



Department for
Science, Innovation
& Technology

AI Opportunities Action Plan Government Response

CP 1242



AI Opportunities Action Plan Government Response

Presented to Parliament
by the Secretary of State for Science, Innovation and Technology
by Command of His Majesty

January 2025

CP 1242



© Crown copyright 2025

This publication is licensed under the terms of the Open Government Licence v3.0 except where otherwise stated.
To view this licence, visit nationalarchives.gov.uk/doc/open-government-licence/version/3.

Where we have identified any third party copyright information you will need to obtain permission from the
copyright holders concerned.

This publication is available at www.gov.uk/official-documents.

Any enquiries regarding this publication should be sent to us at aiactionplan@dsit.gov.uk.

ISBN 978-1-5286-5363-3

E03258823 01/25

Printed on paper containing 40% recycled fibre content minimum.

Printed in the UK by HH Associates Ltd. on behalf of the Controller of His Majesty's Stationery Office.

Contents

Contents	3
Foreword by the Prime Minister	4
Government Response to the AI Opportunities Action Plan	5
Lay the foundations to enable AI	5
Change lives by embracing AI	7
Secure our future with homegrown AI	7
Next steps	7
Building sufficient, secure, and sustainable infrastructure	8
Unlocking data assets in the public and private Sector	9
Training, retaining and attracting the next generation of AI scientists and founders	11
Enabling safe and trusted AI development through regulation, safety and assurance	13
Adopt a “scan -> pilot -> scale” approach in government	15
Enable public and private sectors to reinforce each other	18
Address private-sector-user adoption barriers	19
Advancing AI	20

Foreword by the Prime Minister

Artificial Intelligence is the defining opportunity of our generation. It is not a technology that is coming; a future revolution on the horizon. It is already here, materially changing lives – preventing illness in our NHS, creating exciting new companies in our economy, pushing the boundaries of scientific discovery in our universities. It will turbocharge every mission in this Government’s Plan for Change. And the potential for further innovation is vast.

AI-powered scans can help doctors detect disease earlier. AI can cut NHS waiting lists by scheduling better appointments. It allows teachers to personalise their lessons to their children’s needs. It can support small businesses with their record-keeping, spot potholes more quickly, and help speed up planning applications. Indeed, right across our public services, it offers frontline staff the precious gift of time. A chance to reconnect with the human, face-to-face aspects of their job, which I know is something that attracts so many people to public service in the first place.

In short, in the coming years, there is barely an aspect of our society that will remain untouched by this force of change. But this Government will not sit back passively and wait for change to come. It is our responsibility to harness it and make it work for working people. And it is our responsibility to make sure that Britain maintains its position as a world leader in AI, even as the competition increases. Some countries are going to make AI breakthroughs and export them to the world. Other countries will be left to buy those breakthroughs by importing them. This Action Plan sets out how Britain will be the former – a plan to make our country an AI superpower.

We start from a position of strength. This is the nation of Babbage, Turing and Lovelace – driving change is in our DNA. Already, Britain is the third largest AI market in the world. We have established a world-leading infrastructure for AI safety. Vast resources of talent in our universities and scientific institutions. Numerous technology companies, operating at the AI frontier, are proud to call our country home. And our values of democracy, open commerce and the rule of law are suited to the test of the times – crucial for the free exchange of ideas needed to maximise AI’s potential.

Nonetheless, this race is speeding up and we must continue to move fast. Within days of our election, we commissioned Matt Clifford CBE to develop this plan. Today, I am happy to endorse it and take the recommendations forward. Harnessing AI and using it to deliver our Plan for Change requires ambition, purpose and focus. This is a unique chance to boost growth, raise living standards, transform public services, create the companies of the future in Britain and deliver our Plan for Change. This Action Plan shows we are ready to take it.

The Rt Hon Keir Starmer KCB KC MP, **Prime Minister**

Government Response to the AI Opportunities Action Plan

Lay the foundations to enable AI

Building sufficient, secure, and sustainable AI infrastructure

The government is committed to building cutting-edge, secure, and sustainable AI infrastructure. We will take forward the recommendation to expand our sovereign compute capacity by at least 20x by 2030 – as compute needs grow, such expansion is critical if the UK is to keep pace.

The government will now start delivery of a new state of the art supercomputing facility that will double the capacity of our national AI Research Resource. DSIT will immediately start to develop the business case process and proceed to lock in a site and suppliers in 2025. UK researchers and SMEs will be able to begin accessing the AI Research Resource in early 2025, using the powerful supercomputers at Bristol (Isambard AI) and Cambridge (Dawn), enabling our best and brightest to make new discoveries and help drive economic growth.

In recognition of the importance of compute for scientific disciplines beyond AI, DSIT is also extending the UK's leading scientific computing resource, Archer2, at Edinburgh University, until November 2026. This will ensure that our leading scientists have the resources they need.

This investment in sovereign compute complements the more than £25 billion of private sector investment in new UK data centres announced since July.¹

The government will also work with stakeholders to develop a long-term compute strategy that will ensure the UK has the AI infrastructure and compute capacity it needs to deliver new scientific innovations and discoveries that will drive productivity and growth throughout the economy. The government will publish the Compute Strategy in Spring 2025.

AI Growth Zones

As the Action Plan sets out, the UK must maximise opportunities to crowd in private sector investment and facilitate close government-industry collaboration. The government will create AI Growth Zones (AIGZs), areas with enhanced access to power and support for planning approvals, to accelerate the build out of AI infrastructure on UK soil. The government will deliver the first AI Growth Zone at Culham, the headquarters of the UK Atomic Energy Authority (UKAEA), subject to the agreement of a public-private partnership that delivers

¹ Department for Science Innovation and Technology, '[Press Release: Tech Secretary welcomes foreign investment in UK data centres which will spur economic growth and AI innovation in Britain](#)', 2024 (Accessed 04 December 2024)

benefits to the local area, the UKAEA's fusion energy mission and the UK's wider national AI infrastructure. The government and UKAEA will seek a private-sector partner who would develop one of the UK's largest AI data centres, beginning with 100MW of capacity and with plans to scale up to 500MW. The pilot would pioneer innovative public-private models to deliver secure, dedicated public sector computing capacity, supporting key national priorities. A process to identify a private sector partner will commence in Spring 2025, alongside steps to select further AI Growth Zones. AIGZs have the potential to grow the AI sector to support AI adoption across the economy and enable the government to build new strategic partnerships with leading AI players. They also have the potential to deliver local benefits, including job creation, enhanced digital and energy infrastructure and sustainability initiatives.

AI Energy Council

Clean and renewable energy solutions are needed to power the increasing energy demands of AI. To identify potential solutions, the Science and Technology Secretary of State and the Energy Secretary will co-chair a new AI Energy Council formed of industry leaders from the energy and AI sectors. The Energy Council will provide expert insight on the energy needs of AI, opportunities to accelerate investment in the development of renewable and innovative energy solutions, including Small Modular Reactors (SMRs) and the role of AI in a modern, efficient and sustainable energy system.

National Data Library

To make new advances in AI that benefit our society we need to ensure researchers and innovators have access to new data. We will responsibly, securely and ethically unlock the value of public sector data assets to support AI research and innovation through the creation of the National Data Library and the government's wider data access policy. Both will be underpinned by strong privacy-preserving safeguards. The government will set out further details on the National Data Library in due course.

AI Skills and Talent

Creating a strong talent pipeline and ensuring we address wider skills demands will be critical to realising our AI ambitions. Prestigious scholarship and fellowship programmes have an important role to play, alongside broader efforts to drive greater diversity across the AI talent pool. The creation of Skills England and the Curriculum and Assessment Review will also enable us to upskill the existing workforce as well as teach young people the key skills they need to succeed in the future. DSIT will work with DfE, DBT and UKRI to take forward the recommendations designed to attract and support top talent and ensure we continue to train world-class AI experts.

Regulation

Ensuring we have the right regulatory regime that addresses risks and actively supports innovation will drive AI trust and adoption across the economy. The government will set out its approach on AI regulation and will act to ensure that we have a competitive copyright regime that supports both our AI sector and the creative industries.

Change lives by embracing AI

AI presents exciting opportunities to improve people's lives, including by making our public services better. To transform our public services with AI and encourage the private sector to stimulate growth through AI adoption, we will take forward Matt Clifford's recommendations on adoption, including to employ a flexible 'Scan, Pilot, Scale' approach to adoption of AI across our public services. We intend to accept these recommendations in full and start by prioritising the scaling up of successful pilots that adopt AI in the public interest, such as Caddy, led by the Incubator for AI.

Government will appoint AI Champions in particular sectors highlighted in the Industrial Strategy. DSIT will also work with devolved and local government to identify AI adoption opportunities to drive growth.

Secure our future with homegrown AI

The Action Plan highlights how quickly AI has advanced. A small number of companies at the frontier of AI are set to wield outsized global influence. The UK has a window of opportunity to secure a stake, strengthening our global leadership in AI, protecting our economic security and positioning UK citizens to benefit.

To seize this opportunity, the government will launch a new function with the mandate to strengthen the UK's sovereign AI capabilities by supporting national champions at the frontier of AI. The function will operate with agility and draw on wider government functions to partner with AI companies, including by:

- Leveraging AI Growth Zones to support partnered companies and ensuring that new compute capacity is utilised strategically.
- Exploring making available high-potential data sets for partnered companies, in coordination with the National Data Library.
- Supporting top AI talent to relocate to the UK to work with UK-based partnered companies.
- Helping to build relationships between partnered AI companies and the UK's national security community.

Achieving this ambitious mandate will require an agile team with leading industry expertise. The government will provide further details by Spring 2025.

Next steps

The government will continue to develop its policy response to the Action Plan as part of the broader work ahead of the Spring 2025 Spending Review. It will further set out its wider approach to AI in the Industrial Strategy's Digital and Technologies Sector Plan. To track

effectively against the delivery of this plan, the Technology Secretary of State has created an AI Opportunities Unit in DSIT which will report to him regularly on progress across government.

Building sufficient, secure, and sustainable infrastructure

Recommendation	Response	Delivery Timeline
Recommendation 1 Set out, within six months, a long-term plan for UK's AI infrastructure needs, backed by a 10-year investment commitment.	Agree. DSIT will publish a long-term compute strategy in Spring 2025 and is committed to setting out a 10-year roadmap for compute.	Spring 2025
Recommendation 2 Expand the capacity of AIRR by at least 20x by 2030 – starting within 6 months.	Agree. DSIT will set out how we will deliver on this as part of its long-term compute strategy. We are making a start next year by starting delivery of a new state of the art supercomputing facility that will at least double the capacity of our national AI Research Resource.	24/25 FY to 2030/2031 FY
Recommendation 3 Strategically allocate sovereign compute by appointing mission-focused “AIRR programme directors” with significant autonomy.	Agree. DSIT will set out mission-focused plans for allocation of compute as part of a long-term compute strategy that will be published in Spring 2025.	Spring 2025
Recommendation 4 Establish ‘AI Growth Zones’ (AIGZ) to facilitate the accelerated build out of AI data centres.	Agree. The government will deliver the first AI Growth Zone at Culham, the headquarters of the UK Atomic Energy Authority (UKAEA), subject to the agreement of a public-private partnership that delivers benefits to the local area, the UKAEA’s fusion energy mission and the UK’s wider national AI infrastructure. By Spring 2025, the government will set out a process to identify and select further AIGZs. This process will take into account how AI Growth Zones can	Spring 2025

	support regional growth opportunities, including those identified in Local Growth Plans and align with the industrial Strategy's Digital and Technologies Sector. It will also consider energy requirements, working with the National Energy System Operator.	
Recommendation 5 Mitigate the sustainability and security risks of AI infrastructure, while positioning the UK to take advantage of opportunities to provide solutions.	Agree. DSIT will set out how the UK will seek to address the sustainability and security challenges of AI infrastructure as part of its long-term compute strategy.	Spring 2025
Recommendation 6 Agree international compute partnerships with likeminded countries to increase the types of compute capability available to researchers and catalyse research collaborations.	Agree. DSIT will set out its approach to international collaborations as part of its long-term compute strategy.	Spring 2025

Unlocking data assets in the public and private Sector

Recommendation	Response	Delivery Timeline
Recommendation 7 Rapidly identify at least five high impact public data sets it (National Data Library - NDL) will seek to make available to AI researchers and innovators.	Agree. DSIT will explore how it will take forward this recommendation as it develops the National Data Library and its wider data access policy. The government will set out further details on the National Data Library and data access policy in due course.	Further details published by Summer 2025
Recommendation 8	Agree. See above.	Further details published by

(NDL) Strategically shape what data is collected, rather than just making data available that already exists.		Summer 2025
Recommendation 9 (NDL) Develop and publish guidelines and best practice for releasing open government data sets which can be used for AI, including on the development of effective data structures and data dissemination methods.	Agree. See above.	Further details published by Summer 2025
Recommendation 10 (NDL) Couple compute allocation with access to proprietary data sets.	Agree. See above.	Further details published by Summer 2025
Recommendation 11 (NDL) Build public sector data collection infrastructure and finance the creation of new high-value data sets that meet public sector, academia and startup needs.	Agree. See above.	Further details published by Summer 2025
Recommendation 12 (NDL) Actively incentivise and reward researchers and industry to curate and unlock private data sets.	Agree. See above.	Further details published by Summer 2025
Recommendation 13 Establish a copyright cleared British media asset training data set, which can be licenced internationally at scale.	Partially agree. DCMS and DSIT will engage with partner organisations and industry to consider the potential role of government in taking forward this recommendation.	Spring 2025

Training, retaining and attracting the next generation of AI scientists and founders

Recommendation	Response	Delivery Timeline
Recommendation 14 Accurately assess the size of the skills gap.	Agree. Working closely with DSIT and the Industrial Strategy Council, Skills England will bring businesses, training partners and unions together with national and local government to develop a clear assessment of the country's skills need – including AI and digital skills – and map pathways by which they can be filled. Updated assessments will be published regularly.	Spring 2025
Recommendation 15 Support Higher Education Institutions (HEI) to increase the numbers of AI graduates and teach industry-relevant skills.	Agree. DSIT and DfE will work closely with the Office for Students (OfS) and other stakeholders to support HEIs to develop appropriate training, such as AI related degree provision.	Autumn 2027
Recommendation 16 Increase the diversity of the talent pool.	Agree. DSIT, supported by the DfE, will explore how to scale up and combine where possible, extra-curricular activities for girls in schools to cover AI, building on the National Cyber Security Centre's successful work on cyber security skills. DfE and DSIT will work together with industry to publish a plan to facilitate significant and sustained progress on improving the gender balance across digital education, training and employment.	Autumn 2026
Recommendation 17 Expand education pathways into AI.	Agree. Working closely with the Industrial Strategy Council, Skills England will bring businesses, training partners and unions together	Autumn 2026

	with national and local government to meet industry workforce digital and AI skills needs, as set out in the Industrial Strategy.	
Recommendation 18 Launch a flagship undergraduate and master's AI scholarship programme on the scale of Rhodes, Marshall or Fulbright for students to study in the UK.	Agree. DSIT will work with UKRI to explore whether the AI scholarships are best placed at undergraduate, master's or PhD level with the aim to establish a new, prestigious scheme by autumn 2026.	Autumn 2026
Recommendation 19 Ensure its lifelong skills programme is ready for AI.	Agree. DfE will take this forward with Skills England, aligning with the work of the independent Curriculum and Assessment Review (CAR) which will report in Autumn 2025. DSIT will engage with the CAR to highlight the importance of digital and AI skills in the curriculum.	Autumn 2025
Recommendation 20 Establish an internal headhunting capability on a par with top AI firms to bring a small number of truly elite individuals to the UK.	Agree. DSIT and DBT will consider how this could be achieved learning lessons from DBT's existing Global Entrepreneur and Global Talent Network programmes.	Spring 2026
Recommendation 21 Explore how the existing immigration system can be used to attract graduates from universities producing some of the world's top AI talent.	Partially Agree. The Industrial Strategy will set out how the UK will attract highly skilled AI workers from abroad. The UK offers internationally competitive visas that can support a range of individual needs, including for talent to join UK-based organisations or to start their own business. Talented AI graduates from institutions not on the HPI eligibility lists can enter the UK through any one of a number of other visa routes, including Skilled Worker, Innovator	Summer 2025

	Founder, Government Authorised Exchange and Global Talent.	
Recommendation 22 Expand the Turing AI Fellowships offer.	Agree. DSIT will work with UKRI to expand its AI Fellowship programmes by 2026/27.	Autumn 2026

Enabling safe and trusted AI development through regulation, safety and assurance

Recommendation	Response	Delivery Timeline
Recommendation 23 Continue to support and grow the AI Safety Institute (AISI) to maintain and expand its research on model evaluations, foundational safety and societal resilience research.	Agree. DSIT will confirm AISI's funding through upcoming Spending Reviews. DSIT will consult on proposed legislation to provide regulatory certainty to help kickstart growth and protect UK citizens and assets from the critical risks associated with the next generation of the most powerful AI models. The government intends to establish AISI as a statutory body.	Spring 2025
Recommendation 24 Reform the UK text and data mining regime so that it is at least as competitive as the EU.	The government has launched a consultation.	End of 2024
Recommendation 25 Commit to funding regulators to scale up their AI capabilities, some of which need urgent addressing.	Agree. Ahead of the Spending Review 2025, each sponsor department will liaise with their regulator to identify the future capability needs for their regulators, taking into account existing funding models, and how they intend to mitigate AI risks and drive growth,	Spring 2025

	which DSIT, with HMT support, will assess.	
Recommendation 26 Ensure all sponsor departments include a focus on enabling safe AI innovation in their strategic guidance to regulators.	<p>Agree. Relevant sponsor departments commit to stressing the importance of safe AI innovation in their strategic guidance to regulators – where this is identified as an issue, and where legislation requires/allows for such guidance to be issued.</p> <p>DBT and DSIT will work together to empower the Regulatory Innovation Office (RIO) to drive regulatory innovation for technologies and innovation through behavioural changes within regulators. Where appropriate and aligned to the government's missions and industrial strategy, the RIO will work with DBT to issue targeted strategic guidance to regulators. DBT will provide a public update as part of its wider approach to regulation.</p>	Initially Spring 2025, but continuous thereafter
Recommendation 27 Work with regulators to accelerate AI in priority sectors and implement pro-innovation initiatives like regulatory sandboxes.	<p>Agree. DSIT, through the RIO, will identify priority sectors with high-growth potential and work with relevant regulators to identify pro-innovation initiatives. DSIT will update on progress by Summer 2025.</p>	Initially Spring 2025, but continuous thereafter
Recommendation 28 Require all regulators to publish annually how they have enabled AI innovation in their sector.	<p>Agree. Sponsor departments will request that regulators with significant AI activities publicly report on their activities to promote AI innovation. Where this is not already happening, DSIT will work with sponsor departments to request this and will provide an update on progress as part of a wider update on regulators with significant AI activity by Summer 2025.</p>	Initially Spring 2025, but continuous thereafter

Recommendation 29 Support the AI assurance ecosystem to increase trust and adoption by: a) Investing significantly in the development of new assurance tools, including through an expansion to AISI's systemic AI safety fast grants programme to support emerging safety research and methods. b) Building Government-backed high-quality assurance tools that assess whether AI systems perform as claimed and work as intended.	Agree. DSIT will seek to prioritise additional funding for AISI's Systemic AI safety programme at Spending Reviews, as well as support DSIT's existing programme of work designed to stimulate the AI Assurance ecosystem. DSIT will also explore other options for growing the domestic AI safety market and provide a public update on this by Spring 2025.	Spring 2026
Recommendation 30 Consider the broader institutional landscape and the potential of the Alan Turing Institute to drive progress at the cutting edge, support the government's missions and attract international talent.	Agree. DSIT will work with the Alan Turing Institute and UKRI to drive progress at the cutting edge, support the government's missions and attract international talent.	Update in Autumn 2025

Adopt a “scan -> pilot -> scale” approach in government

Recommendation	Response	Delivery Timeline
Recommendation 31 SCAN – Appoint an AI lead for each mission to help identify where AI could be a solution within the mission setting, considering the user needs from the outset.	Agree. In its role as Digital Centre for Government, DSIT will appoint an AI lead for each mission to help identify where AI could be a solution.	Update Autumn 2025. Ongoing thereafter

Recommendation 32 SCAN - A cross-government, technical horizon scanning and market intelligence capability that understands AI capabilities and use-cases as they evolve to work closely with mission leads and maximise the expertise of both.	Agree. DSIT will build a cross-government technical horizon scanning and market intelligence capability that understands AI capabilities. Linked to this, the government will consider how it can support adoption in the private sector, for example sharing emergent use-cases and enabling diffusion across sectors.	Update in Autumn 2025
Recommendation 33 SCAN – Two-way partnerships with AI vendors and startups to anticipate future AI developments and signal public sector demand.	Agree. DSIT will explore two-way partnerships with AI vendors and startups to anticipate future AI developments and signal public sector demand.	Update in Summer 2025
Recommendation 34 PILOT – Consistent use of a framework for how to source AI – whether to build in-house, buy or run innovation challenges – that evolves over time, given data, capability, industry contexts and evaluation of what's worked.	Agree. DSIT will develop a framework for sourcing AI – whether to build in-house, buy or run innovation challenges.	Summer 2025
Recommendation 35 PILOT – A rapid prototyping capability that can be drawn on for key projects where needed, including technical and delivery resource to build and test proof of concepts, leveraging in house AI expertise, together with specialists in design and user experience.	Agree. DSIT will have a rapid prototyping capability as part of the new Digital Centre of Government in DSIT.	At Digital Centre launch
Recommendation 36 PILOT - Specific support to hire external AI talent.	Agree. DSIT will build on i.AI and GDS's work to hire external AI talent.	Ongoing, update in

		Autumn 2025
Recommendation 37 PILOT - A data-rich experimentation environment including streamlined approach to accessing data sets, access to language models and necessary infrastructure like compute.	Agree. DSIT will build on i.AI's experimentation environment including streamlined approaches to accessing data sets, access to language models and necessary infrastructure like compute.	Update in Autumn 2025
Recommendation 38 PILOT - A faster, multi-stage gated and scaling AI procurement process that enables easy and quick access to small-scale funding for pilots and only layers bureaucratic controls as the investment-size gets larger.	Agree. DSIT will scope and understand options to improve AI procurement with a faster, multi-stage, gated process.	Update in Autumn 2025
Recommendation 39 SCALE - A scaling service for successful pilots with senior support and central funding resource.	Agree. DSIT will scope the development of a scaling service that takes successful pilots and drives wide implementation.	Update in Autumn 2025
Recommendation 40 SCALE - Mission-focused national AI tenders to support rapid adoption across decentralised systems led by the mission delivery boards.	Agree. DSIT will scope options to improve AI procurement with Mission-focused national AI tenders.	Update in Autumn 2025
Recommendation 41 SCALE - Development or procurement of a scalable AI tech stack that supports the use of specialist narrow and large language models for tens or hundreds of millions of citizen interactions across the UK.	Agree. DSIT will learn from other countries, such as Singapore's GovTech, to explore options for building on GDS and i.AI's tech stack.	Update in Autumn 2025

Recommendation 42 SCALE - Mandating infrastructure interoperability, code reusability and open sourcing.	Agree. DSIT will commit to interoperable, reusable, and open source code whenever appropriate, in line with the Technology Code of Practice.	Update in Autumn 2025
--	---	-----------------------

Enable public and private sectors to reinforce each other

Recommendation	Response	Delivery Timeline
Recommendation 43 Procure smartly from the AI ecosystem as both its largest customer and as a market shaper.	Agree. DSIT will procure smartly from the AI ecosystem.	Update in Autumn 2025
Recommendation 44 Use digital government infrastructure to create new opportunities for innovators.	Agree. DSIT will scope options to use digital government infrastructure to create new opportunities for innovators, including through scoping improvements to AI procurement with a faster, multi-stage, gated process and through Mission-focused national AI tenders.	Update in Autumn 2025
Recommendation 45 Publish best-practice guidance, results, case-studies and open-source solutions through a single, “AI Knowledge Hub”.	Agree. DSIT will pilot the AI Knowledge Hub.	Summer 2025
Recommendation 46 In the next three months, the Digital Centre of Government should identify a series of quick wins to support the adoption of the scan, pilot scale approach and enable public and private sector to reinforce each other.	Agree. DSIT has identified the following ‘quick wins’, and will rapidly work to: 1. Scale and open source 1-2 public sector-led AI solutions that are currently in pilot phase.	Summer 2025

	<ol style="list-style-type: none"> 2. Scale a citizen facing AI tool that enables citizens to engage with government in a more personalised and efficient way. 3. Run Hackathons, aligned to the 5 key missions. This will be a key way to engage startups in mission delivery. 4. Pilot the AI Knowledge Hub. 5. Appoint an AI lead for each mission to help identify where AI could be a solution. 	
--	--	--

Address private-sector-user adoption barriers

Recommendation	Response	Delivery Timeline
Recommendation 47 Leverage the new Industrial Strategy. The development of a new Industrial Strategy presents an opportunity to drive collective action to support AI adoption across the economy.	Agree. DSIT will work with HMT, DBT and lead departments, as part of the Industrial Strategy development, to identify opportunities for AI adoption in key industries. This work will build on the Cross-government Review of Technology Adoption for Growth, Innovation and Productivity led by Government Chief Scientific Adviser (GCSA), Professor Dame Angela McLean with National Technology Adviser (NTA) Dr Dave Smith.	Spring 2025
Recommendation 48 Appoint AI Sector Champions in key industries like the life sciences, financial services and the creative industries to work with industry and	Agree. DSIT, HMT and DBT will work via the Industrial Strategy to identify where industry leaders with AI-specific sector expertise have a role to play in driving adoption, informed by knowledge of the current market	Summer 2025

government and develop AI adoption plans.	for solutions and needs of each sector.	
Recommendation 49 Drive AI adoption across the whole country.	Agree. DSIT will work with devolved and local government to identify AI adoption development opportunities to drive growth and, where an opportunity is identified, to incorporate AI adoption objectives into Local Growth Plans within the next 12 months.	Initially Summer 2025, then continuous

Advancing AI

Recommendation	Response	Delivery Timeline
Recommendation 50 Create a new unit, with the power to partner with the private sector to deliver the clear mandate of maximising the UK's stake in frontier AI.	Agree. The government will create a new function which will draw on wider government functions to partner with AI companies, including by: <ul style="list-style-type: none"> • Leveraging AI Growth Zones to support partnered companies and ensuring that new compute capacity is utilised strategically. • Exploring making available high-potential data sets for partnered companies, in coordination with the National Data Library. • Supporting top AI talent to relocate to the UK to work with UK-based partnered companies. • Helping to build relationships between partnered AI companies and the UK's national security community. 	Further details to be shared by Spring 2025

E03258823

ISBN 978-1-5286-5363-3

This publication is available from: www.gov.uk/official-documents.

If you need a version of this document in a more accessible format, please email alt.formats@dsit.gov.uk. Please tell us what format you need. It will help us if you say what assistive technology you use.