

Press release: PM meeting with PM Andrej Babiš of the Czech Republic: 24 October 2018

A Downing Street spokesperson said:

Prime Minister Theresa May met with Czech Prime Minister Andrej Babiš this afternoon in Downing Street for bilateral talks. The visit came as the Czech Republic celebrated its independence centenary, marking the foundation of Czechoslovakia.

The two Prime Ministers reflected on the strength of the bilateral relationship and the importance that this continues after the UK leaves the EU. They noted their close cooperation on defence and security matters, and on trade. Prime Minister May thanked Prime Minister Babiš for his support following Salisbury and offered her condolences on the death of a Czech soldier in Afghanistan on Monday.

Prime Minister May offered an update on Brexit negotiations, outlining work being done to finalise the withdrawal agreement and agree an ambitious future partnership.

Press release: Local government finance settlement date confirmed in government response to Hudson review

Local authorities will have more certainty to plan their budgets as government confirms it will aim for set dates each year for the provisional and final local government finance settlements, the Minister for Local Government Rishi Sunak MP confirmed today (24 October 2018).

The minister outlined the move in a response to an independent review into the department's oversight of the business rates system.

The review, led by former Director General at HM Treasury Andrew Hudson, found the department has managed the increasing complexity of the business rates and associated systems well, but its processes for managing the local government finance system should be strengthened further. This is in

anticipation of future challenges from the forthcoming Fair Funding Review, the 2019 Spending Review and the changes to business rates and their retention by local authorities.

The review also found the timetable for announcing both the provisional and final local government settlements has over the past few years moved to later in the year, allowing less time for scrutiny and for local authorities to set their budgets. It recommended that future provisional settlements be on or around the 5 December and the final settlement no later than the 31 January.

In a letter to the Chair of the Housing Select Committee, the Minister for Local Government Rishi Sunak MP confirmed the department will accept all of Andrew Hudson's recommendations and outlined the department is aiming to publish the provisional settlement for 2019 to 2020 on Thursday 6 December 2018. The letter also outlines the need to make sure each year that the settlement timetable aligns with fiscal events and Spending Reviews.

See the [full report and letter to Clive Betts MP](#).

Minister for Local Government Rishi Sunak MP said:

I thank Andrew Hudson for carrying out this thorough review. We accept his recommendations, and have already taken steps to ensure their implementation.

We recognise taking a more planned approach towards the provisional local government finance settlement in future will be fundamental to ensuring local authorities are given more certainty, and the time and space to consider their financial positions for the coming year.

With this in mind we will aim to publish the provisional and final settlements on or around the same dates every year from this December.

As part of the review's recommendations the department confirmed it is working with local government to design reform to business rates retention to make it simpler and this work will continue to be overseen by the joint MHCLG and Local Government Steering Group

Further information

Andrew Hudson's review was commissioned by the department's former Secretary of State the Rt Hon Sajid Javid MP [in April 2018](#) in response to a data error which gave an overpayment of £36 million to local authorities at the provisional settlement for local government in December 2017.

The review was built on the principles set out in the [Macpherson review of 2013](#) of the internal processes and procedures which underpin MHCLG overseeing

the business rates system, including policy decision-making and analysis and modelling.

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[News story: Standing on the shoulders of giants in a rising sea](#)

Standing on the shoulders of giants in a rising sea
Emma Howard Boyd speech to the Global Engineering Congress
London, 24 October 2018

Thank you and good afternoon.

This year, marks 200 years since the founding of the Institution of Civil Engineers.

Now, I haven't been involved in environmental protection for quite as long as 200 years – but for as long as I have, successive UK Governments have been asked to set out their long term ambitions for the environment.

In January, the Government did just that, and launched the 25 Year Environment Plan.

For me, a crucial passage says:

“We will take all possible action to mitigate climate change, while adapting to reduce its impact. We will do this by... Making sure that all policies, programmes and investment decisions take into account the possible extent of climate change this century.”

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Two weeks ago, the Intergovernmental Panel on Climate Change said limiting global warming to 1.5°C would bring benefits, but failure would be disastrous.

That disaster was summarised last week, at the launch of the Global Commission on Adaptation, as “hotter days, fiercer fires, bigger storms, rising and more acidic seas, shifting crop patterns, and the spread of tropical diseases into uplands and formerly temperate zones... among other threats.”

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I know you already know that.

Looking at the agenda for the Global Engineering Congress, I've seen sessions covering just a small selection of the challenges accelerated by climate change.

I've seen seminars such as:

- "The Case for non-sewage sanitation"
- "An introduction to resilience in an urban context"
- And, "Sustainable structural design: energy efficiency vs structural efficiency"

And, those are just three from today... Day three of five.

Clearly, there's a lot to understand and do.

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As engineers, you will be among the first people to find solutions to the problems brought by global warming.

Today, I plan to bring some other perspectives that I hope will be complimentary to your work.

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I'm going to talk about what's happening in Government and business (or "green finance", if you like), and then about how I think the Environment Agency and engineers can work together.

In short: I'll be talking about the biggest political, economic, and environmental challenge of our time.

And, no, I'm not talking about Brexit.

The business opportunities presented by climate change are generally better understood in terms of climate mitigation and "the low carbon transition".

You often hear people talking about getting the right "energy mix" to meet current energy needs, while reducing carbon emissions at a manageable rate.

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I think we also need to start talking about our "Adaptation Mix".

We already have a mix of natural and artificial systems for managing climate impacts, and by making good investments in infrastructure we can protect people now – and maximise prosperity in the future.

Mitigation and adaptation are mutually dependent.

Much has been written about coal and oil reserves becoming "stranded assets". It is vital that we don't invest in flooded or melting assets.

There is no point in engineering an energy efficient building that could be washed away in a flood.

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The Bank of England's Prudential Risk Authority said last week:

"If losses related to physical risk factors are insured they can directly affect insurance firms through higher claims.

"Global insured losses from natural disaster events in 2017 were the highest ever recorded.

"The number of registered weather related natural hazard loss events has tripled since the 1980s and inflation-adjusted insurance losses from these events have increased from an annual average of around \$10 billion in the 1980s to around \$55 billion over the last decade."

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There is another side to that.

The US National Institute of Building Sciences estimate that every federal dollar invested in resilience will gain a six-fold return.

In this country, the National Audit Office says that every £1 invested in flood management saves £9.50 in damages.

Earlier this year, the UK's Green Finance Taskforce highlighted that clean growth involves both decarbonising our energy AND building in resilience.

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I feel particularly aware of this because I worked in financial services for over 25 years.

As an investor, I listen when Mark Carney says:

"Financing the transition to a low carbon economy is a major opportunity for investors and creditors. It implies a sweeping technological revolution, including investments in long-term infrastructure at roughly quadruple the current rate."

The investment opportunities in the climate transition can be found in:

- smart technologies
- green mortgages
- low-carbon securities
- carbon trading
- insurance
- legal services
- consulting
- the architecture, design, and construction of infrastructure
- And, the management of rivers and coastal areas against flooding.

That's a lot of opportunities for people, governments, businesses – and engineers.

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There is more positive news. One of the best places in the world to invest in green finance is here in London.

The international operations of the City of London; the existing expertise and demand for sustainable investments; and the fact that the London insurance market is a world leader in natural hazard protection – makes it one of the leading green financial centres globally.

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This has been supported by policy.

Next month, we celebrate ten years of the Climate Change Act – internationally ground-breaking legislation that made the UK the first nation to set legally-binding targets for reducing carbon emissions.

It is flexible to the needs of the economy, but has a clear target: an 80% reduction of greenhouse gas emissions by 2050 compared to 1990 levels.

The Climate Change Act's carbon budgets reduced greenhouse gas emissions to 43% below 1990 levels by 2017. The share of electricity generated from fossil fuels has decreased from 80% to 50% between 2008 and 2017, and no new coal-fired power stations have been built since the Act was passed.

It is still transforming the power sector.

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The current Government has put clean growth at the heart of the industrial strategy.

In his Mansion House speech, the Chancellor announced a Green Finance Institute to be set up in the City, providing firms with a one-stop-shop for climate science and capital.

The Prime Minister has said: "By making our buildings more energy efficient and embracing smart technologies, we can slash household energy bills, reduce demand for energy, and meet our targets for carbon reduction."

Last week, the Minister of State for Energy and Clean Growth – and the Economic Secretary to the Treasury – announced they are working with the Infrastructure Projects Authority to explore how best to produce meaningful data demonstrating which infrastructure projects can be considered 'green'.

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Whatever else is happening in politics, the Government is showing it

understands the need to leverage green finance, in order to prepare for climate change.

But now, I'd like to talk about engineering and the Environment Agency.

The Environment Agency works to create better, climate resilient, places for people and wildlife.

Our other, equally important, objective is to support sustainable development and green growth.

Our operational activities are essential to the success of the 25 year plan.

My colleagues improve people's livelihoods, protect the natural world, and help businesses to grow. They also demonstrate progress towards international targets like the UN's Sustainable Development Goals.

We manage and maintain around 7,000 km of flood defences on main rivers, around 1,000 km of coastal defences (such as sea walls), 17,000 structures, and have permissive powers to maintain flood defences on 36,000 km of main rivers.

Engineering is central to who we are. Over 400 of my colleagues are engineers, from new graduates through to the most senior levels of the organisation.

Engineers maintain and operate national icons such as the Hull Barrier, the Medmerry coastal realignment scheme, and The Thames Barrier.

We were enormously pleased you included the Thames Barrier in the bicentennial ICE 200 list, celebrating inspiring structures that show the value of civil engineering to society.

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We look to balance grey and green infrastructure in our flood schemes, and natural flood management is an important theme in the Government's 25 Year Plan.

During a flood incident – when our decisions come under the most scrutiny – the discussion can often focus on a false choice between hard and soft engineering – but we do not recognise a conflict between them.

Actually, they support each other – as I saw last year, at Hondsbossche Dunes in The Netherlands.

The Dutch call the dunes “climate buffers”, because they extend the lifetime of the existing flood defences.

Natural Flood Management can be a cost-effective and sustainable way to manage flood risk alongside traditional engineering. It also creates habitat

for wildlife and helps regenerate rural and urban areas through tourism.

This mix of what nature provides; what we can innovate technologically; and what we build, is part of what I mean by “our adaptation mix”.

The adaptation mix is essential for meeting the Government’s 6 year flood programme target of reducing the flood risk from rivers, the sea, groundwater, and surface water, for at least 300,000 homes by spring 2021.

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Everyone needs to consider their flood risk more systematically.

Right now, 5.2 million homes and businesses in England are at risk of flooding, but the reality is that nowhere is 100% flood proof.

It is in people’s best interests to consider property level resilience measures for their own property and I ask you, as engineers, to make flood resilience the norm in all development – not just in areas most obviously at risk.

We welcome the recommendation – put forward by Sir John Armit and the National Infrastructure Commission – for a national standard of resilience for flooding with an annual likelihood of 0.5% by 2050, where feasible. And, with a higher standard of 0.1% in densely populated areas.

We need to carefully consider what this would look like in reality, but we look forward to discussing this further with the National Infrastructure Commission and ICE.

The Environment Agency is lucky to consider ICE a partner and friend.

This is demonstrated at an individual level: Ayo Sokale, a graduate civil engineer at the Environment Agency, is a member of the prestigious ICE President’s Future Leader scheme, and is working towards her Chartered Engineer professional accreditation.

A fantastic achievement.

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At an organisational level, we share the same concerns.

Last week, ICE made a crucial intervention on climate resilience, with the State of the Nation report on infrastructure investment.

Lack of water resources is not a futuristic concern.

From May to July, we saw the driest 3 month rainfall total for England since 1921. The average temperature this summer was the highest since records began in 1910.

The Environment Agency is committed to delivering the proper and efficient use of water resources.

We are a statutory consultee and government advisor on water company water resource management plans. These set out how companies will balance supply and demand, taking into account population growth, climate change, and environmental needs over a 25 year period.

We are working with the water companies to make sure the plans increase resilience through collaboration within the sector, as well as with other sectors, Government, and regulatory bodies.

We are also supporting the development of the national policy statement for water.

This will help the development of nationally significant infrastructure by streamlining the planning system – making it easier for water companies to build new schemes such as transfers or reservoirs.

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As we look to manage the next 25 years of environmental change, perhaps just as important as finance and policy, is preparing the ground for the next generation.

The Environment Agency is a great place to work.

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100 years after the Institution of Civil Engineers was founded, women got the vote.

Yet, women still make up less than 11% of the engineering sector.

Around 15% of the Environment Agency's engineers are women and we want to achieve a target of at least 30% female engineers by 2030.

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There is a large skills gap looming, and more diverse workforces have more to offer – so it has never been more important to encourage more people – both women and men – to choose a career in engineering.

To conclude:

Climate change brings many new and dangerous threats, but over the last 200 years, innovation and excellence in UK engineering has given us strong foundations to build on, and advance with.

We are standing on the shoulders of giants. Severe weather threatens to throw us off, so we must be resilient and learn to adapt.

The impacts of global warming over the next 25 years are undoubtedly terrifying – but if we successfully manage our energy mix and, I would suggest, our “adaptation mix” too, there will not only be benefits to people and the natural world, there will also be huge opportunities for people, businesses, governments...

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