<u>Cultural venues to receive £128</u> <u>million to improve access to arts and</u> <u>culture</u>

- Access to arts and culture in areas with low levels of cultural engagement to be boosted through the £30.8 million Cultural Development Fund
- Local library services to be improved with £20.5 million Libraries Improvement Fund
- Urgent museum maintenance and infrastructure works to be funded through £63.3 million Museum Estate Development Fund

Cultural venues including museums, galleries and public libraries are to benefit from up to £128 million of funding to help improve accessibility to the arts and safeguard their futures.

Organisations are now being encouraged to submit expressions of interest to receive support following the previous allocation of £48 million worth of funding to 60 organisations earlier this year.

Venues across the country have already benefited from the fund including the Birmingham Museum & Art Gallery, which earlier this year received £5 million to fund structural work to safeguard the building for future generations, and Bletchley Park, which was given £468,000 for essential maintenance works to its buildings.

Funding of infrastructure projects at museums, improvements in local library services and investment in community-focused cultural sites will ensure that these cultural assets at the heart of communities will help regional economies and protect their unique local heritage for generations to come.

Support will be targeted to areas which have historically had lower levels of cultural investment as part of the government's commitment to levelling up access to culture across the country.

Funding will be targeted on locally-led cultural projects, museums and public libraries in England.

Arts Minister Lord Parkinson said:

Cultural institutions form the heart of communities across the country and it is important that we provide them with the support they need.

This funding will help make culture more accessible to everyone, including people who may not have enjoyed its benefits before, as well as supporting vital maintenance work to secure the future of many venues. It is an important part of our plan to level up the country, for the benefit of everybody.

Darren Henley chief executive of Arts Council England said:

Artists, arts organisations, museums and libraries have the power to animate and energise villages, towns and cities in amazing and innovative ways.

This new investment in culture and creativity will help people across the country to enjoy happier lives.

Hedley Swain, CEO of the Royal Pavillion & Museums Trust in Brighton, which previously received £1.4 million through the first round of the Museum Estate and Development Fund, said:

We are so grateful to the Department for Digital, Culture, Media & Sport and Arts Council England for this important award from the Cultural Investment Funds, including Museum Estate and Development Fund (MEND). It will allow us to make urgent and timely repairs to the roof of Brighton Museum and Art Gallery allowing us to stay open and plan with confidence for the future. Additional funding will be provided by Brighton & Hove City Council to whom we are also deeply grateful. Brighton Museum is an important historic building in its own right, part of the Royal Pavilion estate. It's so important that buildings like this are maintained for the benefit of current and future generations".

Councillor Sue Smith, cabinet member for communities and cooperation at Rochdale Borough Council, which previously received £4,199,365 through the Cultural Development Fund, said:

The CDF funding means we can take forward our exciting plans for a new Rochdale Cultural District, bringing together our outstanding heritage and cultural assets to attract more visitors, create new opportunities for residents and to complement the growing town centre retail, food and leisure offer. We will also be creating a new cultural partnership to develop and deliver more projects across the borough, increasing opportunities for residents, creatives and creative businesses.

The Cultural Investment Fund covers the following three streams:

Cultural Development Fund

The £30.8 million Cultural Development Fund aims to give people access to arts and culture in areas with historically low levels of cultural engagement to help support economic growth. The fund helps transform cultural sites which are at the heart of communities such as Middlesbrough Council Cultural Services and Barnsley Museums.

Libraries Improvement Fund

The £20.5 million Libraries Improvement Fund will transform library services in England by helping them upgrade their buildings and improve digital infrastructure. Local authorities can bid for the money on behalf of their library services.

Museum Estate and Development Fund

The £60.3 million Museum Estate and Development Fund (MEND) helps fund urgent museum maintenance and infrastructure works beyond their day-to-day budgets. Arts Council England accredited museums in England that are not directly funded by DCMS can apply. This could include organisations like the Bristol Museum & Art Gallery, Wolverhampton Art Gallery and Hull &East Riding Museum.

In March, £48 million was awarded to 60 cultural institutions in England through the first round of the Cultural Investment Fund, with venues including the London Transport Museum and Leicester Museum & Art Gallery receiving money. Sandwell Library and Information Service in the West Midlands was also awarded £495,000, while Berwick Barracks in Northumberland was awarded £4 million to turn it into a year-round cultural venue.

Ends

Notes to Editors

Cultural Development Fund

<u>Libraries Improvement Fund</u>

Museum Estate and Development Fund

These funds follow a number of other successful government interventions to support the UK's cultural organisations. The £2 billion Culture Recovery Fund helped thousands of organisations survive the pandemic. Earlier this year the government also announced an additional £75 million of arts funding, which will be distributed by 2025 to places that have been culturally under-served in the past. This is part of its efforts to level up access to the arts through the highest level of investment by the taxpayer in culture in the post-war period.

Previous Cultural Investment Fund recipients

<u>Creating a sustainable future through</u> <u>property</u>

Louisa LeRoux, Net Carbon Zero Programme Manager for the Government Property Agency, looks at maximising energy efficiencies and reducing carbon emissions across property portfolios. And how changes and initiatives enable offices to play a leading role in creating a sustainable future.

The property industry has a huge role to play in reducing carbon emissions and maximising energy efficiencies as the world tackles climate change.

The Government has updated plans to achieve Net Zero by 2050 with the UK setting the world's most ambitious climate change target. In June 2021, the new target was published in law that would reduce Scope 1 emissions by 78 percent which means that the UK will be more than three quarters of the way to Net Zero by 2035. As the delivery body for the Government's office and warehouse portfolio strategies, we have committed to reaching the same target for Government buildings — the ones that we manage — by 2032, three years ahead of the Government's target.

Scope 1 emissions are direct emissions such as those from vehicles and gas boilers, as well as what we use as individuals. To reduce these emissions in buildings, the aim is to decarbonise and move away from fossil fuels and adopt sustainable forms of electricity.

Achieving the required 78 percent carbon reduction by 2032 will not be easy, and to achieve this we will need both concerted effort and work to deliver the quick wins.

Maximising sustainable, clean technologies

We currently manage more than 700,000 square metres of the Government's office portfolio. This offers us a huge opportunity to maximise the use of sustainable, clean technologies and low and zero carbon energy wherever possible. For example:

- Through insulation and reduced consumption by optimising heating, ventilation and air conditioning (HVAC) and building management system (BMS) technology, use of micrometres, sensors and light-emitting diode (LED) lighting.
- Use green energy and move to decarbonised electric by switching to a renewable supplier.
- Generate and store renewable energy locally through integrated generation, storage and use.

Across the industry, we are seeing more businesses shift focus to a wider array of green initiatives such as sub-metering. This is allowing greater

understanding of energy usage so that the right measures can be identified. These measures mostly include switching to suitable green tariffs, and landlords installing more EV charging units and revisiting their heating and cooling units. We are also seeing smarter use of design elements on buildings to allow sustainable solutions to blend in better with the facade and fabric of older buildings.

Retrofitting can be done

It's been proven that retrofitting can be done within heritage buildings to improve sustainability. For example, we are in the process of planning to decarbonise our Whitehall District Heat System which will go a long way to reducing carbon emissions on our Central London heritage estate.

Workplace Design Guide, Net Zero

In August 2020, we published the <u>Government Workplace Design Guide</u>. This includes the <u>Net Zero and Sustainability Annex</u> covering construction and operational energy. The Guide was created with flexibility in mind, because we understand not all buildings are or should be the same. It supports buildings to operate as sustainably as possible, whether it's a new build, renovation or refurbishment.

I'm sure we can all agree that the property industry is facing some unique challenges to achieve Net Zero. Bet we do have many ways in which we can overcome them. At the GPA, we plan to lead by example and encourage every stakeholder in property to not just reach a standard, but to innovate and find ways to push higher and achieve better.

Louisa LeRoux Net Zero Carbon Programme Manager Government Property Agency Connect with Louisa on LinkedIn

Chancellor backs small businesses to thrive and grow

- Rishi Sunak hosts SME roundtable with Exchequer Secretary, visits small businesses and launches Google's nationwide skills training tour.
- Government support on offer highlighted in letter to thousands of SMEs including cuts to employment taxes and business rates alongside support for them to thrive and grow.

The Chancellor hailed small businesses as the "heart of our economy" today as he set out how the Government is backing firms to train and invest, helping the economy to recover and grow, and support jobs during a whistle-stop tour of Suffolk.

Rishi Sunak hosted a roundtable — at Suffolk Food Hall — with local SMEs that had benefited from the Help to Grow: Management programme to discuss how the government scheme has supported them.

He was joined by Exchequer Secretary Helen Whately and visited local businesses including a bakery, gardening and gift shop, before launching the Google Digital Garage nationwide skills training tour at an event hosted at Ipswich Town Football Club.

This consisted of a day of workshops and mentoring to support SMEs to learn new digital skills to grow their businesses and improve productivity. Levi Roots, the entrepreneur behind Reggae Reggae sauce, also attended to share advice with local businesses.

The government has today written to thousands of small and medium sized businesses (SMEs) outlining government help available to them including cuts to employment taxes and business rates alongside support for them to thrive and grow.

Following the visits, Chancellor of the Exchequer Rishi Sunak said:

Small businesses are the heart of our economy — creating jobs and prosperity across the UK. It's been inspiring to meet so many of them in Suffolk today.

I want them to know we will always stand behind them which is why we have written to thousands of businesses across the country to highlight government support on offer to support them in the uncertain months ahead.

From cuts to employment taxes and business rates, to incentivising firms to train and invest more, we want to create the conditions for our SMEs to thrive, helping the economy to recover and grow, and support jobs.

Managing Director for Google UK and Ireland, Ronan Harris, said:

The UK's growing digital economy has created opportunities for record numbers of British businesses to thrive, and we're committed to helping them make the most of that opportunity as they adapt to a hybrid world.

That's why we're launching the next phase of our in-person digital skills training and offering Google Career Certificates scholarships to help small businesses to develop the high impact

tech skills needed to maximise their earning potential and level up.

Whilst in Ipswich, the Chancellor and Exchequer Secretary also visited some small independent businesses in the town centre. This included a gift shop, coffee shop and Ukrainian-owned affordable womenswear shop, whose owner is helping the war effort.

The Chancellor announced a series of measures in the <u>Spring Statement</u> to help businesses boost investment, innovation, and growth — including a £1,000 increase to Employment Allowance to benefit around half a million smaller firms.

Further information

Five ways the Government is supporting SMEs:

- 1) Cutting employment taxes for small businesses
 - Employment Allowance is a tax relief which allows eligible businesses to reduce their National Insurance Contributions (NICs) bills each year. Last month we increased the Employment Allowance from £4,000 to £5,000.
 - That's a new tax cut worth up to £1,000 for nearly half a million SMEs (30% of all businesses). This includes around 50,000 businesses which will be taken out of paying NICs and the Health and Social Care Levy entirely.

2) Help to Grow

- Help to Grow: Digital is a UK-wide government-backed scheme that aims to help you choose, buy and adopt digital technologies that will help you grow your business.
- Eligible businesses can receive a 50% discount on buying new software worth up to £5,000 per SME alongside free impartial advice and guidance about what digital technology is best suited to boost your business performance.
- Our Help to Grow: Management scheme provides small businesses with access to world-class business expertise on everything from leadership and financial management to marketing and digital adoption- and is 90% funded by the Government.

3) Business rates reliefs

- From April this year, small retail, hospitality, and leisure businesses can benefit from 50% off their business rates bills. This is the biggest single-year cut to business rates in 30 years.
- From April 2022 there will be no <u>business rates</u> due on a range of green technology including solar panels and batteries, whilst eligible heat networks will also receive 100% relief. Together these will save businesses around £200 million over the next five years.
- 4) Super-deduction and Annual Investment Allowance
 - To spur business investment, the <u>super-deduction</u>, the biggest two-year business tax cut in modern British history, allows companies to cut their tax bill by 25p for every £1 they invest in any qualifying machinery and equipment. This can include the purchase of computers, most commercial vehicles and office furniture.
 - On top of this, we have extended the temporary £1 million limit for the <u>Annual Investment Allowance</u> to the end of March 2023.

5) Fuel Duty

- We have cut fuel duty on petrol and diesel by 5p per litre for 12 months effective from 23 March 2022.
- This the largest cut, in cash terms, that has ever been applied across all fuel duty rates at once. This cut, plus the freeze in fuel duty in 2022-23, represents a £5 billion saving.

About Google's Digital Garage

Google Digital Garage — is one of Google's flagship investment programmes in the UK, providing free digital skills training to individuals and businesses both online and in person. Since its launch in 2015, Google has trained 800,000 people in more than 500 villages, towns, and cities across the UK. Google will advertise details of each of its 30+ skills training events in 2022 locally, and share details on how local people and businesses can sign up.

The Google Digital Garage digital skills training programme will visit over 30 towns and cities this year to deliver free in-person digital skills training to help businesses grow in the new hybrid world, including Ashford, Boston and Skegness, Leeds, Lincolnshire, Maidstone, Salisbury, Perthshire and Watford.

This is Me in the nuclear industry 2022

News story

Employees from across the NDA group have shared their personal stories as part of a national campaign to end the stigma associated with mental health issues.



This is Me in the nuclear industry celebrating Mental Health Awareness Week

We are once again supporting the This is Me campaign to mark Mental Health Awareness Week.

This is Me 2022

Our This is Me video features employees from across the NDA group sharing their personal experiences to show people that anyone can suffer from mental health issues and that it's okay to talk.

The video was created with the aim of normalising the conversation around mental health in the workplace and providing insight into a range of experiences and support received.

Frank Rainford, NDA group Mental Health Executive Champion, said:

As the group's executive sponsor for mental health, my job is to change the way we think about mental health, to make it as important as physical wellbeing.

Mental Health Awareness Week is an opportunity for us all at the NDA group to raise awareness of mental health issues, encourage people to talk about those issues and highlight the support that's available for people.

Sellafield Ltd's Equality, Diversity and Inclusion lead Alan Rankin, said:

This is Me is a fantastic campaign and we are proud to be getting involved with it again. We are keen to end the stigma associated with mental health and aim to break the culture of silence by supporting people to tell their own stories.

The first step towards improving your mental health is often having a conversation, so we want our employees to know that it's okay to talk about their mental health.

Around 1 in 4 people in the UK experience a mental health problem each year.

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<u>Tungsten x-ray breakthrough advances</u> <u>fusion roadmap</u>

Tungsten is the strongest of any natural metal. Only diamonds can lay a scratch on its surface.

It is extremely durable and can manage intense conditions. This unique quality makes it the perfect material to line the inside of a fusion energy machine, where temperatures reach 10 times hotter than the core of the sun. That is 150 million degrees Celsius, and the hottest place in our solar system.

Despite tungsten's durability, withstanding such an intense in-vessel neutron bombardment from the fusion process could eventually compromise reliability and lead to wear out, especially in future powerplants operating around the clock. Until now, engineers and scientists had no dependable way of detecting potential structural damage — normal 3D x-ray scans are unable to penetrate due to tungsten's incredible density.

However, a new paper published by scientists from the UK Atomic Energy Authority (UKAEA) reveals for the first time how tungsten components have now been successfully scanned with x-rays to help detect defects and accurately judge its lifespan.

This is a major step forward on fusion's roadmap to commercial power, because structural analysis and longevity is a significant hurdle to delivering this form of safe, sustainable, low carbon energy for humanity.

Heather Lewtas, UKAEA's Head of Innovation and co-author of the paper 'Are

tungsten-based fusion components truly invisible to x-ray inspection?,' explains the significance of their research carried out in Culham, Oxford.

She said: "Fusion promises to be a safe, low carbon and sustainable part of the world's future energy supply. Its predictability is one of its main strengths, but it is therefore crucial that powerplants are not taken out of service for unnecessary maintenance.

"This breakthrough study gives us confidence we will be able to assess the condition of our large and small tungsten components, which have to repeatedly withstand some of the most challenging conditions on the planet.

"The insight will allow us to assess the lifespan of our inner-vessel wall and reduce future powerplant downtime to a minimum. It is a major step forward and we are extremely proud to demonstrate this technology for the first time."

The tungsten x-ray pilot study was led by scientist Triestino Minniti and completed under the UKAEA Fusion Technology Facilities programme, using emerging techniques.

Putting fusion electricity on the grid economically and reliably requires technological solutions to several challenges. UKAEA is undertaking cutting edge research in each category of innovation through its world-leading facilities.

Heather adds: "It is clear we must make significant changes to address the effects of climate change, and fusion offers so much potential. It has the potential to provide 'baseload' power and could help sustain net zero in the second half of the century.

"The ground-breaking research and innovation taking place in the UK is moving us closer, step-by-step, on this exciting roadmap to commercial power."

Based on the same process that powers our sun and the stars, fusion has long been considered the ultimate energy source. Fusion is rightfully difficult, but here are the basics:

When a mix of two forms of hydrogen (deuterium and tritium) are heated to extreme temperatures (10 times hotter than the core of the sun) they fuse together to create helium and release vast amounts of energy in the form of heat.

This superheated material forms a plasma, the fourth state of matter found in lightning and neon signs.

There is more than one way of achieving fusion. At UKAEA, they hold this hot plasma using strong magnets in a doughnut-shaped machine called a tokamak.

The energy created from fusion can generate electricity similar to existing power stations, namely by boiling water into steam to run a steam turbine.