

AWS's investment in the UK represents a transformative commitment that is delivering measurable economic growth, deep community engagement, and innovative sustainability leadership - demonstrating how cloud infrastructure can be a catalyst for national prosperity while operating with exceptional environmental efficiency.

REGIONAL OPERATIONS

- Region launch date: December 2016
- Availability Zones: x3
- WaveLength Zones: x2 (London, UK)
- Points Of Presence (POP): 38 locations (32 in London, 6 in Manchester)
- Edge Locations: London, UK
- Regional Edge caches: London, UK

ECONOMIC IMPACT & GROWTH

- **£8 billion planned investment over five years (2024-2028)** building, operating, and maintaining data centres in the UK.
- **Estimated to contribute £14 billion to the UK's total Gross Domestic Product (GDP) through to 2028.**
- Estimated to support more than **14,000 full-time equivalent (FTE) jobs annually** at local UK businesses.
- These positions all form part of the AWS data centre supply chain, ranging from construction, facility maintenance, engineering, telecommunications, and other jobs within the broader local economy.
- Between 2020-2023, **AWS invested over £3 billion in the UK, supporting an average of more than 6,000 FTE jobs at local businesses.**
- This brings AWS's total planned investment in the UK from 2020-2028 to **more than £11 billion.**

LOCAL COMMUNITY COMMITMENT

Key initiatives:

- AWS is a founding member of the Activate Learning Education Trust (ALET) Digital Futures Programme, which was created to help students develop the skills and knowledge needed to prepare for a career in digital industries. The programme is available in University Technical Colleges (UTC) including UTC Heathrow, UTC Oxfordshire, UTC Swindon, and UTC Reading.
- In January 2025, Uxbridge College and West London Institute of Technology hosted the first ever Amazon Girls' Tech Day in the UK. The second event took place in February 2026 at Richmond upon Thames College with 120 girls from a local secondary school participating in hands-on workshops and hearing from women leaders in tech.
- Amazon provides free hands-on coding workshops to schools near to our Data Centre locations. Students learn to code using technologies such as generative AI and hear about careers in technology with over 6,000 local students benefitting in 2025.
- Tangible Offline coding workshops bring schools into the Think Big Circle, Amazon's online learning experience for teachers and students in our Data Centre communities. The UK was represented in the Tangible World Cup by students taking part in Amazon's Think Big Space programme (1,300+ learners, 300+ teams, 30 countries).
- In February 2025, Amazon announced the creation of more than 1,000 new apprenticeships in the UK in 2025, including in AWS. One of the new programmes launched was in data centre operations.
- In February 2025, Harrow, Richmond, and Uxbridge Colleges (HRUC) launched the National Innovation Challenge. AWS supported the event in 2025 and will sponsor the event again in 2026.
- In March 2026, EnergyCloud launched its first project in England in collaboration with Amazon and YES Energy Solutions, providing free hot water to households living in energy poverty using surplus renewable energy.

Skills programmes:

- AWS Skills to Jobs Tech Alliance – Amazon announced launches AWS Skills to Jobs Tech Alliance in the UK in April 2025 to help 100,000 people gain AI skills by 2030. Working in collaboration with educational institutions, government leaders, and enterprises across the country, the programme will help learners get ready for entry-level technical careers.
- AWS re/Start – was first piloted in the UK in 2017 as a way of building an inclusive, diverse global pipeline of new cloud talent, and engaging individuals who otherwise might not have had access to this career

path. The programme is now available across all regions and nations in the UK. AWS re/Start learners have gone on to secure employment at companies across the UK including Cancer Research UK, Centrica Hive, Direct Line, Dunelm, Sage, Sainsbury's, Sony PlayStation, UKTV, and more.

- AWS Academy - provides higher education institutions with a free, ready-to-teach cloud computing and generative AI curricula that prepares students to pursue industry-recognised certifications and in-demand cloud jobs.
- AWS Educate - a programme where learners as young as 13 years old can access an extensive library of free, self-paced online training that covers a range of topics - from cloud fundamentals to innovative technologies like AI, ML, and more.
- AWS Skill Builder - a digital learning centre for building in demand cloud and AI skills that offers more than 600 free, online courses covering AWS services from foundational to advanced levels.
- AWS Cloud Quest: Cloud Practitioner - a game-based role-playing experience, ideal for early career or new-to-cloud adult learners. AWS Cloud Quest teaches foundational cloud computing concepts while learners zap drones and collect gems in their quest to solve challenges in a virtual city.
- AWS Fibre Optic Fusion Splicing training - is a two-day training course on fibre optic installation and repair which is designed for anyone who wants to enter the fibre optic industry and professionals who want to learn the fusion splicing skill.
- AWS has partnered with the UK government to support its goal to train 10 million people in AI skills through programmes such as AWS Educate, AWS Skill Builder, and the Skills to Jobs Tech Alliance, which are free for learners. These free courses are available to learners through the government's AI Skills Hub.

SUSTAINABILITY & EFFICIENCY LEADERSHIP

Inside the Fence - Data Centre Excellence:

- To power operations with carbon-free energy, Amazon is investing in more than 40 carbon-free energy projects across the UK, with a combined capacity of 964 megawatts - enough to power over 850,000 UK households. Amazon does not own these projects, but our commitment to purchasing the power and environmental attributes from these projects enable them to be built.
- UK projects include onshore and offshore wind farms at Kintyre Peninsula, Moray Firth, Ballykeel and Corlacky.
- According to BloombergNEF, Amazon is the largest corporate purchaser of carbon-free energy in the UK, and one of the leading purchasers worldwide.
- AWS global PUE (Power Usage Effectiveness) of 1.15 vs. 1.25 cloud industry average, 1.63 on-premise data centres.
- AWS data centres are up to 4.1 times more energy efficient than on-premises facilities. When workloads are optimised on AWS, the associated carbon footprint can be reduced by up to 99%. ([Accenture research 2024](#))
- AWS is committed to being water positive by 2030, returning more water to communities than it uses (53% toward goal by end 2024).
- In Europe, for every bottle of water used by a typical data centre, AWS only needs a few tablespoons.
- AWS Europe WUE (Water Use Effectiveness) of 0.04 litres/kWh (93% better than industry average).

Outside the Fence - Community Environmental Commitment:

Water stewardship:

- Amazon is working with The Rivers Trust to restore natural flood management in the Thames River basin by removing barriers to reconnect the river to its floodplain. This is expected to help replenish approximately 215 million litres of water annually while supporting biodiversity.
- The work builds on Amazon's existing work with The Rivers Trust and local member trust, Action for the River Kennet, to create two wetlands on a tributary of the River Thames. The wetlands will recharge approximately 600 million litres of groundwater per year, improve water quality by receiving and treating polluted runoff from farms and roadways, and help address growing water-scarcity and water quality in the Thames River basin.