

Speech: A World To Win

Friends, it's a pleasure to be here and a particular pleasure to follow Minette's brilliant speech. It's particularly reassuring, Minette, to know that at the end of what's been a highly successful year of your presidency that the NFU meets in good order under your leadership. And, of course, we meet at a time when the world is facing change.

Our world is at inflection point. Political, technological, social and environmental forces are reshaping the globe more powerfully than ever before, and at an accelerating pace. If we are together to meet, and master, those forces it will require of us – all – adaptability, imagination and clarity of vision.

A Union That Wins

And when it comes to adaptability, imagination and clarity of vision this union is fortunate. Your President, Minette, is one of the most impressive leaders in British public life today. In her first year in office, and it has been a busy first year in office, she has already achieved a huge amount – and I know that she will succeed in achieving even more for you in the months and years ahead.

In the last year, thanks to Minette's leadership, and the combined efforts of her superb team – Terry Jones, Nick von Westenholz, Guy Smith, Stuart Roberts, John Davis from NFU Cymru among others – the NFU's voice has been heard at the heart of Government and the changes that you have asked for have, in many cases, been secured.

Alone among sectors, farming has quite rightly secured special treatment in future migration policy with the establishment of a new pilot seasonal workers scheme which has the potential to expand as the market requires in the future.

Again, thanks to NFU advocacy, changes were made this summer to rules on abstraction and grazing to help farmers through a particularly challenging time.

The NFU's careful deployment of arguments not only shaped our initial Agriculture Bill – the first for a generation – but amendments that your union have been instrumental in designing look set to strengthen it yet further.

Already, the Bill creates new powers to improve the functioning of the supply chain, to support farmers through extreme market disturbance, to safeguard producer organisations and provide new sources of income for farming business. And we are in new discussion about how to go further to support the sustainability of food production and to protect our high standards that Minette rightly underlined were so important in a competitive trading environment

We have been clear – across Government, from the Prime Minister down – that we will not lower our standards in pursuit of trade deals, and that we will use all the tools at our disposal to make sure the standards are protected and you are not left at a competitive disadvantage.

That is why today I welcome Minette's call to establish a Commission bringing together expertise from across the country and across sectors to ensure that we can maintain the world-class standards which give British food producers their well-deserved global reputation.

It's not just on maintaining standards that your voice has been heard. You have won guarantees on future funding too.

NFU advocacy has helped guarantee consistent levels of cash support for farming until 2022 – a more durable guarantee than any other EU nation currently enjoys.

And as we, like other nations, move to new methods of support, the NFU's arguments for a suitable transition period, and appropriate support for productivity investment during that period, have been heard, adopted and will be implemented.

Minette's own championing of a new Livestock Information Programme to strengthen animal health protections and give food producers a world-leading platform to compete on provenance and quality has also changed policy decisively and it has resulted in additional Government investment.

Alongside those changes, the NFU has also been central to establishing a new Food and Drink Sector Council, laying the groundwork for a new Food and Drink Sector Deal and initiating a new National Food Strategy – again the first for a generation.

We have also listened to the concerns expressed by people in this hall, and articulated so powerfully this morning by Minette, about the need to maintain focus and energy in the fight against Bovine TB. The independent Godfray report confirmed that targeted culling will continue to have an important part to play in tackling this dreadful disease – alongside work to further improve biosecurity – and Minette's support for the deployment of every tool at our collective disposal to tackle this scourge has been critical.

There's another scourge farmers have had to endure where more needs to be done – and that is the environmentally damaging and economically costly practice of fly-tipping. The concerns Minette has articulated on your behalf led to the launch of a waste crime review and new policies to tackle this criminality in our waste and resources strategy. The Environment Agency, the police and magistrates all now know that they need to do more and the powers are there. Fly tippers now face the prospect of unlimited fines for their crimes. And let's be clear- they should pay the price for their behaviour – not innocent farmers.

And when it comes to preparing for every Brexit eventuality, Minette's arguments for special protection for agriculture and food production in every

scenario, with particularly robust protections in the event of no deal, have been heard loud and clear within Government.

So on labour, fairness in the supply chain, support for POs, guarantees on future income, investment in productivity, investment in animal health, support for livestock farmers, support for all farmers facing climate stress, a greater emphasis than ever before in Government policy on food, action to tackle bovine TB, tougher penalties for waste criminals, sensible tariffs, defence of standards.

Minette has been winning battles for everyone in this hall. She is your champion and there could be none better.

Whatever the weaknesses in policy or delivery Government is responsible for, and I will turn to some of them in a moment, Minette and the NFU have been dedicated, indefatigable and successful, again and again, in getting things right for Britain's farmers.

And one of the critical reasons for that is that Minette, and your leadership team, understand that the future for farming, and food production, requires us all to lean in, to be change-makers rather than reactive or passive in the face of the forces re-shaping our world.

A World Of Change

And we should not underestimate – and I know we don't – the scale of change we all face. It's not just Brexit, although I shall say much more about our departure from the EU in a moment.

There are huge demographic changes coming. Our population is increasing, across the globe cities are growing and rural areas are depopulating, the numbers leading increasingly prosperous and middle class lives are mushrooming and all these changes are driving increased demand for food and especially high quality protein, cereals, fruit and vegetables.

At the same time, global warming and other environmental changes are rendering once fertile parts of the globe increasingly inhospitable for agriculture. The nations of the global north – Canada, the US, Europe and, pre-eminently, the United Kingdom will, inevitably, become more and more important in meeting the needs of a hotter and hungrier world.

There are huge opportunities for British agriculture to meet this growing demand and provide a growing share of the world's food supply.

But in doing so we must lean in to another profound set of changes. Technology is remaking our world and every aspect of our economy. There are – of course – some skills which no technological innovation can ever supersede. The hard-won knowledge of the Lake District shepherd hefting sheep as generations before him or her have done, the careful husbandry of other livestock, the delicate judgements growers make reflecting an understanding of their specific landscapes, they're all part of what makes farming such a unique profession.

But while farming depends on special skills, it is also being transformed by the technologies changing all our lives. AI and machine learning, big data and genomics, drones and robotics, decarbonisation of energy generation and advances in battery technology, biotech and life science breakthroughs, electronic monitoring and smart sensors and so much more are re-making the organisation and economics of food production.

Which is why we are investing more in R&D, making support available for investment in the technology which will make individual farm businesses more productive and encouraging collaboration and co-operation in the adoption of new technologies.

Many of these breakthroughs not only increase productivity, they also help us safeguard and improve the natural environment on which not just our future prosperity, but our survival, depends.

Precision application of pesticides and fungicides, drones rather than ground vehicles, gene-edited crops which require no additional chemical protection, data analytics which can refine and target necessary interventions, sensors which can alert us to animal disease and maximise dairy yields, all of these and more can both make food production more efficient and lighten our environmental foot print.

Which is all the more necessary given the scale of environmental pressure we are all facing. Last summer, as Minette reminded us, powerfully underlined the impact of climate change on food production. And as the world warms so the impacts, and volatility of those impacts, will only grow.

As the planet heats up, as oceans acidify, as our rivers and seas become clogged and polluted, as our pollinators become threatened, as the organic content of soil becomes depleted and biodiversity diminishes, the ability of our earth to remain fertile and fecund, to sustain plant, animal and human life, comes under greater and greater stress.

That is why concern for our environment, and careful steps to steward our natural capital, are not diversions from the business of food production, but as everyone in this hall knows they are – central to the future of our food economy. And no-one has been clearer in the need for food production and environmental enhancement to be twin goals of land use than Minette.

Her commitment in pledging that we should aim for a net zero target for carbon emissions from farming is precisely the sort of leadership on the environment the world needs to see. And I am delighted today to applaud her for her vision.

Our changing environment is not the only challenge to which we must rise in preparing our food economy for the future. We need to ensure that we adapt to the growing awareness, and concern, about public health.

With obesity and related conditions – such as diabetes and heart disease – on the rise we need to think more about how we develop a truly healthy food economy. And here I believe that British farming has a leadership role to

play second to none.

Every critical component of a healthy diet is produced by British farmers – better than anyone in the world. Cereals and pulses, salads and other vegetables, soft fruit and juices, milk, yoghurt and cheese, poultry and red meat – all the essential elements of a balanced and nutritious diet are produced in abundance and to the highest standards by the people in this hall.

I welcome the increasing public attention paid to the circumstances in which food is produced and the need to make healthy choices in our daily diet. This scrutiny only strengthens the hand of British farmers. A demand for higher standards, for more sustainable production, for high standards in animal welfare and more nutritious choices can only mean a demand for more high quality British produce rather than the alternative.

But while I welcome, as we all should, a more demanding approach from consumers, because British farmers are best placed to meet that demand, we should not shirk, and I will not shy from, defending every sector of British farming. British livestock and British dairy farmers produce the meat, milk and cheese which provide us with the protein, calcium, vitamins and other minerals which contribute to greater choice for all in meeting our need for high quality food.

Dairy farmers deserve protection from activists who would undermine their work, they – our dairy farmers, alongside sheep and beef farmers play a critical role in keeping pastures and other vital landscapes resilient and strengthening rural economies and rural society. That's why I am an enthusiastic supporter of initiatives such as Febru-dairy which remind us how much we owe our dairy farmers and why, at the end of a hard day at Defra, I am always happy to raise a pint – of full cream milk – to thank them for what they do.

And I am particularly conscious that it is dairy – and even more so livestock – farmers – who face the biggest challenges if we fail, as a government, to secure a good Brexit deal.

Securing The Best Brexit

A majority of farmers voted for Brexit – as did I – and I can understand all too well why farmers did.

The inflexible operation of the Common Agricultural Policy – the three crop rule, the requirement to apply for support by fixed dates after wrestling with the most convoluted bureaucracy, the requirement for mapping and re-mapping which treats honest farmers with grotesque insensitivity, the rigidity with which rules on field margins and hedge cutting have been applied – all these and so much more need to be reformed fundamentally.

Life outside the EU and the CAP will allow us to apply necessary rules with greater proportionality and flexibility. The work of Dame Glenys Stacey in her outstanding report on farm inspection and regulation shows us how to

reduce the regulatory and inspection burden and showcase higher standards.

That is not the only gain which life outside the EU can secure for British farming. We can re-make the nature of farm support, directing money to the most deserving.

We can target support for small farmers, upland farmers and innovative active farmers for the goods they generate which are not rewarded in the market.

We can reward better those who are doing all the right things environmentally. And we can support others to make changes they hanker after but whose upfront costs have so far been a deterrent.

And we can forge the right sort of new trade deals. We can secure better access to international markets where demand for lamb is rising even as it falls in Europe.

We can ensure those cuts which UK consumers don't favour find a bigger share of the market in the areas like the Far East and beyond, allowing better carcass balance and thus equipping domestic producers to meet more of the home demand in areas such as pork and bacon where domestic producers can replace Danish and Dutch production.

All these gains – and more – are open to us as we take back control of food and farming policy and instead of submitting to an out of date and out of touch one size fits all EU policy we can tailor future policy to our needs.

But all these potential gains are potentially compromised, indeed put at severe risk, if we don't secure a deal with the EU.

The deal the Prime Minister has secured already holds out the prospect of tariff and quota-free access to the European market, with the minimum of friction and the flexibility to operate wholly outside the CAP.

Parliament has asked the Government to improve that deal – specifically by seeking changes to the Northern Ireland backstop and alternative arrangements to the customs approach envisaged in the backstop. The PM and others are negotiating hard in Brussels this week to secure those changes and I am optimistic we will see progress. And I am also optimistic Parliament will back an improved deal.

Because if we leave without a deal then there will be significant costs to our economy – and in particular to farming and food production.

As things stand, just six weeks before we are due to leave, the EU still have not listed the UK as a full third country in the event of no deal being concluded. That means as I speak that there is no absolute guarantee that we would be able to continue to export food to the EU. I am confident we will secure that listing, but in the event of no deal the EU have also said they will impose strict conditions on our export trade.

If we leave without a deal the EU has been clear that they will levy the full external tariff on all food. That means an increase of at least 40% on sheep

meat and beef, rising to well above 100% for some cuts. The impact on upland farmers and the carousel trade in beef would be significant and damaging.

The vast majority of our sheep meat exports – 90%- go to the EU, France in particular. Tariffs at that level would increase prices dramatically. We know that other nations are hungry for that trade. Other EU nations – from Spain to Romania – would seek to supply French markets. And nations like New Zealand and Australia would still have tariff-free trade for a specified quota of sheep meat to the EU while we would have no such access in the event of no deal.

Of course, our exports are in demand because of the high quality of our fresh produce – second to none in the world. But if European buyers do switch contracts because tariffs make our exports significantly more expensive it will be difficult to re-establish our market access even if those tariffs come down in the future.

Tariffs are not the only problem we would face. All products of animal origin entering the EU would face SPS checks. The EU's current position is that 100% of imports would need to be checked. And, in order to be checked every import would need to go through a border inspection post.

A huge proportion of our food exports to the EU currently go through Calais. As I speak there are no Border Inspection Posts at Calais. None. The French authorities promise to invest in BIP capacity but with just six weeks to go we face considerable uncertainty over future arrangements.

The requirement for checks will inevitably slow the processing of exports, and for every lorry that is delayed at Calais there is a knock-on effect for other haulage and the rapid turn-around of roll-on roll-off ferries.

We can expect, at least in the short term, that those delays in Calais will impede the loading of ferries, constricting supply routes back into Britain and furring up the arteries of commerce on which we all rely. That will only serve to increase transport costs for British exporters.

In addition, UK exporters will also need to comply with new customs paperwork, we'll need to work with HMRC for new registrations and we'll need to supply Export Health Certificates where none have been required before.

New labelling will be required for UK products of animal origin exported to the EU and some sectors, such as organic food producers, may not have their products recognised as distinct until some time after we leave.

The combination of tariffs, in some cases doubling or more the price of exports, new checks which will be time-consuming and costly, increased transport frictions and cost, new labelling, customs and SPS requirements will all create significant difficulties for food exporters – small businesses and in particular small livestock farmers would be the worst hit.

The Government is, of course, doing everything it can not just to secure a deal but also to mitigate the impact of leaving without deal. The NFU and others have made strong arguments about the need to ensure stronger tariff

protection for British farming, in particular stronger protection for British farming than any other sector of the economy.

In particular, you have argued that we need tariffs on sheepmeat, beef, poultry, dairy, both milk and cheese; and pig meat in order to safeguard our valuable domestic production. Your concerns have been absolutely heard and announcement on new UK tariffs in a no deal scenario – with specific and robust protections for farming – will be made shortly.

And, of course, we also have the power to intervene to provide direct cash support to the most vulnerable sectors and I will not hesitate to provide the support required.

But while I can and will energetically and determinedly try to deal with the consequences of no deal let no one be in any doubt how difficult and damaging it would be for British farming.

Of course, Britain is a great and resourceful country and no sector of our economy is harder-working and more resourceful than our farmers and food producers. Over time we would get through.

But I emphatically do not want to run the risks that leaving without a deal would involve.

It is critically important that every decision-maker in London, every parliamentarian who will vote in coming weeks, understands what no deal would involve for British farmers and food producers. No one can be blithe or blasé about the consequences.

Which is why I hope you will make your voices heard, as you have already, in asking our MPs not to undermine or put at risk the potential gains of Brexit by voting for us to leave without a deal.

Of course, there are many other areas where your voice must also be heard by decision makers in the weeks and months ahead – and other areas where Government can and must do better.

Reform Starts At Home

We have to do better in the delivery of countryside and environmental stewardship payments. They are still in a mess, the consequence partly of historic IT procurement decisions and the split responsibility for scheme administration between Natural England and the RPA, which led to inefficiency and confusion.

Yes, it is the case that the rigidities of EU rule-making made delivery more difficult. But we must take responsibility in Defra for our share of the errors and I do. Which is why we have put in place a new management structure and delivery mechanism for all farm payments.

We have seen an improvement this year in BPS delivery and we will be making further changes to secure full payment for those whom have waited far too

long.

We have also committed to making payments to 95% of CS 2018 customers by March 31, and to meet this target I can announce today that we will introduce bridging payments of between £24 and 28million in early April. So no eligible recipient will wait beyond early April to receive the payment that they deserve.

We also expect to pay 95% of CS final payments by the end of July 2019. And in order to bring down processing times, and speed up completion claims by a month, we will move to making full CS payments straight away.

On ES, there is still more we want and need to do, and our focus is firmly on making operational improvements. We expect to complete 95% of ES 2017 final payments by the end of July.

Since the beginning of October, the remaining 18,000 ES agreements have been handled by the RPA; that number will fall to around 13,000 next year as some people are moved over into CS when their HLS agreements run out. The process should become more efficient now that it is being handled by a single body with a clear line of command. And Paul Caldwell and the team at RPA are already beginning to deliver the changes that we all need to see.

And, of course, as I already mentioned, on BPS claims, 97.4% have been completed this year, with a total value of £1.68billion. This is the best performance by the RPA since the scheme began in 2015, but any farmers still waiting at the end of March will be automatically offered a 75% bridging payment in early April, in order to secure their future.

I hope these steps will underline how committed we are to improving the payment system. But I know there is more to do.

As there is with our Agriculture Bill. You are right, Minette, to demand that the Bill be properly scrutinised, that thoughtful amendments be considered fairly and more changes made. The Agriculture Bill is not the last word in our plans to support British farming – far from it.

There is much more that we can do to ensure that in procurement policy, trade policy and research investment we strengthen the position of domestic food producers. But we must also use this Bill to create the best possible framework for the future and listen to you as we do so.

I began by outlining the scale of change we all face – in Government, in industry, in society and in farming and food production especially. My ambition is to manage and channel that change to strengthen British farming and the British countryside.

I love the United Kingdom and its countryside in all its diversity and beauty. I was brought up in Aberdeen in a family that has been in the food business for generations. My dad ran a small business providing high quality food to consumers across the UK and my first job after school was working in a farming co-operative, so I want to do everything I can to support our food producers and farmers to lead and prosper in the future.

I believe together we can, if we make change our ally, that if we meet the challenge of improving our environment we can demonstrate global leadership in strengthening our rural economy, if we recognise that economic change provides us with an opportunity to feed more of the world more healthily than ever, we can strengthen rural society and our rural economy. I believe that political change enables us to design policies that suit all of the nations in the UK and all of our rural communities more smartly and sensitively than ever before and I believe technological change allows us to lead the world, as we have in the past, in pioneering a new agricultural revolution that plays to our country's immense strengths.

I know we can meet, and master, these challenges of the future and I know we will do so if we stay true to the best traditions of British farming exemplified by all those of you in this hall today.

[News story: Apply to the Attorney General's Civil Panel Counsel – London A, B and C Panel](#)

The Attorney General is seeking to appoint new members to three of his panels of junior counsel, the London A, B and C panels, to undertake civil work for government departments.

Membership of the London panels is open to both barristers and solicitors with the appropriate qualifications.

London A Panel

Members of this panel deal with the most complex government cases in all kinds of courts and tribunals including the Supreme Court. They will often appear against QC's. Those previously appointed to the A panel have generally had in excess of 10 years advocacy experience in actual practice (from end of 2nd six months' pupillage for barristers, date of commencement of advocacy for solicitors).

London B Panel

Members of this panel deal with substantial cases but not in general as complex as those handled by the A panel. They will generally be instructed where knowledge and experience of a particular field is required. Those previously appointed to the B panel have generally had between 5 and 10 years advocacy experience in actual practice (from end of 2nd six months' pupillage for barristers, date of commencement of advocacy for solicitors).

London C Panel

Members of this panel will be expected to have at least two years' experience in actual practice (from end of 2nd six months' pupillage for barristers, date of commencement of advocacy for solicitors). Those appointed to the C panel will often (but not exclusively) provide the A and B panel members of the future and so should have the potential to join the A panel. Please note anyone who applied for the 2018 autumn London C Panel exercise who proved unsuccessful can apply again this spring. References submitted for the 2018 C Panel exercise will be accepted if for this latest exercise.

In choosing which of the panels to apply to, candidates will want to make a careful decision based on which best suits their level of expertise and experience.

Appointments will be for five years.

As is the case every year, the Attorney General is looking for applicants with experience in general public and administrative law; employment; or personal injury. For the 2019 exercise, the Attorney is also looking to deepen the capacity of the panels by appointing specialists in the following areas:

- Admiralty
- Competition and State Aid
- Construction
- Contract / Commercial (including Digital Commercial skills)
- Corporate
- Costs
- Directors' Disqualification
- Education, including teacher regulation proceedings
- Energy/Utilities
- EU Law
- General Tax Work – Direct and Indirect, Personal and Business
- Human Rights
- Industrial Relations
- Information Law and Data Protection
- Inquests
- Insolvency
- Intellectual Property
- International Law
- Land and Planning/Environmental
- Mental Health/Mental Health Capacity Act 2005
- Pensions
- Planning
- Procurement
- Property
- Rating and Valuation
- Social Security, including free movement, social justice and statutory payments
- Trade Law and International Trade

- VAT & Duties

The Attorney General is also looking to appoint applicants capable of advising departments on the interface of public and commercial law issues, and also where criminal or regulatory issues arise in public law cases. There is a particular need for advice on the proceeds of illegal activities.

Public International Law and Trade specialists are also eligible to apply for appointment to the Public International Law (PIL) panel, and there is no bar to being a member of both panels. The date for the next PIL panel competition is under consideration so those with these specialisms are encouraged to apply in this competition.

Application

To obtain details about the application process, we recommend reading our [Information for candidates](#) (MS Word Document, 54.8KB) document and the [Frequently Asked Questions](#) (MS Word Document, 55.5KB) sheet.

To make an application, please email panelcounsel@governmentlegal.gov.uk and register an interest in applying. Please note that registering an interest does not commit you to making an application if you later decide not to do so.

Once you have registered, you will be provided with a link to access our online portal to obtain the full application pack.

Completed applications must be submitted by noon on Tuesday 2 April 2019.

Further information and mentoring

If you have any queries, please feel free to raise them in the first instance with the Government Legal Department Panel Counsel Secretariat via email panelcounsel@governmentlegal.gov.uk or on 020 7210 1506.

We wish to encourage applications from as wide a range as possible of those eligible to apply. We will therefore endeavour to put advocates who are considering applying and who want to discuss the application process in touch with an established Panel member. The mentor will discuss either by telephone or in a meeting the application process, the eligibility criteria and the presentation of relevant information on the application form.

If you are considering applying and want a mentor please contact the Panel Counsel Secretariat via email: panelcounsel@governmentlegal.gov.uk on or before Friday 15 March 2019.

[News story: Fatal accident at Tibberton footpath crossing](#)



Tibberton No. 8 footpath crossing

At around 09:55 hrs on 6 February 2019, a member of the public crossing the railway lines at Tibberton No. 8 footpath crossing near Worcester was hit by an approaching train travelling from Nottingham to Cardiff. The train was travelling at 99 mph (158 km/h) and the member of the public sustained fatal injuries.

Evidence indicates that another train travelling in the opposite direction had passed the crossing shortly before. The member of the public had been waiting at the crossing for the passage of that train. He then started to cross seemingly unaware that another train was approaching. The weather at the time of the accident was foggy.

Our investigation will encompass examination of the measures in place to control the risks associated with use of this crossing in foggy conditions, and consider the relevance of the passing of the two trains in the region of the crossing.

Our investigation is independent of any investigation by the railway industry, the British Transport Police or by the industry's regulator, the [Office of Rail and Road](#).

We will publish our findings, including any recommendations to improve safety, at the conclusion of our investigation. This report will be available on our website.

Published 19 February 2019

News story: Smart tracking of waste across the UK: GovTech Catalyst competition winners announced

Five companies working across the UK have been awarded up to £80,000 to develop innovative digital solutions to tackle the challenge of tracking waste from its source through its treatment and final disposal.

The UK [generates](#) more than 200 million tonnes of waste a year with individual waste transactions [estimated](#) at above 20 million. However, the subsequent transport and disposal of this waste can be complicated and at times fragmented.

In November 2017, the Cabinet Office [announced a £20m](#) Innovate UK fund to encourage tech firms to deliver innovative solutions to public sector challenges, like the improvement of waste tracking and action against waste crime.

Government wants to know more about how this waste is generated, handled, and disposed of in the UK. By helping UK regulators take action against waste crime, and spot opportunities for companies to join up their waste operations, this will help to maximise the value of waste as a resource, and minimise damage to the environment.

The successful projects include research into tracking waste through electronic chips and sensors, the use of blockchain, looking at common reporting platforms, and new data analytics.

Environment Minister Thérèse Coffey said:

We want to move towards a more circular economy, where waste is valued as a resource and reused. We are also committed to cracking down on waste criminals who exploit the system.

Congratulations to the winning projects. I look forward to seeing their innovative waste tracking solutions which will help us to meet these ambitions, and play their part in helping us achieve zero avoidable waste in the UK by 2050.

Minister for Implementation Oliver Dowden said:

The GovTech Catalyst is a great example of collaborative working between the Government and innovative start-ups.

The effective management of waste will help improve the environment and boost this emerging industry, clearly highlighting how our

investment in smarter technologies is crucial to tackling public sector challenges.

At the end of a three month feasibility stage, up to two projects may then be selected and funded up to £500,000 each to develop and field test a prototype in a second phase of GovTech Catalyst, expected to open later this year.

The £400,000 funding follows [an independent review](#) into serious and organised waste crime commissioned by Environment Secretary Michael Gove last year. The [review found](#) that the lack of digital record-keeping in the waste industry is frequently exploited by organised criminals who mislabel waste to avoid landfill tax or illegally export it.

Today's announcement builds on government's recently published [Resources and Waste Strategy](#), which sets out government's intention to clamp-down on illegal movements of waste at home and abroad including by introducing compulsory electronic tracking of waste.

Further information

- 'Blockchain' is a way of recording data more securely
- 'Common reporting platforms' refers to new ways of reporting data in one place

About GovTech Catalyst

- [GovTech Catalyst](#) is a [£20 million fund](#) to help tech firms deliver innovative solutions to public sector challenges.
- It encourages small, emerging technology businesses to create and develop innovative solutions to public services, that once proven can move to scale both to the advantage of markets and society.
- GovTech Catalyst is run by the GovTech Catalyst team at [Government Digital Service](#) with support from [Innovate UK](#).
- Funding for the competition is under SBRI (the Small Business Research Initiative), which aims to bring together government and businesses to find innovative solutions to public sector challenges.
- £250,000 was provided from the GovTech Catalyst fund secured by Defra working with the environment agencies in England, Scotland, Wales and Northern Ireland, with an additional £150,000 provided by Defra. *There were [5 different challenge competitions](#) awarded funding in the first GovTech Catalyst round: Identifying Daesh still imagery; tracking waste through the waste chain; tackling loneliness and rural isolation; cutting traffic congestion, and deploying smart sensors on council vehicles to improve services.

About the winning projects

1. Anthesis: Defra Smart Waste Tracking Project

[Anthesis](#) is a global specialist sustainability services and solutions

provider; founded on the belief that sustainable business practices are at the heart of long-term commercial success.

Their project will design and test the feasibility of an innovative waste tracking system called 'Vastum'.

It is expected that the system will reliably and securely record all waste movements in the UK; allowing waste to be effectively tracked to its final destination. The system will provide a powerful tool in helping to protect the environment. It will also make sure that waste producers and managers comply with waste regulations and help regulators identify and take action against illegal waste crime.

The new tracker will also help to bring together the many forms of waste data that are currently being collected into one new system. Anthesis will undertake a feasibility assessment for the waste tracking concept based on a blockchain approach, applying proven technology mainly used in the finance sector. Blockchain securely records transactions into a 'distributed ledger' on a time stamp basis. The tracker can be expanded to replace the myriad of existing reporting and compliance data systems used by waste producers, collectors and the regulators.

Importantly, recording waste movements at source by the waste producer, will also address the current data gaps that exist.

See their [video](#) for more information about the project.

2. Dsposal

[Dsposal](#) is a clean-tech start-up working towards a world where all waste is treated as a resource.

They build easy-to-use tech to connect all waste producers to licensed waste services and make compliance simple. They believe in making the relevant data accessible and convenient to use, driving behaviour change and creating value by maximising the utility of waste.

The KnowWaste project is designed to bring a smart waste solution in two parts. The first is a simple, free to use waste app. This can be used by any person or organisation to deal with their waste correctly. We enable the whole waste job to be handled in the app. From picking a licensed waste company to checking their credentials and paying for the job when it's been carried out compliantly. Everyone along the waste pathway benefits.

The second part of KnowWaste is the design of an open data standard for waste on which will be built a central database. Using a standard means that we can gather better quality data. Which will help us all meet the ambitions in the Resources and Waste Strategy. This single central database will connect the separate systems currently in use, providing the regulators with the oversight they need and the industry with the insight it requires.

The Dsposal KnowWaste project team is strengthened by working with partner organisations – [Open Data Manchester](#) and [The University of Bradford](#), an Ellen

MacArthur Foundation 'Pioneer University' – to enhance and ground the project.

See their [video](#) for more information about the project.

3. International Synergies Limited

[International Synergies Limited ISL](#) specialise in resource efficiency methodology, tools and techniques. They are the world leading authority on industrial symbiosis: repurposing one company's waste or underutilised resources so that it can be used by other organisations. In doing so, reducing organisational costs, increasing profits and, benefiting the environment by reducing carbon emissions and diverting waste from landfill.

The System for Waste Enhancement, Evaluation and Tracking (SWEET) project will demonstrate the feasibility of creating a digital solution that will simplify current data entry processes through big data, machine learning and artificial intelligence (AI).

An adaptation of ISL's award winning SYNERGie® 4.0 platform, that will:

- record and track individual movements of waste through the economy
- provide an innovative solution to maximise the value extracted from resources
- support the elimination of waste crime through tracking of waste movements in real time
- validate collectors and receivers against registered lists for all sites, and,
- capture the UK incoming/outgoing international waste movements to facilitate audit processes

It will also explore the development of an application programming interface (API) to enable the transfer/sharing of data, as well as financial models for system sustainability.

The team will work alongside Alutrade, Recycled UK and Birmingham City Council, to optimise the potential effectiveness of the project.

See their [video](#) for more information about the project.

4. PragmatIC

[PragmatIC](#) is a world leader in ultra-low cost flexible electronics; enabling the potential for trillions of smart objects to engage with consumers and their environments.

Their unique technology platform creates flexible integrated circuits (FlexICs) that are thinner than a human hair and can be easily embedded into any surface. These FlexICs provide the opportunity to add new functionality to items, as well as extending proven applications such as radio-frequency identification and near-field communication into mass-market use – cases that were previously prohibited by the cost of traditional silicon ICs.

PragmatIC's unique FlexICs are ideal for everyday Fast Moving Consumer Goods (FMCG) products. The vision for the future is that they will be applied to products via inlays and labels using standard manufacturing lines, and each individual product will be assigned a unique ID (UID). At the same point during manufacturing, data is attributed to that UID in a database, including: time and place of manufacture, packaging materials, product ingredients and sources.

As the UID stays with the item throughout its life, by tapping on the product at any time the database could be read and the data could be updated if required. For example: the wholesaler or retailer could tap to check authenticity and provenance, plus location data could be added; then when the consumer taps, details of local recycling information specific to the actual item or packaging type could be delivered.

During the Phase 1 project, PragmatIC will demonstrate the concept of attaching FlexICs to products and accessing the data that has been assigned to their unique IDs using low cost readers.

See their [video](#) for more information about the project.

5. Topolytics

[Topolytics](#) is a smart grid for the world's waste. It is a data analytics business that is mapping the generation, movement and fate of commercial and industrial waste materials globally. The resulting insights help waste producers and waste processors to maintain this material at its highest utility. Topolytics is a CE100 global circular economy innovator with the Ellen MacArthur Foundation and is recognised by Cleantech Group as one of the leading companies in the emerging 'wastetech' sector.

It supports commercial investment decisions around processing, recycling, remanufacturing and other ways of extracting value from waste materials and used assets. It also arms regulators and policy makers with better data, analysis and decision support, ultimately enabling a circular economy at scale.

Topolytics addresses the waste tracking challenge by mapping and analysing the generation, movement and fate of waste materials from waste producers, through the waste value chain to the ultimate destination – whether this be disposal, refuse derived fuel, recycling, re-manufacture or re-use. Given the diverse nature of waste material and sources, their approach to Phase 1 is to work with the Ordnance Survey to analyse household, municipal, commercial, construction and hazardous waste, and build maps of the waste movements system across four areas of the UK, giving us a range of metropolitan, rural and industrial environments.

Their existing experience working with commercial and industrial waste producers has highlighted the significant challenge of data integrity and accuracy, demonstrating that there is no single source of waste 'truth' and that the industry has a significant opportunity to be much more data driven. Their approach of building location intelligence into the heart of the UK

waste data system, will offer significant benefits to the waste producer and the progressive players in the waste industry.

See their [video](#) for more information about the project.

[News story: HMRC outlines phased approach for Entry Summary Declarations](#)

The government has today (Tuesday 19 February) announced plans to phase in for EU imports the pre-arrival forms known as Entry Summary Declarations, if the UK leaves the EU without a deal.

Officials on Monday held a series of meetings with organisations who represent the haulage industry and handle a significant portion of the UK's cross border trade, to confirm that from 29 March, the status quo will be temporarily maintained as they will not need to submit Entry Summary Declarations on imports for a period of six months.

Currently Entry Summary Declarations are not required when importing goods from the EU. They will continue to apply for trade from the rest of the world.

The measure is designed to give business more time to prepare for changes to EU-UK trade arrangements in the event that the UK leaves without a deal. This builds on the plans that Transitional Simplified Procedures (TSP) can be used for at least 15 months for customs declarations.

Financial Secretary to the Treasury Mel Stride MP said:

We've listened to businesses and are responding to their concerns.

We have been adamant that in the event of no deal, trade must continue at our borders, and we will continue to make our borders secure.

Maintaining continuity with the current system for the first six months and phasing Entry Summary Declarations in will ensure we deliver on that promise.

The new rules only apply to goods coming from the EU, and will maintain the status quo for carriers. Importers will still be required to submit import declarations for customs purposes – which are not the same as Entry Summary Declarations. HMRC announced ways of making these import declarations easier,

through Transitional Simplified Procedures on 4 February 2019.

After the six-month transitional period, carriers will be legally responsible for ensuring Entry Summary Declarations are submitted pre-arrival to HMRC at the time specified by mode of transport.

The measure will not change the UK's commitment to ensuring our borders remain secure in the event of a no deal and Border Force will continue to carry out intelligence-led checks. A Readiness Task Force in preparation for EU Exit is being recruited and Border Force is on track to increase staff headcount by 900 at the end of March 2019.

The UK's approach to dangerous goods coming into the UK is not affected.

The briefings are the latest stage in HMRC's co-ordinated efforts to make sure traders are prepared for all Brexit outcomes.

Further information

- HMRC has already [announced](#) Transitional Simplified Procedures or customs.
- HMRC and HM Treasury made [£8 million available](#) to help private customs intermediaries and businesses increase their capacity and train employees to prepare for a no deal scenario.
- HMRC has written [three times](#) to 145,000 VAT registered businesses that only trade with the EU to provide them with actions to take to prepare for a no deal scenario
- HMRC has previously published more than 100 pages of [cross-government guidance](#) for businesses on processes and procedures at the border in a no deal scenario.