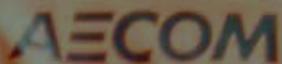


Work with us. Change the world.

Early careers opportunities in engineering, quantity and building surveying, project management, the environment, sustainability, planning, design, architecture, landscape architecture, consulting and much more

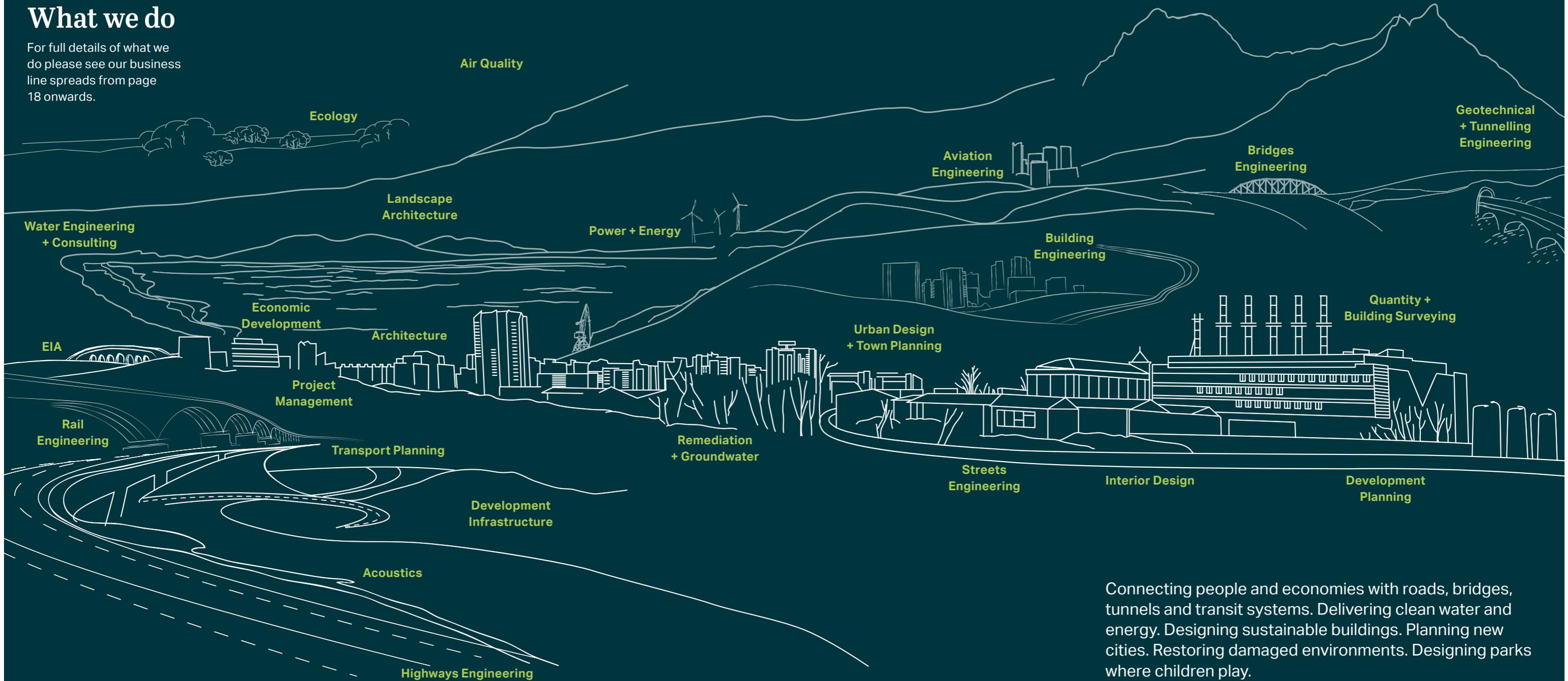
UK & Ireland 2022/23

The AECOM logo is printed in black on the back of the orange high-visibility jacket of the worker in the foreground on the left. The worker is wearing a white hard hat and large black ear protection. The background shows a construction site with a crane and building structure under a blue sky.

Delivering a better world

What we do

For full details of what we do please see our business line spreads from page 18 onwards.



Connecting people and economies with roads, bridges, tunnels and transit systems. Delivering clean water and energy. Designing sustainable buildings. Planning new cities. Restoring damaged environments. Designing parks where children play.

This job will be what you make it



- 06 Discover AECOM**
- 10 Our two year development programme**
- 12 Benefits package**
- 14 How to apply**
- 16 Our offices**
- 18 Transportation engineering and planning**
- 20 Building engineering and consulting**
- 22 Landscape architecture and architecture**
- 24 Surveying, project management and consulting**
- 26 Geotechnical and tunnelling engineering**
- 28 Environmental consulting**
- 32 Design and planning**
- 34 Water engineering and consulting**
- 36 Power and energy**
- 38 Work placements**

Our values and culture

Safeguard

We operate ethically and with integrity, while prioritizing safety and security in all that we do.

Collaborate

We connect unrivaled expertise from around the world to anticipate and solve our clients' most pressing challenges.

Sustain

We take action to make a positive impact on the planet, enrich the communities we touch and build legacies for future generations.

Innovate

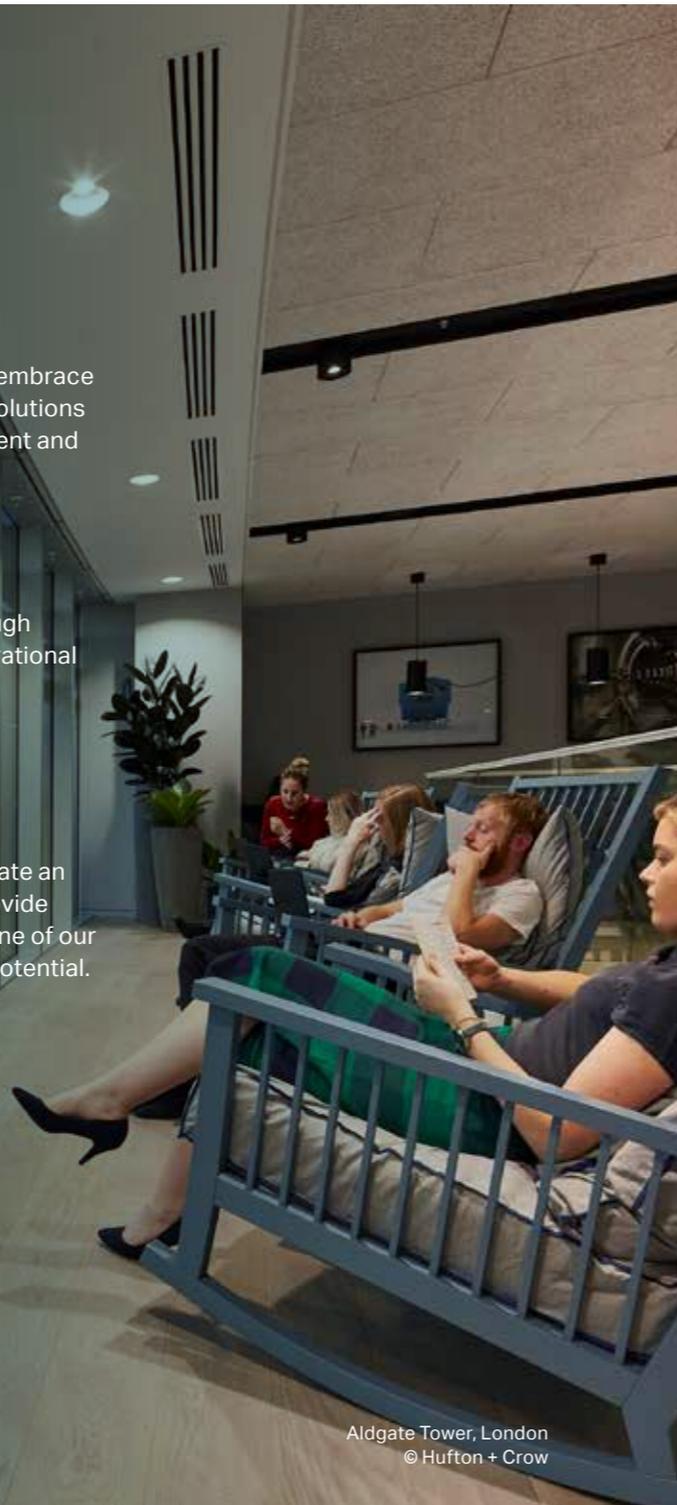
We think without limits and embrace new ideas, shaping digital solutions to help clients address current and future challenges.

Deliver

We grow our business through relentless client focus, operational excellence and exceptional project execution.

Thrive

We build diverse teams, create an inclusive workplace and provide opportunities where each one of our people can reach their full potential.



Aldgate Tower, London
© Hufton + Crow

Our clients count on us to think without limits

AECOM launched when a handful of employees from design and engineering companies shared **a dream of creating an industry-leading firm dedicated to making the world a better place.**

Our ESG Commitments

With our clients and partners, we have one goal: to leave a positive, lasting impact on people and our planet.

Learn more at:
publications.aecom.com/sustainable-legacies/

Giving something back

We view Corporate Responsibility (CR) as an extension of our purpose: Built to deliver a better world. Our approach is inspired by our employees, who make a positive and tangible impact in communities around the world.

Learn more at:
aecom.com/about-us/corporate-responsibility/

Equity, diversity, and inclusion

When we feel free to be ourselves, we thrive.

Learn more at:
aecom.com/about-us/equity-diversity-inclusion/

Innovation and digital

By harnessing the power of digital technology and innovation, and connecting our technical experts and visionaries around the world, we deliver tailored solutions and transformative outcomes for our clients and the communities they serve.

Learn more at:
aecom.com/about-us/innovation-digital/

Our working environment

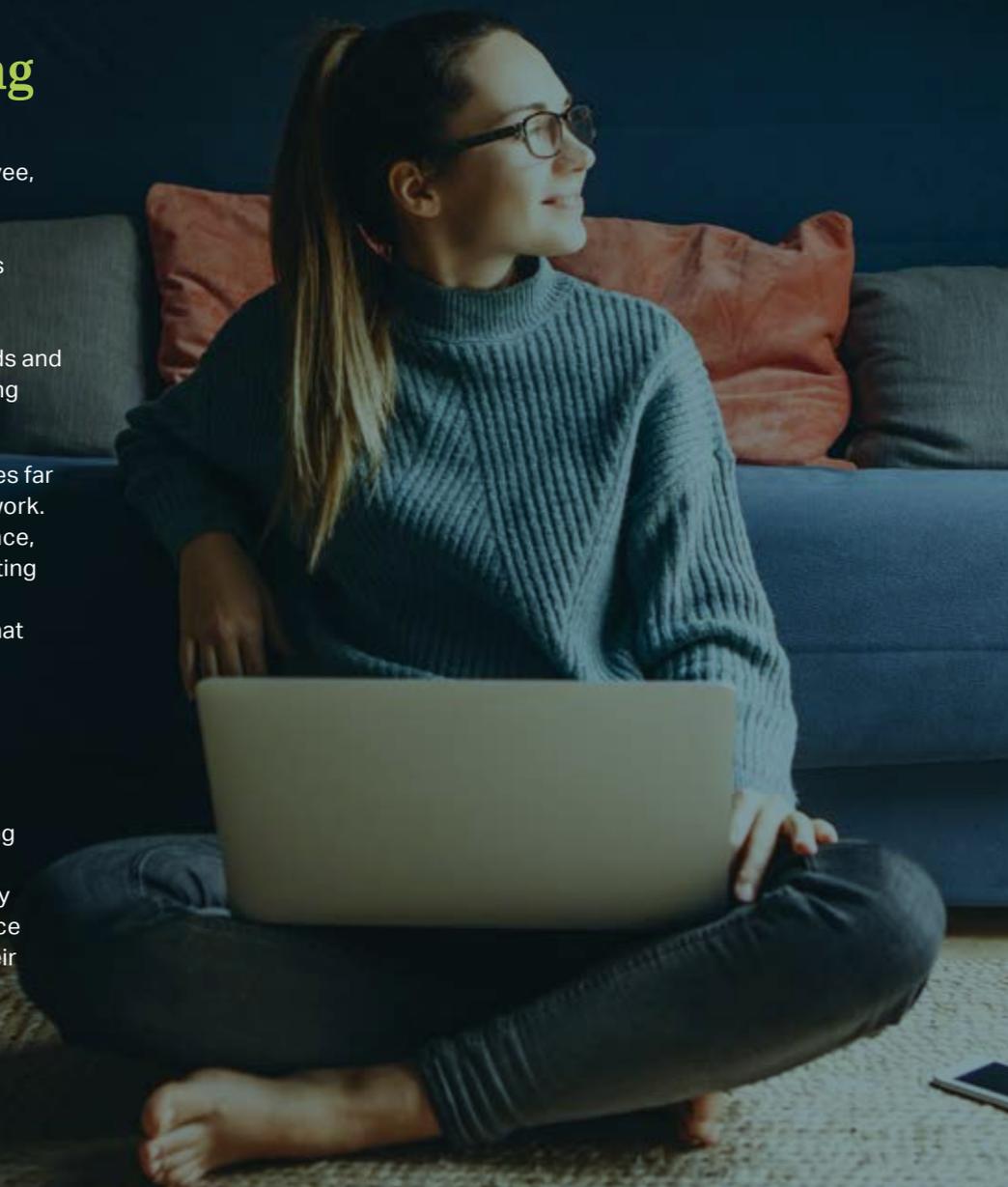
Flexible working

The guiding rule is that if an arrangement works for the employee, manager, the team and, most importantly, the client, it works for AECOM. Employees and managers are encouraged to work together to determine work schedules and locations that prioritize client needs and team collaboration while supporting individual needs.

Our Freedom to Grow program goes far beyond just when and where you work. We consider your holistic experience, encouraging flexibility and respecting diversity in work, communication and thinking styles — basically, what makes you, you.

Our graduates

You will split your time between working from the office and working from home, so you will have an element of both. However we do try and get our graduates into the office as much as possible early on in their career, to support your learning and development and meet other graduates on the programme.



Monday to Friday

Our standard full time working hours are 40 per week Monday to Friday, or 37.5 hours in the Republic of Ireland. There will be occasions such as working on a large bid with a tight deadline where some extra hours may be required, but as a general rule you will not be expected to work evenings or weekends, this is your time to relax with your family and friends.

Our two year development programme

The ADVANCE programme is designed to help you build your career in AECOM. You will attend a number of instructor-led training sessions where you will meet and hear from people across the business and take part in a series of interactive activities to equip you with the knowledge and skills you need to succeed in your role. Alongside the instructor-led elements of the ADVANCE programme, you will also engage with an online curriculum via AECOM University and have the opportunity to join the ADVANCE monthly webinar series.



ADVANCE 1

- Introduction to the ADVANCE programme
- Meet senior leaders
- Building our brand and creating our culture
- Social value
- Wellbeing, freedom to grow and career development workshops
- Equity, diversity, and inclusion

ADVANCE 2

Introduction to project delivery at AECOM

Digital transformation

Emotional intelligence

The session focuses on how we build and manage our professional relationships looking specifically at both collaboration and negotiation.

Bidding at AECOM

ADVANCE 3

AECOM projects in action

Day 1

Presentation skills

Days 2 & 3

Lifecycle of an AECOM project

The final event takes delegates through the lifecycle of an AECOM project. Led by leaders from the business, the session challenges apprentices and graduates as they work with their project team to deliver a successful project. The event is closed with a simulated client meeting, where delegates play the AECOM representation and the Directors play the clients.



AECOM University
ADVANCE
Learning Pathway



Gaining your
professional qualification(s)



Mentoring support



CSR
Corporate social
responsibility days



Becoming a
stem ambassador



Networking
with technical
experts and peers



Technical and software training



ALIS
AECOM library and
information services



Finance academy

Our benefits

Starting salary is typically between £25,500 to £29,500 in the UK or €30,000 to €34,000 in ROI. Salary is subject to degree level, experience, office location, and the role you are applying to.



Private medical insurance



Income protection
(after 12 months service)



Company contributory pension scheme



15 days' paid leave a year for formally signed up **reservists***



Free advice
on finance, legal and medical concerns



Annual season ticket loans
and cycle to work scheme



Life assurance



MyStrength
assisting with wellbeing

* AECOM has been recognised as a Gold Employer by the Ministry of Defence for our work with the Armed Forces Covenant.

Starting salaries and progression

25 days' annual leave
+ you can buy up to 10 days or sell up to 5

Flexible benefits package
(lifestyle discounts and cashback)

Bi-annual **salary review**
whilst on the development programme

2 paid Social value days a year

Graduates will be eligible for a bi-annual salary review, with the first subject to your start date. The idea of a bi-annual review is to allow the business to review your salary regularly to ensure it remains competitive subject to your performance.

Great Britain

Starting at £26,500 for bachelors (£27,500 in the south east) to £28,500 for masters (£29,500 in the south east). For our project management and surveying roles we pay £28,000 for London and £26,500 for all other locations.

Northern Ireland

£25,500 for bachelors to £27,500 for masters. For our project management and surveying roles £26,500.

Republic of Ireland

Starting at €30,000 for bachelors (€31,000 in Dublin) to €32,000 for masters (€33,000 in Dublin). For our project management and surveying roles we pay €34,000 in Dublin and €31,000 for all other locations.

How to apply

1 Online registration

🕒 30-40 minutes

There is a short online registration to enter your details and to demonstrate your suitability and passion for the practice area(s) you select.

There is no application deadline so please apply as soon as possible.

Apply at [aecom.com/careers](https://www.aecom.com/careers). Select 'graduate' in the keyword box

On the left sidebar, you can filter by UK or Ireland.

2 Situational judgement test

🕒 25-30 minutes

Our online, engaging and interactive assessment, bespoke to AECOM and designed with the help of our graduates, helps us assess how you would react in scenarios likely to happen at AECOM. You will be presented with 11 scenarios and asked to identify the most and least appropriate response from four possible options.

3 Final stage assessment

🕒 2+ hours

If successfully shortlisted for final stage, you will be invited for a technical assessment or full assessment day with the team you are being considered for. More details will be shared with you upon invitation to this stage.

💡 Useful tips

Please consult the various job descriptions before starting your application as these will indicate which practice areas you can apply to, based on your degree.

You can only submit one application form, but you can select and be considered for up to three practice areas.

When completing the Situational Judgement Test, answer the questions honestly, don't try to second guess what you think we want to hear.

In preparation for the final stage assessment, make sure you can demonstrate your knowledge of AECOM; your knowledge

and expertise relevant to the team you are applying to; and your passion and enthusiasm. Come prepared with some insightful questions.

If you are totally flexible on office location, please select the 'totally flexible' option.

Effort invested in your application form is so important. Use it to really sell your work experience and/or transferable skills, and in the free text question towards the end of the form really sell your passion for the practice areas you have selected, and your skills and knowledge relevant to these areas.

Equal opportunities

We are an equal opportunities employer, committed to creating a work environment that values diversity and positively encourages applications from suitably qualified and eligible candidates from all walks of life. All applications will be considered on merit alone.

Any questions?

Please email us at:
grad_recruit.europe@aecom.com



Halley VI Antarctic Research Station 7-t



6,400+

staff in the UK and Ireland working in 37 offices



47,000

staff worldwide



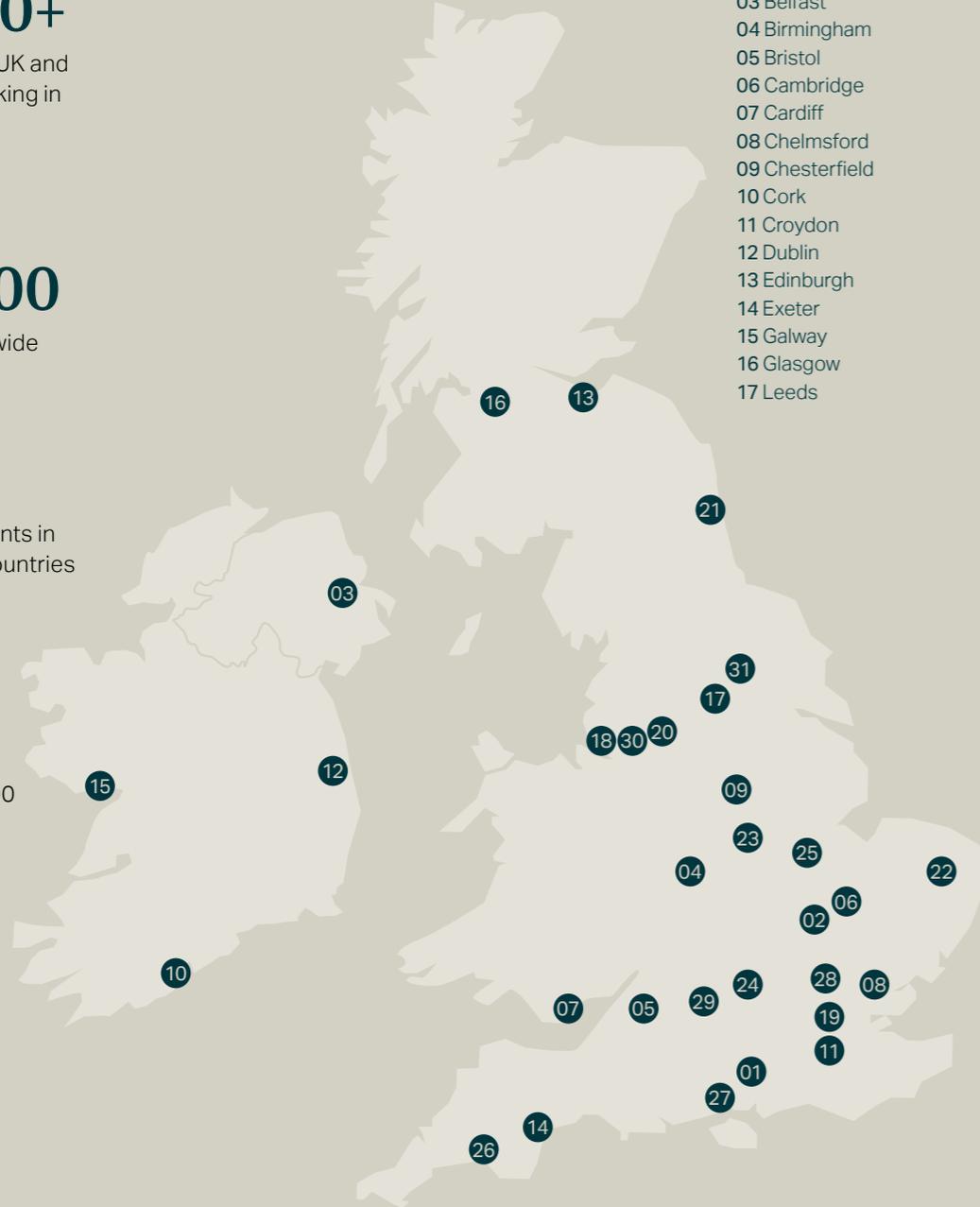
150

serving clients in over 150 countries



#79

in the UK300



Our UK and Ireland offices

- | | |
|-----------------|------------------------|
| 01 Basingstoke | 18 Liverpool |
| 02 Bedford | 19 London |
| 03 Belfast | 20 Manchester |
| 04 Birmingham | 21 Newcastle upon Tyne |
| 05 Bristol | 22 Norwich |
| 06 Cambridge | 23 Nottingham |
| 07 Cardiff | 24 Oxford |
| 08 Chelmsford | 25 Peterborough |
| 09 Chesterfield | 26 Plymouth |
| 10 Cork | 27 Southampton |
| 11 Croydon | 28 St Albans |
| 12 Dublin | 29 Swindon |
| 13 Edinburgh | 30 Warrington |
| 14 Exeter | 31 York |
| 15 Galway | |
| 16 Glasgow | |
| 17 Leeds | |



AECOM, Manchester
Office canteen and rest area

Transportation engineering and planning

“

I've assessed the 60 span Tees Bridge in Middlesbrough ensuring it is structurally sound to drive over.

Nava, graduate design engineer bridges, Chesterfield



Glasgow Central Station, Scotland, UK



Upper Forth Bridge, Scotland



Cycle Lane, Plymouth

Example projects

A303, Stonehenge

Upgrading of the A303 past Stonehenge from single to dual carriageway to solve the congestion problems and contribute to unlocking economic growth in the South West. The development will include the UK's longest twin-bore tunnel to reunite the two halves of the World Heritage site, allowing visitors to explore the historical landscape in a tranquil environment. Our services include environmental impact assessment, preliminary design, development consent order, traffic modelling, and stakeholder engagement.

Highlands Enhancement Programme Aberdeen to Inverurie Double Tracking

Framework designer working with contractor BAM Nuttall to deliver schemes that enhance line speeds and capacity on the railways linking

the cities of Perth, Aberdeen and Inverness. These schemes include the flagship project that involved double tracking 17 miles of single track railway between Aberdeen and Inverurie and all associated infrastructure such as bridges, roadworks, and a new railway station at Kintore.

Brent Cross, London

Development of a new urban village as part of the emerging new town centre. We led the design of the transport infrastructure that is key to the scheme, including masterplanning, transport planning, local and strategic traffic modelling, design of new road links (including the redesign of a number of junctions connecting the M1, A41, A5 and North Circular roads), and design of new bridges including the landmark Living Bridge.

A52 Meadowlane Footbridge

Design of a new semi-tie steel arch footbridge spanning the A52, to meet the client's ambition for a "gateway structure" to the new Wyvern Way redevelopment. We designed the semi-tie arch main span, thought to be the joint longest and most heavily loaded of its type in the country. Cutting edge non-linear, frequency and time-domain analyses were undertaken to demonstrate structural adequacy of the iconic structure.

Our services

- Bridge structures
- Roads
- Rail (civil and M&E)
- Transport planning
- Development planning
- Intelligent transport systems
- Strategic consultancy
- Aviation (civil infrastructure)
- Pavement design
- Development infrastructure

Key degrees we look for

Civil
Structural
Mechanical
Electrical
Transport planning
Geography
Mathematics
Economics

Degree classification

Minimum 2:1 or equivalent

Sponsorship towards

ICE
IMechE
IET
IStructE
CIHT
TPS

Building engineering and consulting

“

I'm designing energy efficient systems that contribute to the global sustainability targets for the built environment.

Jennifer, electrical engineer, St. Albans



Our services

- Building services
- Building structures
- Fire
- Sustainability
- Building infrastructure
- Building physics
- IT and communications
- Acoustics

Key degrees we look for

Civil/structural
 Mechanical
 Electrical
 Building services
 Fire
 Sustainability (buildings)
 Acoustics
 ICT

Degree classification

Minimum 2:1 or equivalent
 Masters preferred for all disciplines

Sponsorship towards

iCE
 IStructE
 IMechE
 IET
 CIBSE
 Institute of Acoustics IFE
 CIOB



BBC Broadcasting House, Glasgow, UK



GlaxoSmithKline Carbon Neutral Laboratory for Sustainable Chemistry, University of Nottingham



Innovation Centre, Exeter Science Park, UK

Example projects

Crossrail Paddington Arch, London

Design and delivery of technical structural design solutions for the new steel-framed structure for the Paddington Arch, which was constructed within an existing Grade I listed building with appropriate heritage consents. Working closely with the client and contractor teams, we assessed the cost and programme implications of our proposal, as well as its constructability and impact on other project disciplines and stakeholders.

Northern Estates Project, London

Refurbishment of existing buildings to accommodate Parliament during the renovation of the Palace of Westminster. We developed the sitewide fire strategy for the

temporary accommodation, and fire strategies for most buildings on the site. The design has to take into account the constraints of existing buildings, several of which are Grade II or Grade II* listed buildings.

King's College London (KCL) Strand Campus Redevelopment

Refurbishment of the Quadrangle Building and South West block at KCL's main Strand Campus. The heritage buildings will undergo major refurbishment for the 21st-century engineering department. We have completed a RIBA Stage 4A design for the building services and advised on specialist services such as energy efficiency, SKA and acoustics.

Forbury Place, Reading

Development of two new-build office developments totalling approximately 400,000 sq ft. Building two has recently won the prestigious British Council of Offices (BCO) regional award and has been put forward for the national finals. The offices were completed to category A standard, achieving BREEAM Excellent, EPC A rated and Wired Scope Platinum. Sustainable features include 700m² photovoltaic panels (350m² per building), air source heat pumps and rainwater harvesting.

Landscape architecture and architecture

“

I feel like I am growing and making an impact every day.

Vincent, Landscape architecture, London

Our services

- Architecture part 1&2
- Landscape architecture

Key degrees we look for

Architecture (part 1&2)
Landscape architecture

Degree classification

Minimum 2:1
or equivalent

Sponsorship towards

RIBA
LI



Dreamland, Margate, UK



Roseisle Whiskey Distillery, Speyside, UK



Mill Lane, Leicester, UK

Example projects

Portrush Public Realm

Portrush Public Realm aims to provide a safe, accessible, attractive and well-connected place for local people and visitors to enjoy, with increased economic benefit for local businesses. It is part of a wider revitalisation project which has transformed the town from an out of date, unattractive and inaccessible place. The scheme extends over eight streets comprised of new lighting, paving, art features, and bespoke street furniture sympathetic with the outstanding natural environment around it.

The Jubilee River

Our landscape and ecology teams oversee the management of the Jubilee River's rich and varied habitats, which include extensive areas of grassland, woodland and

wetlands such as reedbed and grazing marsh. We apply innovative survey techniques such as UAVs drones and a fully digital workflow to record, analyse and report on the success of our work. Our work also maintains the attractive cycling and pedestrian routes, boardwalks and viewing areas, delivering social and environmental benefits for local communities.

HMRC India Buildings, Liverpool

Technical advisor for the categories A and B refurbishment of this 10-storey Grade 2 listed building in the heart of Liverpool, to provide office accommodation for HM Revenues & Customs (HMRC). Supported at ground floor level by retail spaces, along the grand arcade and a public hub within the Regency suite, the development focuses on

the government's aspirations for inclusive design and the provision of high-quality office and public presentation spaces.

UPS — Airside Logistics Hub, East Midlands Airport

Currently on site, this project has required us to undertake the technical design for the facility and be involved in the on-site monitoring, site meetings as well as reviewing the other discipline and manufacturers' proposals and responding to onsite queries.

Surveying, project management and consulting

“

I'm managing the commercial activity on a major highways scheme and ensuring our client gets value for money.

Dilraj, project surveyor, Birmingham



Our services

- Quantity surveying
- Project management
- Building surveying
- Design management
- Transaction advisory
- Fiscal incentives
- Facilities management
- Process optimisation

Key degrees we look for

Quantity surveying (we do consider non-cognate applicants)
 Construction project management
 Building surveying
 Architecture
 Facilities management

Degree classification

Minimum 2:1 or equivalent

Sponsorship towards

RICS
 CIOB



22 Bishopsgate, London, UK



The Shard, London, UK



RAF Marham, Norfolk, UK

Example projects

Dubai Expo 2020, United Arab Emirates

The first World Expo held in the Middle East, Africa, or South Asia and is expected to have 25 million visitors throughout the event. The event will consist of a variety of pavilions designed by the world's leading architects. We were appointed as urban planning and public realm design consultant in 2015 to lead the site-wide master plan validation and design development along with the overall development of the public realm design, to deliver a unified quality, look, and feel.

Soho Place, London

Cost management of a new build scheme in central London. The development comprises two buildings — a commercial building with retail at ground and basement

and the first brand new theatre in London's West End for 50 years which are separated by public realm space. The project represents the largest construction contract signed by client, Derwent London.

Royal Opera House condition survey, London

Full asset condition service in order to provide recommendations for the repair of the historic ROH and Production Workhouse. The project encompasses building and MEP services for the life cycle profiling of the buildings to determine the condition of the fabric and MEP assets. With support from AECOM's heritage consultants, our surveyors are collecting data using Kykcloud via iPads, a highly intuitive software package that translates output directly into reports.

RAF Marham, Norfolk

Redevelopment of runways, and construction of operational accommodation facilities and aircraft hangars and shelters, to accommodate new aircraft being delivered to site. We are providing the multi-disciplinary services including project management, airfield engineering, civil and structure engineering and planning and environment, across ten development sites.

Geotechnical and tunnelling engineering

“

I'm supporting a ground investigation package on Lower Thames Crossing, to reduce delays and connect communities.

Catriona, geotechnical engineer, Glasgow



Our services

- Geotechnical
- Engineering geology
- Tunnelling

Key degrees we look for

Civil engineering
Engineering geology
Tunnelling engineering
Soil mechanics
Geotechnical Engineering

Degree classification

Minimum 2:1 or equivalent

Sponsorship towards

iCE
GEOLSOC
IStructE
IOM3



Lee Tunnel, London, UK



Jeddah Stormwater Drainage, Saudi Arabia



Lyme Regis Flood Defence, UK

Example projects

Hinkley Point C, Onshore Tunnels and Shafts, Nuclear New Build

Detailed design and construction support to a network of cooling water tunnels and shafts for the two new power station reactors. The design included sprayed concrete lining, rock bolt support and precast concrete segments. Construction support also focused on the tunnel boring machine launch, while complex three dimensional finite element models were produced to understand the interactions between adjacent structures and earthworks.

Eden Brows Landslip, Settle and Carlisle Line, Cumbria

A major landslip damaged the railway line during its construction in the late 1800s. Following the intense rainfall of Storm Desmond during Winter 2015/16, the relic

landslip was re-activated, causing substantial damage and closure of the railway. We carried out studies, ground investigations and design of the £25 million repair works, which involved a deep bored pile retaining structure. Completion of the works and reopening of the line was marked by a visit from the Flying Scotsman.

City of Liverpool Cruise Liner Terminal

Design and supervision of a technically-advanced and multifaceted ground investigation for the new terminal. We tailored a ground investigation to suit the proposed structure which included numerous innovative investigative methods seldom utilised in the overwater environment. The site setting was particularly challenging, working within both a bustling

city centre and the congested and environmentally sensitive River Mersey.

Lyme Regis Phase IV

Environmental improvements detailed design of slope stability improvements and supervision of the installation of 2500 soil nails, slope stabilising piles and a contiguous anchored pile wall with a series of sub-horizontal drilled drains, behind the wall. The scheme also involved the construction of a new sea wall. All the works carried out at a site with national and International heritage status.

Environmental consulting



My confidence has grown so much, both professionally and personally, since joining AECOM.

Theresa, graduate ecologist, Nottingham



Our services

- EIA, sea and ESHIA
- Remediation
- Ecology
- Climate change
- Air quality
- Acoustics
- Sustainability
- Archaeology
- GIS
- Stakeholder engagement
- Groundwater
- Hydrogeology
- Hydromorphology
- Carbon management
- Applied and environmental geology
- Arboriculture and forestry
- Landscape architecture
- Environmental economics
- Environmental policy
- Corporate EHS services
- Environmental due diligence
- Acoustical engineering
- Aquatic ecology
- Geomorphology
- Town planning
- Waste management
- Water science

Key degrees we look for

- Environmental science, environmental management/ impact assessment
- Geographical information systems
- Natural sciences (botany, zoology, ecology, marine science)
- Earth sciences (including geology and ocean sciences)
- Environmental economics
- EIA
- Environmental engineering
- Acoustics
- Air quality
- Archaeology
- Town planning
- Landscape architecture
- Hydrogeology
- Geography
- Physics
- Chemistry
- Geo-science
- Sustainability
- Carbon management
- Applied and environmental geology

- Aquatic ecology
- Waste management
- Geomorphology
- Wildlife conservation
- Species identification

Degree classification

- Minimum 2:1 or equivalent
- Masters preferred for some disciplines

Sponsorship towards

- AA, CIEEM, CifA, CIWEM, CIWM, CMet, GEOLSOC, IAQM, ICF, IEMA, IES, IFM, IOA, ICRS, LI, RGS, RTPi

Stopping alien invasions

Our invasive non-native species (INNS) technical team provides specialist and integrated management services at all scales — from surveys and herbicide treatments on single sites to planning long-term management for major landholdings. It is at the forefront of current research and plays a key role in developing best practice in the UK. The team is supported by more than 120 AECOM ecologists, many with detailed INNS knowledge and experience, enabling AECOM Ecology to mobilise INNS teams for large-scale projects such as HS2.





Forest Enterprise, England
Natural Capital Group



Stonehenge, England
Environmental Impact Assessments



Assets reviewed in Due Diligence project



Jubilee River, UK
Impact assessment and permitting

Example projects

Natural Capital Laboratory

We are committed to putting our research into practice and to this end we are leading an ambitious pro-bono project with conservation charity The Lifescape Project. Through the 'Natural Capital Laboratory' (NCL) we are restoring natural ecosystems on a 100-acre site in Scotland, encouraging people to connect with nature, and supporting species reintroductions in the area. Alongside this, we are using the site as a testbed to undertake experimental techniques to quantify, measure, and communicate environmental and social change on the site, including the use of drones, artificial intelligence and virtual reality.

A303 Stonehenge

We have prepared the environmental statement for Highways England's plans to improve the A303 between

Amesbury and Berwick Down which includes a 3.3km long tunnel past Stonehenge (World Heritage Site). Our environmental specialists have worked closely with the road design team to avoid, prevent, reduce or offset potential significant environmental effects.

Nent Hags Mine Water Treatment Scheme

We prepared the environmental statement associated with the installation of a mine water treatment scheme to treat mine water discharging from the Hags Mine Adit, at Nentsberry near Alston, Cumbria. Our technical specialists assessed the environmental implications of the scheme during its construction and operation, and defined a range of measures to avoid and reduce impacts upon this extremely sensitive and important ecological area.

Environmental and Technical Due Diligence Infrastructure Assessment

We have supported a major international infrastructure company over the last few years in diversifying their portfolio of assets. We undertake environmental and technical liability assessments of potential sites, looking holistically at the asset, its past use, current condition, certification and maintenance history. We then advise our client on any potential areas of liability, providing a ballpark figure on the cost to reduce or remove the liability to feed into their decision making. Working as part of a mergers and acquisitions team, this has been an often fast-paced and exciting project involving travel to some exciting and obscure places.

Air Quality and Odour Assessment (Thames Tideway Tunnel)

London's new 25km 'Super Sewer', will reduce sewage overflows into the River Thames and improve its water quality. We used advanced modelling techniques to assess air quality impacts from construction activities and emissions from construction vehicles, plant and barges. We also monitored dust before and during construction to ensure agreed working practices were minimising dust. Potential odour impacts when the tunnel is finished were also modelled to help refine the design and ensure odour levels can be managed.

Eton Sports College

Our arboriculture and forestry team helped Eton College design and secure planning consent for extensive new sports facilities in the grounds of the internationally recognised school. Our work included the innovative use of ground penetrating radar to map the extent of the roots of mature protected trees to inform the design and feasibility assessment for a new basement sports hall. We also supported the design of floating 'no dig' roads and footpaths close to significant trees across the site to ensure important tree roots are protected during construction.

Ecological innovation

AECOM ecologists work on many stages of small, medium and large-scale projects, delivering data and proposals through a number of specialist and industry leading methodologies. A large proportion of the work currently being done by the central England ecology team is advanced bat surveys on the HS2 project. Trapping, tagging and tracking bats provides far more robust and detailed datasets than traditional methods. This approach ensures that mitigation strategies on landscape-wide projects such as HS2 are more than just adequate in conserving the protected species within our environment.

Our ecologists use technology to benefit themselves and the environment; drones allow visual access to high risk sites and often identify the presence of key species such as otter and water vole; thermal imaging cameras allow more accurate bat sightings with the use of less surveyors working throughout the night.

For graduates seeking a more desk-based career, the green infrastructure team brings together architecture, engineering and the ecological sciences to create landmark structures such as green bridges. Many of these impressive projects would not be possible without the graphics, visuals and virtual reality scenes created by our in-house visualisation teams.

Design and planning

“

I'm working with and learning from colleagues and teams from around the world.

Megan, graduate town planner, London



Our services

- Urban design
- Master planning
- Town and urban planning
- Economic development
- Architecture
- Landscape architecture
- Interior design and workplace strategy

Key degrees we look for

Urban design
Town/urban planning
Economics
Geography
Interior design
Architecture (part 1&2)
Landscape architecture

Degree classification

Minimum 2:1 or equivalent

Sponsorship towards

rTPI
IPI
RIBA
LI



Dreamland, Margate



London 2012 Olympic and Paralympic Games, UK



BBC Media City, Salford, UK

Example projects

A5 Housing Infrastructure Bid, Warwickshire

The team was involved in leading and writing the economic case for the scheme's bid for Housing Infrastructure Fund closely with the transport modelling team and sub consultants. This includes developing a land value uplift model to monetise the benefits of the scheme for Warwickshire, developing the strategic case for the bid and identifying market failures and how the scheme addresses them.

East Bank, Queen Elizabeth Olympic Park

Having gained planning consent for the Legacy Communities Scheme on the Olympic Park, our planning team has led the complex planning applications for the new University College London (UCL) East Campus

and the Stratford Waterfront development on the East Bank which will see the BBC, V&A, Sadlers Wells and London College of Fashion creating a new cultural heart to London at the Queen Elizabeth Olympic Park.

Conceptual Masterplan for Castor and Ailsworth, Cambridgeshire

Commissioned by the Homes & Communities Agency (HCA). We have delivered a conceptual masterplan for a 358 Ha strategic site west of Peterborough. This site has the potential to create a new, sustainable community of 5,000 new homes with employment, social and community facilities. We carried out a detailed site analysis to understand the capacity and potential of the site.

The work included transport and market advice as well as understanding how to protect the sensitive context of the villages of Castor and Ailsworth.

Rolls-Royce, UK wide

We are Rolls-Royce's planning advisor across its UK sites. We secured permission for a site-wide masterplan for Derby Aerospace Campus and continue to secure various permissions as the company modernises and consolidates its estate.

Water engineering and consulting

“
I’m redesigning sewers to help combat increased storm events due to climate change.

Nikki, graduate water engineer, St. Albans



Our services

- Wastewater
- Water resources
- Flood prevention
- Dam structures
- Hydrogeology
- Coastal
- Ports and marine
- Hydrology
- Nuclear M&E

Key degrees we look for

Civil/structural
Mechanical
Electrical
Marine
Coastal
Hydrogeology
Geography
Water related degrees
Hydrology

Degree classification

Minimum 2:1
or equivalent

Sponsorship towards

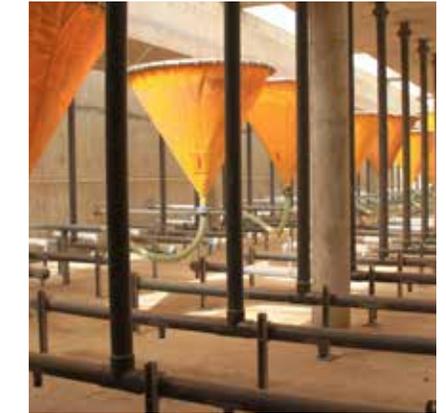
ICE
IStructE
IMechE
IET
CIWEM



Spen Valley Wastewater Treatment Works, Yorkshire, UK



Brain Burn Flood Defence, Edinburgh, UK



Omdurman Water Supply, Sudan

Example projects

The Thames Tideway Scheme

A new combined sewage storage and transfer system that protects the River Thames from overflows from the capital’s Victorian sewers. We are designing the central section covering 12.7km of 7.8m diameter tunnel about 50m below the river, as well as eight reclaimed foreshore structures and the associated new landscaping.

North Glasgow Integrated Water Management Scheme, Scottish Canals

Bringing together Scottish Canals, Glasgow City Council and Scottish Water to transform Glasgow’s centuries-old canal network into a modern water management scheme. Marrying digital technology with historic infrastructure, the project created a dynamic new stormwater runoff

system for the city which serves several new housing regeneration schemes and has enabled real-time, remote management of the canal’s water levels.

York Flood Alleviation Scheme, Environment Agency

Reducing flood risk to the City of York, this Environment Agency project aimed to improve the flood defences across the city, whilst preserving the archaeological heritage. Our work evolved from options and cost-benefit analysis, cost-benefit analysis to detailed design including hydraulic modelling, river engineering, economic assessment, carbon calculations, and stakeholder consultation.

London Bridge SuDS

Involving hydraulic modelling, conceptual, and detailed design, we prepared hydrological and urban runoff reports, and carried out drainage analysis, to inform the conceptual, landscape, and detailed engineering design of SuDS across three different areas. The schemes provide benefits through flood attenuation and from Thames Water funding, thanks to the reduced sewer load.

Power and energy

“

I'm working on nuclear deterrence new-build projects, designing structures required to withstand significant load requirements.

Sion, graduate engineer, nuclear, Warrington

Our services

- Thermal energy
- Nuclear structures
- Renewable energy
- Transmission and distribution
- Nuclear M&E

Key degrees we look for

Civil/structural
Mechanical
Electrical
Renewables
Chemical
Energy/power related degrees

Degree classification

Minimum 2:1 or equivalent

Sponsorship towards

IChemE
IStructE
IMechE
IET



Dounreay Nuclear Decommissioning, Scotland, UK



ElectroGas, Malta



Black Law Wind Farm, Lanarkshire, UK

Example projects

Facebook Datacentre

AECOM completed the planning application to ABP for the first contestably built 220 kV substation in Ireland. This required system studies and preliminary electrical design. We then acted as owners engineer for the 18 month construction phase for the 220 kV substation. AECOM has completed the second planning application for another 220 kV substation at the same site. This substation will start construction in summer 2019, for which we have completed the detailed electrical design for the 220 kV cable.

ElectroGas Malta

Malta has traditionally been reliant on fuel oil so the LNG to Power project is a significant part of Malta's future energy strategy to overcome this. AECOM provided

project, construction and technical management services for a new €480m Liquefied Natural Gas (LNG) to Power Project. The project consisted of a Floating Storage Unit (FSU) providing LNG, a new jetty for onshore regasification, a new CCGT Power Station, along with a new gas feed to the existing power station after a conversion to dual fuel.

Sellafield Pile 1 Diffuser Demolition

The project scope was to demolish the diffuser, a 1450 tonne reinforced concrete box section, at the top of the 110m high ventilation stack, located in the heart of a congested nuclear facility. AECOM played a significant role as the lead designer responsible for developing a safe demolition strategy for this contaminated structure, demonstrating stability at all stages

and designing the associated civil and structural works, mechanical, electrical and process engineering, including the design of the 150m high tower crane, the tallest ever on the Sellafield site.

Ghana Forestry Commission

Supporting the Ghana Forestry Commission to upgrade its IT equipment and implement solar technology. Better connectivity will assist the commission to meet international forestry governance standards.

Work placements

Offices

Please refer to page 16.

Get ahead with work experience

Each year we offer around 150 summer and industrial placement opportunities across the UK and Ireland. Our summer placements tend to be 6–12 weeks and our industrial placements 6–12 months. This will give you the opportunity to develop your technical and industry knowledge, and to experience the AECOM culture.

It also gives you the opportunity to demonstrate your skills and attributes, which may lead to a permanent graduate opportunity upon graduation.

London and Croydon

£24,952

Summer and industrial placements

Rest of the UK

£22,759

Summer and industrial placements

Republic of Ireland

€22-23k

Summer and industrial placements

How to apply

Applications open from October onwards. You can search for 'placement' opportunities at [aecom.com/jobs](https://www.aecom.com/jobs) where you can apply to any roles of interest by submitting your CV and cover letter if you have one. If you can't find any roles of interest you can enquire about potential opportunities at: grad_recruit.europe@aecom.com

Where we have opportunities

- Transportation
- Engineering and planning
- Environmental consulting
- Building engineering and consulting
- Water engineering and consulting
- Surveying and project management
- Geotechnical and tunnelling engineering
- Design, planning and economics
- Landscape architecture and architecture

At AECOM, we're delivering a better world.

We believe infrastructure creates opportunity for everyone. Whether it's improving your commute, keeping the lights on, providing access to clean water or transforming skylines, our work helps people and communities thrive.

Our clients trust us to bring together the best people, ideas, technical expertise and digital solutions to our work in transportation, buildings, water, the environment and new energy. We're one global team — 47,000 strong — driven by a common purpose to deliver a better world.

Here, you will have freedom to grow in a world of opportunity.



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