News story: Cutting industrial waste in India: apply for innovation funding

Innovate UK, the Biotechnology and Biological Research Council (BBSRC) and the Engineering and Physical Sciences Research Council (EPSRC) have up to £8 million to invest in joint UK-India projects that reduce industrial waste and pollution in India.

The investment is part of the Newton Fund, which uses science and innovation to promote economic development and social welfare of official development assistance (ODA) partner countries. The competition is funded in India by the Government of India’s Department of Biotechnology (DBT).

Projects can target 5 key areas

Projects must use biotechnology to aim to reduce waste and pollution and improve the recovery of value from waste in 5 areas:

- leather, tanning and/or textiles
- municipal solid waste
- paper and pulp
- sewage
- sugar cane

Projects must aim to increase economic development and have a positive social or environmental effect on wider Indian society.

India has experienced rapid industrialisation

India has experienced strong growth in recent decades leading to large-scale industrialisation and areas of dense population.

It produces 13% of the world’s leather, has 51 million people employed directly and 68 million employed indirectly in the textile industry. It is also the world’s second largest producer of sugar cane, and has a rapidly growing pulp and paper industry.

Cities need new solutions to reduce landfill and the incineration of waste. Only around 30% of the country’s sewage is treated, and the existing centralised sewage systems have failed to achieve the country’s required discharge standards.

Competition information

- the competition is open, and the deadline for applications is at midday on 18 October 2017
- projects must involve at least one UK business, one UK higher education or research council institute, and one Indian academic institution or

research organisation
- a UK-based business or research organisation can lead the project
- we expect total grants for the UK element of projects to range up to £2 million and to last between 30 months and 3 years
- businesses can attract up to 70% of their total project costs
- a briefing event will be held in York on 12 July 2017

Speech: Mansion House 2017: Speech by the Chancellor of the Exchequer

My Lord Mayor, Ladies and Gentlemen, I am delighted to be able to deliver this speech here today.

And I am immensely grateful to the City Corporation for hosting us so soon after the cancellation of last Thursday’s banquet in the wake of the appalling tragedy which was then unfolding in West London.

We have suffered a series of shocking events in the past few weeks: the Westminster, Manchester, London Bridge, and Finsbury Park terrorist attacks; and the terrible fire at Grenfell Tower.

This fire was an unimaginable tragedy. My thoughts are with all those in the community who lost loved ones, and with the many people who are still suffering in hospital, and those who have lost their homes.

Our immediate focus is to ensure that survivors have everything they need in terms of housing, clothes, food and other essentials.

But we must, and will, also get to the bottom of the failure at Grenfell, and take decisive action to ensure nothing like this ever happens again.

As Her Majesty the Queen observed on Saturday, none of us can escape the sombre mood that these events impose.

But we should be cheered by the resilience of our communities and the strength of our shared values which shine through the dark clouds wherever such tragedies and outrages unfold.

And even in the face of such events, the business of government must go on: managing our economy in challenging times, improving our public services, taking the steps that will deliver on our ambition of an economy that truly works for everyone, and, of course, the huge, complex and vital task of negotiating the end of our membership of the European Union, and the terms of the partnership which we want to see replace it.

We have much work to do, and we’re determined to get on with it.

And we have a solid foundation on which to build.

Our economy has come a long way since the dark days of 2009.

Last year we grew faster than any other major advanced economy bar Germany, business has created 3.4 million more private sector jobs, the deficit is down by three-quarters – and below 3% of GDP, while at the same time we have lowered income tax for 31 million people and taken 4 million out of income tax altogether through raising thresholds, with more to come.

Inequality is at its lowest in 30 years, and the poorest households have seen their wages rise more since 2010 than in any other country in the G7, thanks to the introduction of the National Living Wage, adding £1,400 to the annual income of those in full-time work on minimum wage.

A record of which we are proud.

But that's enough of our past achievements!

I'd rather talk about the future.

Travelling the country in the general election campaign I've had hundreds of conversations reflecting the challenges and issues that people face in their daily lives: fears about job security; about wage levels; the need for good schools for their children; a well-functioning health service; decent care for elderly relatives; or access to the housing market.

And it's clear, as many of my colleagues have noted, that Britain is weary after seven years of hard slog repairing the damage of the great recession.

When I took office last year, I reset the fiscal rules, recommitting to achieving fiscal balance, but doing it over a longer timescale, creating additional fiscal space to support the economy, if needed.

But we must not lose sight of the unchanging economic facts of life.

Funding for public services can only be delivered in one of three ways: higher taxes; higher borrowing; or stronger economic growth.

And only one of those three choices is a long-term sustainable solution for this country in the face of the inexorable pressure of an ageing population.

Higher taxes will slow growth, undermine competitiveness, and cost jobs, so the government will remain committed to keeping taxes as low as possible.

And higher discretionary borrowing to fund current consumption is simply asking the next generation to pay for something that we want to consume, but are not prepared to pay for ourselves, so we will remain committed to the fiscal rules set out at the Autumn Statement which will guide us, via interim targets in 2020, to a balanced budget by the middle of the next decade.

Stronger growth is the only sustainable way to deliver better public services, higher real wages and increased living standards.

I thought we had won that argument.

But I learned in the General Election campaign that we have not.

That we must make anew the case for a market economy and for sound money.

The case for growth.

And we need to explain again how stronger growth must be delivered through rising productivity.

That means more trade, not less: maintaining our strong trade links with European markets after we leave the EU, as well as seeking out new opportunities for trade and investment with old friends and fast growing emerging economies alike.

It means the UK remaining open to the talent, the ideas and the capital that have driven the success of our economy in the past, and will drive it in the future.

But it also means addressing the domestic weaknesses that have plagued us: under investment, both public and private; inadequate skills; and regional disparities.

This government has a plan to address all three.

The National Productivity Investment Fund starts to address under-investment in economically productive infrastructure; T-Levels will overhaul our provision of technical education; and the Industrial Strategy will tackle regional economic disparity.

Lifting productivity growth by even one quarter of one percent a year, on a sustained basis over 10 years would add £67 billion to GDP – that’s £2,400 for every household in the UK.

Productivity is the elixir that raises incomes and living standards, and it must be a national priority to make every learner more skilled; every worker more productive; every business more competitive; and every public service more efficient.

That is the route to higher wages, higher quality public services, and a brighter future.

Productivity in the private sector, as in the public, is driven by investment.

One of my immediate priorities is making sure government is doing all it can to facilitate access for firms, large and small, to patient capital, to allow them to grow and bear the fruits of the flow of innovation that is pouring out of UK universities.

The European Investment Bank, and its offshoot, the European Investment Fund, have been an important source of funding for infrastructure investment and for growth businesses.

I want that access to EIB funding to continue while we are members of the EU on equal terms, so I am engaged with EIB and will provide the assurances it needs to sustain the flow of EIB and EIF funding to UK businesses and projects.

And to ensure that finance continues to be available after Brexit, alongside these discussions with the EIB I can also announce I am expanding the support available to capital funding in the UK.

For infrastructure projects, we will broaden the range of the UK Guarantee Scheme by offering construction guarantees for the first time.

And we'll consider other credit enhancement tools, such as first loss guarantees, to reduce the financial risk that complex projects face.

To support the venture capital funds that are so important to growth and innovation in our economy, the British Business Bank will raise the limits on the amount it can invest in venture capital funds from 33% up to 50%.

And it will be able to bring forward some of the £400m additional investment that I announced at the Autumn Statement.

In the long-term, it may be mutually beneficial to maintain a relationship between the UK and the EIB after we leave the EU.

And we will explore the options together.

But we cannot take chances. So we will be prepared, in case we do not maintain that relationship.

Because investment is crucial for the economic future of this country, and we will not let Brexit uncertainty slow us down.

Investment is critical to securing economic growth; And so is trade.

The British public know that.

A recent poll showed that 90% of respondents believe that free trade is positive for our economy, regardless of how they voted in the referendum.

We are not about to turn inward. But we do want to ensure that the arrangements we have in place work for our economy.

Just as the British people understand the benefits of trade – so, too, they understand how important it is to business to be able to access global talent and to move individuals around their organisations.

So, while we seek to manage migration, we do not seek to shut it down.

Let me quote you from our manifesto, (just in case, by chance, any of you didn't read it):

> Britain is an open economy and a welcoming society and we will always ensure that our British businesses can recruit the brightest and best from around the world.

Britain has benefited from globalisation.

But we must not turn a blind eye to the growing tide of hostility to it in parts of the developed world.

To counter that, we must push for a new phase of globalisation, to ensure that it delivers clear benefits for ordinary working people in developed economies.

To date, much of the thrust of globalisation has focused on the removal of barriers to trade in goods.

"Globalisation 1.0" if you like – expanding the opportunities for major goods exporters like China and Germany to sell their products to a larger market.

But our economy is 80% services.

And many of our areas of greatest competitiveness are in services – for example, finance and insurance, ICT and communications.

So for the UK to be able to share fairly in the benefits of globalisation, we need to lead a global crusade for liberalisation of services.

And we must employ that logic in our Brexit negotiations, to agree a bold and ambitious free-trade agreement with our EU counterparts that covers both goods and services.

Let me talk in a bit more detail about what we want to achieve from those Brexit negotiations.

The Prime Minister's Lancaster House speech in January set out clearly the arrangements that the UK would like to agree, built around a comprehensive trade agreement in the context of a deep and special partnership that goes much wider than trade.

But we recognise that this is a negotiation, and our negotiating counterparts, while broadly sharing our desire for a close ongoing relationship, will have their own priorities.

So we must be clear about ours.

I have said before, and I remain clear today, that when the British people voted last June, they did not vote to become poorer, or less secure.

They did vote to leave the EU.

And we will leave the EU.

But it must be done in a way that works for Britain.

In a way that prioritises British jobs, and underpins Britain's prosperity.

Anything less will be a failure to deliver on the instructions of the British people.

So, how do we achieve this "Brexit for Britain"?

Firstly, by securing a comprehensive agreement for trade in goods and services.

Secondly, by negotiating mutually beneficial transitional arrangements to avoid unnecessary disruption and dangerous cliff edges.

Thirdly, by agreeing frictionless customs arrangements to facilitate trade across our borders – and crucially – to keep the land border on the island of Ireland open and free-flowing.

To do this in the context of our wider objectives will be challenging.

It will almost certainly involve the deployment of new technology.

And therefore we'll almost certainly need an implementation period, outside the Customs Union itself, but with current customs border arrangements remaining in place, until new long-term arrangements are up and running.

And finally, by taking a pragmatic approach to one of our most important EU export sector – financial services.

Let's be honest, we are already hearing protectionist agendas being advanced, disguised as arguments about regulatory competence, financial stability, and supervisory oversight.

We can have no truck with that approach.

But we acknowledge that, as Britain leaves the EU, there are genuine and reasonable concerns among our EU colleagues about oversight of financial markets that will then be outside EU jurisdiction, but which provide a vast proportion of economically vital financial services to EU firms and citizens.

We saw just such a concern articulated in the EU's proposal on supervision of CCPs last week.

We must, and we will, engage with all genuine concerns.

And we must be flexible and pragmatic in responding to, and resolving them.

While never losing sight of the principal purpose of the regulatory and supervisory regimes: to ensure financial stability and to protect taxpayers from having to step in to deal with failure.

Getting this right will be critical to the future success of the British economy.

But it will also be critical to the future success of the EU economy.

Remember, 60% of all EU capital markets activity is executed through the UK.

UK banks provided more than £1.1 trillion of cross-border lending to the rest of the EU during 2015.

And almost half of all British private equity investments in 2014 went into companies across mainland Europe.

The financial ecosystem that underpins this activity is large and complex. And critical mass is important.

Let me be clear about this.

Fragmentation of financial services would result in poorer quality, higher priced products for everyone concerned.

And when we talk about complex financial products like derivatives – we need to remind ourselves that these seemingly esoteric instruments are crucial to facilitating everyday commercial and domestic transactions across our continent, allowing households to obtain fixed rate mortgages, airlines to hedge their fuel costs, and farmers to have certainty over the price they'll get for their produce.

Avoiding fragmentation of financial services is a huge prize for the economies of Europe.

And I believe we can do it if we approach the challenge with three simple principles.

First, we will need a new process for establishing regulatory requirements for cross-border business between the UK and EU. It must be evidence-based, symmetrical, and transparent. And it must reflect international standards.

Second, cooperation arrangements must be reciprocal, reliable, and prioritise financial stability. Crucially they must enable timely and coordinated risk management on both sides.

Third, these arrangements must be permanent and reliable for the businesses regulated under these regimes.

The industry needs confidence in the structures if it is to provide the financing needed to underpin growth in the real economy.

In the UK. And across the European Union.

The future of our economy is inexorably linked to the kind of Brexit deal that we reach with the EU.

And I am confident we can do a Brexit deal that puts jobs and prosperity first, that reassures employers that they will still be able to access the talent they need, that keeps our markets for goods and services and capital open, that achieves early agreement on transitional arrangements, so that trade can carry on flowing smoothly, and businesses up and down the country can move on with investment decisions that they want to make, but that have been on hold since the Referendum.

The collective sigh of relief will be audible.

The benefit to our economy will be huge, in established sectors like manufacturing, the car industry, financial services, and pharmaceuticals; in emerging areas like biotech, and fintech; in the housing market; in the services sector; in the travel industry, in companies, large and small, right up and down our country, employing, between them, millions of people.

Our departure from the EU is underway.

But ensuring that it happens via a smooth pathway to a deep and special future partnership with our EU neighbours, one that protects jobs, prosperity, and living standards in Britain, will require every ounce of skill and diplomacy that we can muster.

Yesterday was a positive start.

It will get tougher.

But we are ready for the challenge.

And confident that we can deliver, for British jobs; British businesses; and British prosperity.

Thank you. I’m now pleased to hand over to the Governor of the Bank of England, Mark Carney.

New commission with responsibility for higher and further education in Wales to be created

The Welsh Government White Paper also sets out how the new body, which will succeed the Higher Education Funding Council for Wales, will regulate the skills sector and have responsibility for funding research and innovation.

In March 2016 Professor Ellen Hazelkorn published her independent review of post-compulsory education in Wales with a range of recommendations that were accepted by the Education Secretary in January this year.

A consultation on the White Paper has today been launched, with the key proposal being the establishment of the Tertiary Education and Research Commission for Wales to provide oversight, strategic direction and leadership for the post-compulsory education and training sector.

The functions of the new Commission include:

- Protecting the interests of learners, ensuring that vocational and academic routes are equally valued and make sure Wales has the skills needed to succeed in an increasingly competitive economy.
- Strategic planning of educational and skills delivery across all post-compulsory education and training in Wales.
- Oversee and coordinate all Welsh Government research and innovation funding with the aim of creating a more dynamic and responsive-to-need research, innovation and knowledge environment in Wales.
- Funding, contracting, quality, financial monitoring and audit of higher education, further education, work based learning, adult community learning, and relevant employability and employer-led programmes.
- Developing better links between higher and further education and Welsh business.

The Commission would report annually to the Welsh Ministers on the performance of the post-compulsory sector.

Kirsty Williams said:

> "I am publishing proposals for a 'made in Wales' approach to post-compulsory education and training so that it is easier for people to learn and acquire skills throughout their careers.
>
> "Our lives and economy are undergoing huge technological change. The knowledge and skills needed in a transformed workplace mean that 'average is over'. There is rapid change in other parts of the UK and the realities of Brexit. Doing nothing, or maintaining the status quo, is not a viable option.
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> "Our national mission does not stop at the school gates. We need to ensure that those leaving our schools progress into a post-compulsory system which provides genuine parity of esteem for vocational and academic routes, and which equips them with the skills required for sustainable and rewarding careers. . Such a workforce will allow our economy to be more productive and competitive and our people more prosperous and secure."

Press release: PM call with Prime Minister Szydło of Poland: 19 June

2017

The Prime Minister spoke to Prime Minister Beata Szydło of Poland this evening, who offered her congratulations following the general election.

Prime Minister May thanked Prime Minister Szydło for her messages of support following the recent terrorist attacks in the UK, and expressed her own condolences for the 2 Polish nationals that lost their lives in the Manchester attack.

She was clear that the bilateral relationship with Poland is a priority for the UK and that we are committed to deepening our partnership in a range of areas, including security and defence.

They discussed the Brexit negotiations which got underway today. Prime Minister May reiterated that we want to secure a deep and special partnership that supports a strong and prosperous EU.

She noted that we remain committed to coming to a swift agreement on the rights of EU citizens here and UK nationals in the EU.

They looked forward to meeting to discuss this further at the European Council this week, and also to setting a date for the UK-Poland Inter-Governmental Consultations later in the year.

Press release: PM call with Amir of Kuwait: 19 June 2017

The Prime Minister spoke to the Amir of Kuwait, Sheikh Sabah Ahmad Al Jaber Al Sabah this evening.

She congratulated the Amir on Kuwait’s election to the UN Security Council next year and thanked him for his messages of support and condolence for the victims of recent terror attacks in the UK.

The Prime Minister welcomed the leading role Kuwait is playing in mediating between Gulf States to find a solution to the ongoing isolation of Qatar in the region, and offered to support this process.

They agreed on the need for all sides to take steps to de-escalate the situation and restore Gulf Cooperation Council unity at the earliest opportunity. The Prime Minister stressed the importance of ensuring the long-term stability of the Gulf, which is also fundamental to the security and prosperity of the UK.