Northern Ireland have walked over the last forty years – the challenge is even greater.

Over the last two and half years, we have come a long way towards a solution that works for Northern Ireland and Ireland.

We have agreed mutual protections for citizens' rights, the maintenance of our common travel area, and set a framework for our future relationship that ensures tariff and quota-free trade and protects our close co-operation on security and law enforcement.

But the UK Parliament rejected the Withdrawal Agreement because of their concerns about the backstop – the legal protocol to prevent no hard border in the event our future relationship is not in place at the end of the implementation period.

I know that many people in Northern Ireland, and indeed across this island,

are worried about what Parliament's rejection of the withdrawal deal means for them.

So I am here today to affirm my commitment, and that of the United Kingdom Government, to all of the people of Northern Ireland, of every background and tradition.

To affirm my commitment to the Belfast/Good Friday Agreement, to its successors the St Andrew's Agreement and the Stormont House Agreement, and to the principles they enshrine – which is absolute.

And to affirm my commitment to delivering a Brexit that ensures no return to a hard border between Northern Ireland and Ireland – which is unshakable.

I was 12 when the Troubles began and 41 when the Belfast Agreement was reached; for all my adult life, Northern Ireland has been a central political issue.

The progress of the last few decades – from the Troubles to ceasefire; from ceasefire to political agreement; and from agreement to active participation by unionists and nationalists in institutions that enjoy cross-community support – has been a massive achievement and a landmark in the history of these islands.

From the moment I became Prime Minister of the UK, I knew that one of my most profound responsibilities was to serve the interests of the people of Northern Ireland by doing all I could to protect and sustain that progress.

Successive UK and Irish Governments have played their parts, often working together in close co-operation.

But it has been the political parties in Northern Ireland – the UUP and the SDLP, the DUP, Sinn Fein, and the Alliance – it has been civil society groups like WAVE and Healing Through Remembering – and above all it has been the people of Northern Ireland who have achieved by far the most.

Violence has not been eliminated. But it has been reduced to levels that would once have seemed impossible to imagine.

Divisions remain entrenched in some communities. But many people, including those from the younger generations, are more and more interested in putting aside those divisions to build a shared future.

Thanks to greater political stability, Northern Ireland is now a leading destination for inward investment, with over 900 international businesses investing in its economic success.

Employment is at a near-record high and unemployment at a near-record low.

And that transformation is reflected in the image that Northern Ireland projects to the rest of the world today.

It is no longer one of violence, but of dynamism and success.

And the decisive moment in that transformation was the Belfast Agreement in 1998.

Its success was in allowing people of different traditions to feel that those traditions and their identities were respected, and that they could work together to build a successful future for all the people of Northern Ireland.

It enshrined the principle that it is the 'birthright of all the people of Northern Ireland to identify themselves and be accepted as Irish or British, or both, as they may so choose.'

And it enshrined the consent principle: that it will always and only be for the people of Northern Ireland to decide what their constitutional future should be – and that the UK Government is solemnly committed to supporting and implementing their democratic wishes.

These principles are the bedrock of peace and stability in Northern Ireland.

And they will forever be honoured by the United Kingdom Government.

A fundamental belief in the Union of Great Britain and Northern Ireland is part of my political heritage as a Conservative and Unionist – and that will never change.

But the Unionism I believe in is one that respects absolutely the central importance of Irish identity to those people in Northern Ireland who claim it.

And the United Kingdom I stand for is an open and tolerant union of nations and people.

A country where every religion, every peaceful and democratic creed, has a place and every man and woman is equal before the law, treated with respect and has the opportunity to get on and succeed.

Indeed, that Union can only ever be secure and prosper if it is built on that respect and acceptance of difference and diversity.

Because the Belfast Agreement is not just the bedrock of stability here in Northern Ireland, its principles are fundamental to the security and success of the whole United Kingdom.

Our absolute commitment to those principles has informed and directed my approach to Brexit – from my first speeches as Prime Minister to my first meetings with the Taoiseach.

And in December 2017, in the Joint Report we agreed with the EU, we committed to protect the 1998 agreement 'in all its parts...and to the totality of the relationships set out in it.'

... 'to the avoidance of a hard border, including any physical infrastructure or related checks and controls'

...and 'to preserving the integrity of the UK internal market and Northern Ireland's place within it.'

These were commitments made in good faith.

Our preferred approach has always been to deliver them through the Future Relationship.

But I accepted the need for an insurance policy or bridging arrangement to guarantee no hard border if the Future Relationship was not in place in time.

And that such a policy had to deliver legal certainty – through what is called a legally operative text – so it would give people and businesses on both sides of the border clarity and confidence over how these commitments would be fulfilled.

That is why I agreed to the backstop in the Withdrawal Agreement.

And unlike the original European Commission proposal, it did not impose a customs border between Northern Ireland and the rest of the UK.

Many people, businesses, farming organisations and voluntary groups in Northern Ireland agreed with me. They spoke out in support of the Withdrawal Agreement and they defended the backstop.

I know that wasn't an easy thing to do and I am grateful to them for doing so.

I fought hard to make the case for the deal as it stands. I believed it could command a majority in the House of Commons.

But I have had to face up to the fact that in its current form it cannot. And the need for changes to the backstop is the key issue.

While there were those in Northern Ireland who spoke in favour of it, it is also true that the backstop is not supported by the two main Unionist parties here.

And this also influenced MPs in England, Scotland and Wales in voting against the deal.

I can only deliver on the commitments we have made if I can get a deal through the UK Parliament.

And meetings with MPs across the House showed that I can only get a deal through Parliament if legal changes are made to the backstop.

And that is why the UK Government – and a majority of MPs from across the House of Commons – supported the amendment from Sir Graham Brady last week.

It reaffirms our desire to leave with a deal and our commitment to no hard border between Northern Ireland and Ireland.

And as Sir Graham himself set out, it would mean replacing the backstop with

another arrangement which avoids a hard border or making legally binding changes to the backstop to introduce a time limit or create an exit mechanism.

I know that the prospect of changing the backstop and re-opening the Withdrawal Agreement creates real anxieties here in Northern Ireland and in Ireland. Because it is here that the consequences of whatever is agreed will most be felt.

I recognise, too, that the majority of voters in Northern Ireland voted to remain.

And that many will feel that once again decisions taken in Westminster are having a profound – and in many cases unwanted – impact in Northern Ireland and Ireland.

So I am determined to work towards a solution that can command broader support from across the community in Northern Ireland.

As we do so, there are a number of commitments that will underpin our approach and which must be part of any alternative arrangements that we seek to negotiate with the EU and pass through the UK Parliament.

First, we stand by our commitment in the Joint Report that there will be no hard border, including any physical infrastructure or related checks and controls.

And this means people on either side of that border will be able to live their lives as they do now.

I have spoken to people in places like Fermanagh who remember the customs border posts, approved roads and security installations of the not-so distant past.

I have spoken to businesses who have supply chains that cross between Great Britain, Northern Ireland and Ireland.

I understand how thousands of people move back and forth between Northern Ireland and Ireland every day – to go to work, to visit family, even to do their shopping.

I understand what a hard border would mean – not just in terms of the disruption at the border itself, but in terms of trade for the whole island.

The Belfast Agreement delivers “just and equal treatment for the identity, ethos and aspirations of both communities.” And for many a seamless border between Northern Ireland and Ireland is integral to delivering this.

And I know this has been the cornerstone around which the community in Northern Ireland has come together to deliver peace and prosperity.

And I will not do anything to put that at risk.

So while I have said that technology could play a part, and that we will look at alternative arrangements, these must be ones that can be made to work for the particular circumstances of Northern Ireland.

Second, neither will I compromise on my promise to protect Northern Ireland's integral place in the UK.

When the European Commission proposed a version of the backstop which involved creating a customs border in the Irish Sea, I successfully resisted it.

And I have ruled out any return to such a suggestion.

This would not only damage the integrity of the UK's internal market which is so vital to businesses across the UK – and not least here in Northern Ireland.

It would also ignore the very real concerns of many people about being cut off from the rest of the UK.

Furthermore, we will also ensure there will be no new regulatory barriers between Northern Ireland and the rest of the UK without Northern Ireland's institutions having their say.

Third, there will be full protection for all existing cross-border co-operation.

Many areas of cooperation have been identified – both those formally set out by the North South Ministerial Council such as cooperation on health and transport, or keeping the island of Ireland disease-free for animals and plants...

...and informal areas of co-operation such as a single integrated electricity market that supplies power to everyone.

Every area of existing cross-border co-operation must be respected.

If these are ever to change in the future, it will be a matter for Belfast and Dublin in accordance with the three-stranded approach, not as a consequence of our EU exit.

Fourth, we will uphold the rights enshrined in the Belfast Agreement for all the people of Northern Ireland, right across the whole community.

This includes upholding commitments around mutual respect, religious liberties, equality of opportunity, tolerance and rights.

I know that there are some in the nationalist community in particular who worry that some of their existing rights could be eroded when the UK leaves the EU.

So we have already enshrined in the Withdrawal Agreement a legal guarantee of no diminution of equality and rights.

There have also been serious concerns raised about how UK immigration rules treat citizens here exercising their rights under the Agreement to be Irish.

The birth right to identify and be accepted as British, Irish or both, and to hold both British and Irish citizenship is absolutely central to the Agreement.

But I know that in some cases recently, people have encountered difficulties in securing their rights as Irish citizens to bring in family members. I understand the serious concerns that have been raised.

So I have asked the Home Secretary, working closely with the Secretary of State for Northern Ireland, to review these issues urgently to deliver a long term solution consistent with the letter and spirit of the Belfast Agreement.

Without a devolved Government – and with only unionists represented in the House of Commons – it is more important than ever that we uphold our duty to ensure all voices in Northern Ireland are heard.

I take that very seriously indeed and the UK Government will always work in the interests of the whole community.

So tomorrow I will be sitting down with the political parties to discuss the way forward and ensure that we can deliver for all the people of Northern Ireland.

Northern Ireland does not have to rely on the Irish Government or the European Union to prevent a return to borders of the past.

The UK government will not let that happen. I will not let that happen.

At the same time, we must continue to support all efforts that can lead towards the restoration of Northern Ireland's political institutions.

And the UK Government is absolutely committed to ensuring that when an Executive is restored it will have real influence to speak for all the people of Northern Ireland as we shape the UK's future relationship with the European Union.

As we work to address the unique challenges that Brexit poses to Northern Ireland, so I also want to ensure that we continue to maintain – and indeed enhance – the strongest possible bilateral partnership between the UK and Ireland.

I have said many times that I want to see a new, deep and special partnership between the UK and the 27 Member States of the European Union.

But our relationship with Ireland is deeper than our relationship with any of the other 27.

It is uniquely rooted in ties of family, history and geography.

The recent past has been a moment of reflection in the UK and Ireland as we

have commemorated the centenary of a series of key events in our shared history.

Ireland remembered the centenary of the Easter Rising in an inclusive manner which promoted a greater understanding of our often troubled history.

While our two countries remembered together the shared sacrifice of so many who fought side by side in the First World War.

The ceremony at Messines in 2017, attended by HRH the Duke of Cambridge and former Taoiseach Enda Kenny was particularly poignant, as it remembered the soldiers of the 16th Irish and 36th Ulster Division who both played a key role in the Allied victory in that battle.

Today those ties of family and friendship between our countries are more important than they have ever been.

And I believe there is a yearning in the hearts of all the peoples of these islands for a close and trusting relationship between all of us, and an absolute horror that we should take even a single step backwards in the progress we have collectively achieved.

So I want to work closely with the Taoiseach Leo Varadkar and the Irish Government, as so many of our predecessors have before, to strengthen the bilateral relationship we have built.

And this can and should take many forms.

We already have the British Irish Intergovernmental Conference, and regular Summits between UK and Irish politicians. But as we leave the European Union, we will need to establish new ways of coming together to develop further our unique relationship.

For example, the Irish Government has suggested annual meetings where the Prime Minister and Taoiseach, together with senior Ministerial colleagues, come together to discuss the big issues of the day.

We will also want to strengthen our economic relationship and have already together identified areas like construction and smart cities as ripe for enhanced collaboration.

And both the UK and the Irish Governments have already made clear that we would support the tantalising possibility of a joint UK and Ireland World Cup Bid for 2030, should our respective football associations choose to pursue this.

We also want to find creative ways of enhancing the links between all our peoples – and in particular, to build the links between our young people.

I know there is a sense that many British people do not know enough, or understand enough, about the complexity of the long relationship between the UK and Ireland. And a sense that some Irish people are less familiar with the forces and motivations that help to shape views in the UK.

So as part of these new ways of coming together, I would like to us to look in particular at opportunities for our young people to discuss these issues and others in a structured way and to reflect on their vision for our future relationship.

I know this is a concerning time for many people here in Northern Ireland.

But we will find a way to deliver Brexit that honours our commitments to Northern Ireland...

...that commands broad support across the communities in Northern Ireland...

...and that secures a majority in the Westminster Parliament, which is the best way to deliver for the people of Northern Ireland.

As we do so, I hope we can also take steps to move towards the restoration of devolution – so that politicians in Northern Ireland can get back to work on the issues that matter to the people they represent.

For ultimately, the measure of this moment in Northern Ireland's history must be more than whether we avoid a return to the challenges of the past.

It must be how, together, we move forwards to shape the opportunities of the future.

As Prime Minister of the United Kingdom, it is a profound honour and duty to play my part in shaping that future...

...and to do my utmost to support the peace, prosperity and progress that can give the people of Northern Ireland, the brightest future for generations.