

ESRI UK



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Long-term marine planning

Read how The Crown Estate is using GIS to balance competing demands upon the seabed for the next 25 years.

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Cost-effective public services

Learn about the 3D digital twin that Harrow Council is building to help it cut costs and improve services for citizens.

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Innovation in the classroom

Discover the ground-breaking sustainability initiative that is enabling students to develop GIS and workplace skills.

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Making big ideas happen

Issue 55
Spring 2025

“Geographic information system (GIS) technology can help make big ideas happen, by uniting data, people, organisations and industries”

writes Peter Wilkinson, Esri UK’s Managing Director.

From climate change to energy security and from social equity to economic stability, the world is facing big challenges. In businesses too, the challenges can seem overwhelmingly big at times, as we all work to become sustainable, customer-focused, efficient and profitable with more inclusive workplaces, socially-responsible supply chains and lower impacts on the environment.

For all the challenges we face, we need new ideas to address them—and geographic information system (GIS) technology can help make big ideas happen, by uniting industries, organisations, people and data.

If you are reading this ThinkGIS publication at the Esri UK Annual Conference 2025, you are going to be hearing a lot today about how GIS helps people address big challenges by uniting our world.

But what does ‘uniting our world’ mean in practice?

Firstly, it can mean uniting organisations with a common understanding of complex issues. On page three, for example, you can read how The Crown Estate is using Esri’s ArcGIS technology to unite its partners and stakeholders with shared insight into the competing demands on the seabed. Meanwhile, the Met Office is publishing climate data in ArcGIS apps to help all organisations understand and focus on the growing risks from climate change (page 8).

In broader terms, ‘uniting our world’ can mean facilitating collaboration between industry sectors. I would like to draw your attention to the story on page 10 about the Bloxham Sustainability Challenge. You can read how an idea for a new school project has evolved into an incredibly successful initiative thanks to a collaboration between education and business.

Within organisations, it is important to unite employees with a common understanding of customers, assets, tasks and markets. The benefits of this are evident at the real estate organisation CBRE, which has made geospatial data more accessible to 200 employees across its business using ArcGIS (page 9). Similarly, at the UK Health and Safety Executive, ArcGIS provides employees with a shared understanding of hazards, helping them to operate more efficiently (page 5).

Another important aspect of ‘uniting our world’ is uniting data. Thames Water had the big idea to unite data on all planned and historic works along its 43,500-mile sewer network, and this initiative is now improving health and safety for staff and contractors (page 6). Harrow Council is uniting its data in a 3D digital twin that is expected to deliver significant cost savings and improvements in public services (page 5).

Together, the articles in this issue of ThinkGIS clearly show that using GIS to unite our world is not just a visionary concept but a reality. In all kinds of organisations—from charities like the Woodland Trust (page 6) to engineering companies like Murphy (page 9) and public sector bodies including the Valuation Office Agency (page 10)—GIS professionals are already uniting people, organisations, industries and data, and making big ideas happen.



Peter Wilkinson
Managing Director, Esri UK



Would you like to see your organisation in ThinkGIS?

Published in spring and autumn every year, ThinkGIS showcases the achievements of Esri UK’s customers. It features stories about organisations from a wide range of industry sectors to shine a spotlight on best practice uses of GIS and celebrate innovation.

Esri UK is always looking for suggestions for articles for future issues, so if you have a story to tell, let us know. We are keen to hear from customers that have recently delivered new GIS services, gained insight from geospatial analysis or transformed their business processes with GIS. Whether you are operating more sustainably or efficiently, collaborating effectively with partners or engaging with customers, tell us about your achievements, and we will help you to promote your success.

Contact marketing@esriuk.co.uk

The Crown Estate presents its long-term vision for the seabed

The organisation responsible for managing the seabed and much of the coastline around England, Wales and Northern Ireland has used ArcGIS to develop an evidence-based Marine Delivery Routemap to 2050.



When it comes to sustainably developing the seabed, a careful balance must be found. Space needs to be allocated for a range of sectors including offshore wind, cables and carbon storage facilities, but these new developments need to fit alongside established marine industries, while ensuring space for nature to flourish. Recognising the complexities of this challenge, The Crown Estate is developing a Marine Delivery Routemap, which includes evidence-based recommendations for how to balance competing demands upon the seabed for the next 25 years.

This holistic, long-term view of the marine space is the product of ground-breaking analysis that The Crown Estate has carried out using Esri's ArcGIS technology. For its Routemap, the organisation has built a sophisticated geospatial app that identifies and evaluates all potential development limitations, from pipelines and shipping routes to marine protected areas, enabling it to clearly identify seabed locations representing areas of

higher or lower constraint. It then conducts further analysis in an automated process, driven by ArcGIS Pro, to generate different scenarios for seabed use and understand the implications of each.

Opportunities for all sectors

Through this cutting-edge use of ArcGIS, The Crown Estate has revealed opportunities for a range of sectors, from energy and carbon storage to mineral extraction and cable infrastructure, at a level of detail that has never been achieved before. Putting nature at the centre of its decision-making, the organisation has been able to show why different locations are better suited to certain projects and how vulnerable species can be protected while optimising the use of the marine space.

Collaboration with stakeholders

The Marine Delivery Routemap will be published in an interactive format, utilising ArcGIS software where appropriate, to enable partners and

stakeholders to explore the plans, comment on them and collaborate. With clearer visibility of development opportunities right up until 2050, stakeholders will have greater confidence for the future which will enable them to secure investment for marine projects, build supply chains and create jobs across the UK.

A sustainable future

Using ArcGIS for long-term spatial planning has saved The Crown Estate hundreds of hours of analyst time and enabled the organisation to

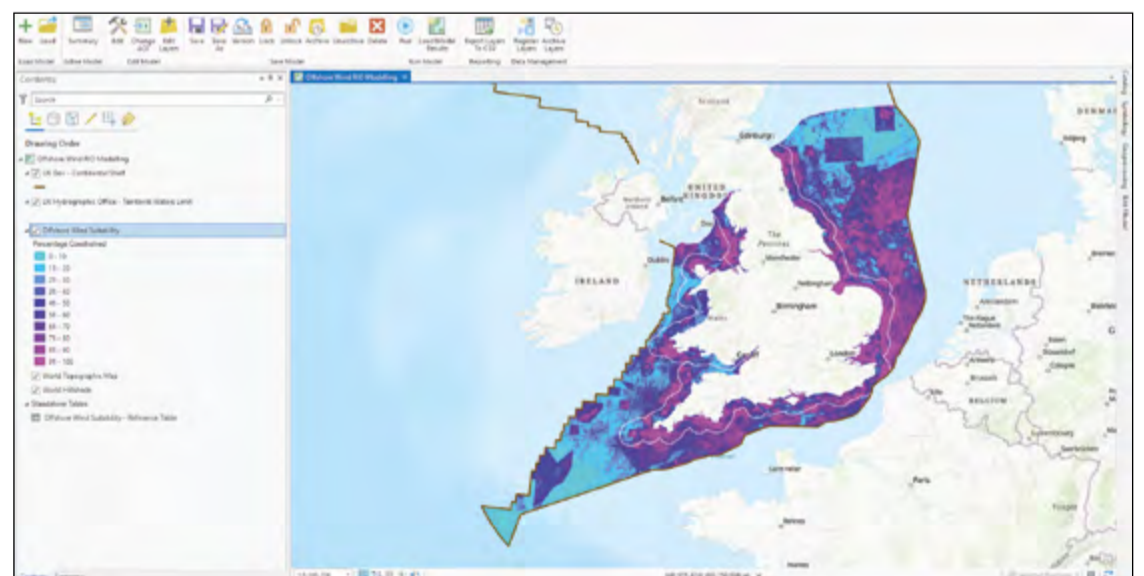
test thousands of different ways to reach 2050, all supporting the net zero transition, ensuring nature recovery and facilitating industry growth. The organisation now hopes that its Marine Delivery

Routemap will remove bottlenecks in the creation of green energy facilities, stimulate growth across all marine industries and help create a resilient, sustainable and decarbonised future for the UK.

"ArcGIS enables us to evaluate different potential uses of the marine space right up until 2050, for all of our sectors and the environment, and create the best possible routemap for the future."

Jamie Moore

Marine Delivery Routemap Director, The Crown Estate



Utilising ArcGIS to model constraints for offshore wind.

Location Intelligence

Three steps to improving strategic decision-making

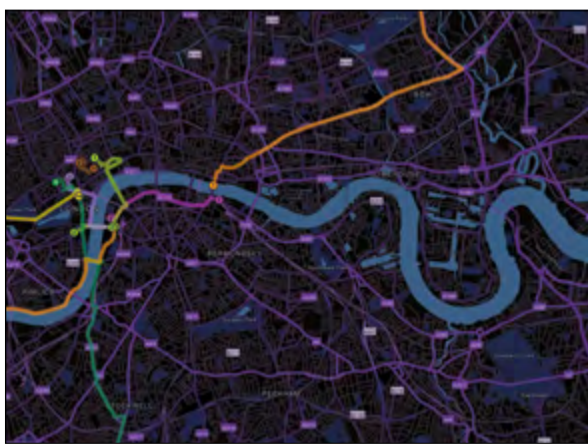
Senior executives can make better-informed and more effective strategic decisions by optimising the use of their data assets and harnessing the power of location intelligence.

The best strategic decisions are those that are based on the best available data. According to a recent TechPros survey, however, 61-80% of the valuable data held by organisations is underutilised. Pivotal data resources that decision makers need are often held in departmental silos or legacy systems, where they cannot be easily accessed. Meanwhile, the glut of data available from open sources, smart devices, sensors and mobile data capture solutions can simply be overwhelming.

GIS technology provides the key to unlocking this challenge, by enabling organisations to combine data from different sources, using location as the common denominator. Organisations can visualise all kinds of data clearly on maps and analyse it geospatially to discover patterns. In this way, senior executives can derive greater insight into issues and use their new location intelligence to inform their strategic decisions.

Step 1: Connect disparate data

From internal sales figures and third party market statistics to real-time rainfall, organisations can connect their disparate data in a single GIS platform, without the cost and complexity of having to replace or integrate different business systems. Data from siloed departmental systems, sensors, third parties and open sources can be viewed together and shared via digital maps, live dashboards and 3D digital twins.



Transport for London

Transport for London has used GIS to connect above-ground transportation data from its many directorates, on everything from buses and commuter trains to passenger ferries. Called the Surface Playbook, this solution provides diverse stakeholders with a single source of truth and a strong platform for planning, prioritising and improving public transport in the capital.

Step 2: Obtain strategic insights

When data is combined in a single GIS platform, organisations can analyse situations geospatially to detect and understand challenges, model solutions and make predictions. They can combine the power of GIS with geospatial artificial intelligence and create algorithms for detecting patterns automatically. GIS reveals previously unseen trends, giving senior executives fresh, strategic insights into business opportunities and risks.



Nespresso

Known globally for its premium single-serving coffees, Nespresso uses location intelligence to inform its business and sustainability practices. Data analytics powered by GIS sheds light on the granular details of day-to-day coffee farming, from how farmers deliver coffee beans to central mills, to the potential risks posed by climate change, and the environmental impacts of coffee farming.

Step 3: Make informed decisions

A range of GIS apps, dashboards and services can be created to put the location intelligence into the hands of the people who need it. Mobile solutions allow field-based employees to make informed decisions on the go, using the broader, contextual picture at their fingertips. In the boardroom, senior executives can explore opportunities for business improvements using real-time information and make critical decisions with confidence.



John Deere

The leading manufacturer of agricultural machinery and technology John Deere uses location intelligence to empower farmers to make real-time, analytics-fuelled decisions about crops and fields. It has, for instance, combined GIS with equipment sensors and machine learning to help farmers precisely target individual weeds and reduce chemical use by about 95%.

Download the Esri Location Intelligence eBook to read these customer stories in full.
[Find out more >](#)

Harrow Council starts cutting costs with 3D digital twin

The development of a three-dimensional, digital model of the London Borough of Harrow has started delivering thousands of pounds in cost savings, while also improving services for citizens.

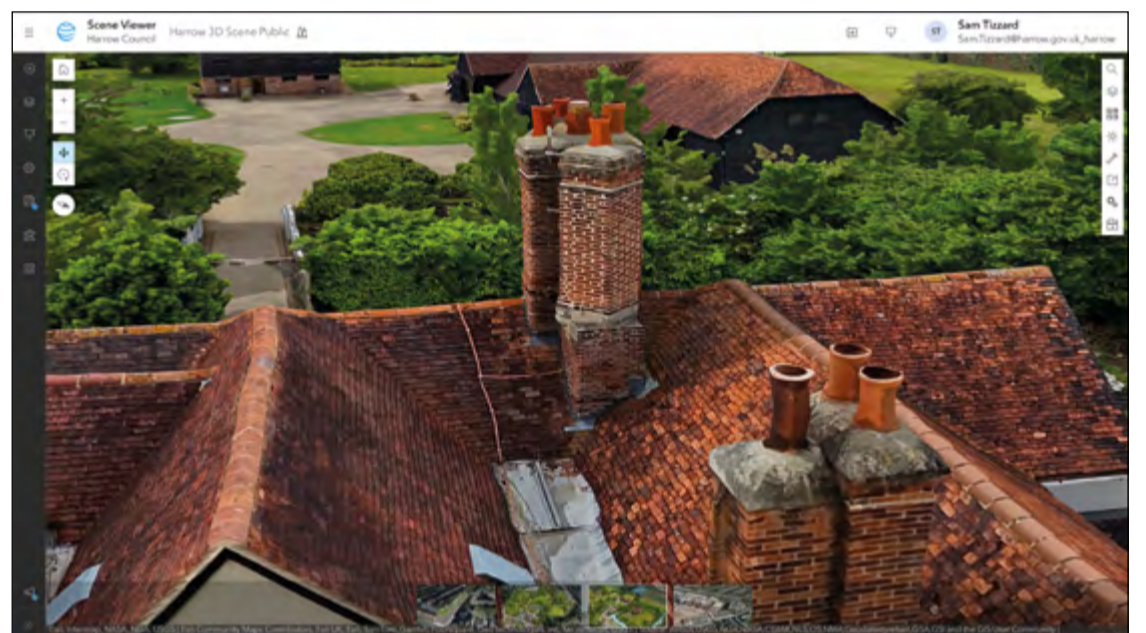
Local authorities in the UK operate under tight budgetary pressures and yet have increasing demands on their services. Recognising this, the London Borough of Harrow Council has begun the development of a 3D digital twin of the borough, which it believes will lead to significant efficiencies in the delivery of council services. The model combines a low-cost, low-resolution aerial mesh, 3D models from drone imagery and 3D technical drawings of buildings, and is being built using Esri's ArcGIS system.

Already, the new 3D model has saved the council £9,000 by removing the need for scaffolding and labour to inspect the condition of the roof at Headstone Manor. Instead,

the council was able to view roof tiles, up-close and in detail, in 3D, in ArcGIS Scene Viewer. The high-resolution, 3D imagery of Headstone Manor was captured using a drone and processed with Esri's cloud-based drone mapping solution, SiteScan for ArcGIS.

Harrow Council anticipates that its 3D model will also help to improve the consultation process for planning applications in the borough by reassuring residents about the impacts of new developments. Residents can, for example, explore 3D BIM (building information modelling) designs for a proposed new development on Milton Road in Harrow in ArcGIS Online and see how this new development will sit in

the existing environment. In addition, the 3D model will improve public awareness of the facilities available in greenspaces and parks throughout the borough and help to encourage a Healthier Harrow.



A close-up, 3D view of the roof of Headstone Manor in ArcGIS Online Scene Viewer.

Health and Safety Executive boosts operational efficiency

Driven by its mission to protect people and places, the Health and Safety Executive (HSE) has modernised a mission-critical ArcGIS application.

Throughout Great Britain there are hundreds of industrial facilities, pipelines, explosives factories and other facilities that represent a possible safety hazard. HSE has a statutory obligation to provide advice to planning authorities when new developments are proposed in close proximity to these high-risk sites. For

more than fifteen years, it has relied on an ArcGIS-based application, known internally as the Consultation Zone Mapper, to help it fulfil this role and define distance-based consultation zones around hazardous locations and along pipeline routes.

With support from Esri UK's Professional Services team,

HSE has recently modernised this pivotal application and migrated it to Esri's cloud-hosted ArcGIS Online solution. This ArcGIS upgrade has led to significant improvements in productivity. In particular, the land use planning team has reduced the time required to access the spatial data by 80%, enabling HSE to

perform its statutory role as a planning consultee more efficiently.

The upgrade project has also enabled HSE to introduce a host of new features and make the Consultation Zone Mapper available to new groups of employees. The pipeline inspection team and the

explosives team, for example, are now using the solution to see their data spatially for the first time. Usage of the ArcGIS app has more than doubled from around 50 to over 100 employees, significantly increasing the value that the organisation gains from its investment in this core business solution.



Thames Water works safely in sewers

An ArcGIS app for scheduling and managing maintenance work in the UK's largest sewerage system is improving health and safety.

Across London and the Thames Valley region there are in excess of 43,500 miles of sewers, some of which are over 150 years old. Staff and contractors working for Thames Water need to access this vast underground network daily to inspect, clean and maintain it, but the confined spaces are extremely hazardous due to the possibility of water surges, poisonous vapours and explosive gasses.

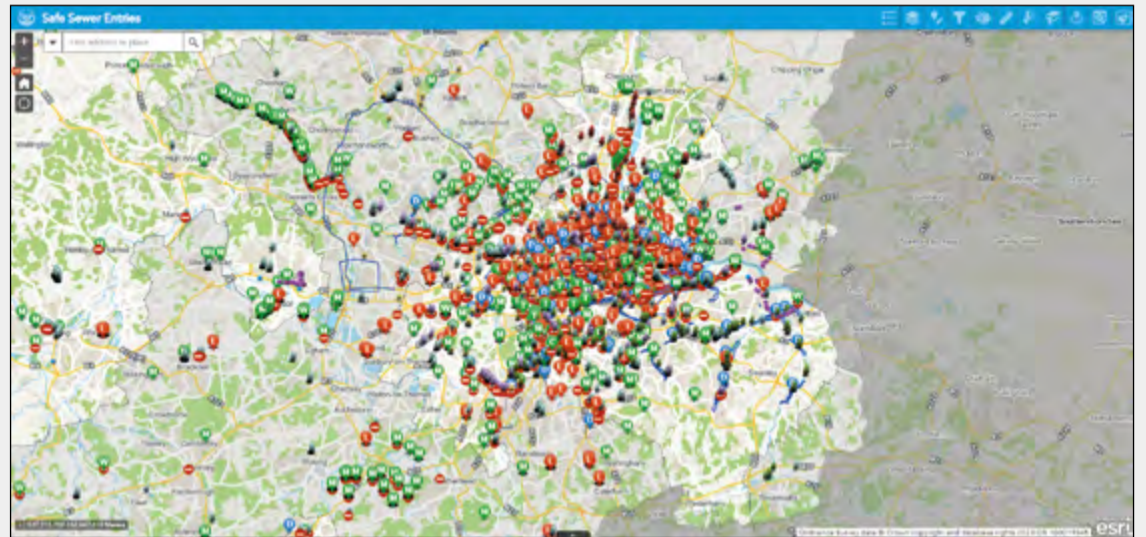
Thames Water uses an ArcGIS Enterprise app to help plan and authorise access to this high-risk environment and improve health and safety for everyone working in it. Called the Confined Spaces App, the solution provides managers with online visibility of all historic and planned works, enabling them to proactively manage activities across the entire wastewater network. They

can, for example, view works in similar locations and ensure that new projects, such as emergency repairs, do not increase risks for other teams working nearby.

Use of the Confined Spaces App also enables Thames

Water to work more productively and schedule the higher volume of confined space entries that are currently required as a result of sewer modernisation projects including the Thames Tideway Tunnel. By being

able to work more efficiently, Thames Water has supported the delivery of this 25 kilometre 'super sewer', which is helping to prevent sewerage discharges into the Thames and improve the health of this iconic river.



Thames Water's Confined Spaces App, showing safe sewer entries.

The Woodland Trust cultivates plans for millions of new trees

The UK's largest woodland conservation charity is using ArcGIS to help it plan and design over 500 hectares of new woodland per year.

Trees are a vital and precious feature of our countryside and urban landscapes. They absorb carbon from our atmosphere, cool our cities, help prevent flooding, remove pollutants from the air, provide habitats for wildlife and improve mental wellbeing. Yet just 13% of the UK is classed as woodland. Committed to protecting these woods and creating new woodland environments nationwide, the Woodland Trust is using Esri's ArcGIS technology to inform its plans for millions of new trees.

The charity's employees use ArcGIS Experience Builder to assess the suitability of different land parcels for planting projects. They then use an Sweet for ArcGIS app, alongside site visits, to design new wooded areas in detail, including the optimum densities of trees and the locations of paths and benches. In this way, they can plan the right mix of native trees, in the right locations, to help create new woodlands that are resilient to disease and pests, adaptable to climate change and ideal for local wildlife.

The Woodland Trust is also beginning to use dashboards, created in ArcGIS Online, to gain a single, standardised view of all tree-planting projects, across all locations and funding schemes, on its own land and land owned by partners, for the first time. These dashboards will enable the organisation to track the progress of its tree planting initiatives and manage the creation of over 500 hectares of varied and interesting new woodland per year.



A new woodland is planned using the Sweet for ArcGIS tool.

Celebrating women in GIS

Esri UK is proud to shine a light on the achievements of women in GIS as part of its successful, ongoing GIS Heroes programme.

As in the IT sector as a whole, women have traditionally been under-represented in the GIS industry. This is, however, rapidly changing, with more and more talented women studying GIS and pursuing careers in this field.

Through the GIS Heroes programme, Esri UK is highlighting the achievements of women in GIS to help inspire young women and encourage them to find out more about what the GIS industry offers. Our heroes include people like Donna Lyndsay who have built long and successful careers in GIS,

working for multiple organisations and delivering globally-significant projects. Other heroes, including Harriet Branson, are right at the start of their careers but bringing the skills and enthusiasm they developed at university into the workplace and making an immediate impact.

Who is your hero?

If you have a colleague or a partner who you believe is worthy of recognition as a GIS hero, please let us know!

Esri UK's GIS hero programme aims to acknowledge the achievements of individuals who are using GIS to make a real difference to people's lives, restore our natural world and drive innovation in business and public service. Heroes can be found working away modestly in all kinds of commercial businesses, not-for-profit organisations, conservation groups and public sector bodies.

Email your GIS Hero nomination to marketing@esriuk.com

Visit the Esri UK website to read Donna's and Harriet's stories.

[Find out more >](#)

Donna Lyndsay

In a successful career spanning three decades, Donna Lyndsay has held a variety of roles within different organisations and earned her reputation as one of the foremost visionary thinkers in the geospatial sector today. Her background in both space science and cartography gives her a unique perspective, enabling her to see new possibilities and put them into practice.



Harriet Branson

Little more than four years after leaving university, Harriet Branson is already making a strong impact in the conservation arena. A technical specialist at the international charity Fauna & Flora, she is playing a key role in sharing best practice methods of using GIS - within her own organisation, across global conservation projects and even more widely within the conservation sector.



The Met Office democratises access to climate data

Recognising the urgent need to respond to climate threats, the Met Office is making it easier for organisations to find and use its authoritative data on climate change.

Every day, the Met Office ingests three billion climate and weather observations and accumulates an additional 400 terabytes of scientific data. This 'big data' reveals incredible insight into past, current and future climate change and has a critical role to play in helping the UK to adapt to climate risks, ranging from flooding and wildfires to sea level rises. The Met Office is now democratising access to its climate data, by using Esri's ArcGIS technology to make the information easier to find, access and use.

A Climate Data Portal, built with ArcGIS Online, has succeeded in increasing the usage of the Met Office's climate data. Since it was launched in June 2023, this pivotal ArcGIS service has served up nearly a million views of climate data, for over 57,000 unique users.

Organisations use the portal to analyse historical and projected climate data, alongside their own operational and asset data, and gain a better understanding of their exposure to risks from changes in temperature, rain and sea levels.

Building on this success, the Met Office has recently launched a new scalable service called the Local Authority Climate Service, with funding from the Department of Environment, Food and Rural Affairs. Created using ArcGIS Dashboards and Report Builder for ArcGIS, this web-based app provides additional contextual information, helping councils to understand the implications of climate change at a local level. In the first four months alone, the Local Authority Climate

Service generated 7,600 location-specific reports that will help the UK public sector to protect people, services, businesses and property.

To further improve access to its climate data, the Met Office has made its climate observations and projections available via the ArcGIS Living Atlas, in formats that are ready to use in ArcGIS-based products and services. As the Met Office data is authenticated by Esri as 'authoritative,' users of the ArcGIS Living Atlas can feel confident that they are using a trusted data source to inform their decisions and improve their readiness for the future. The Met Office is planning to release more data via these services in the future.

[Visit Climate Data Portal](#)

[Find out more >](#)

Esri UK and the Met Office share a common goal in wanting to make it easy for people to use authoritative data to make better decisions. Climate change is something that will affect us all, so it has never been more important for us to work together to help organisations use climate data to respond, so they are better prepared to stay safe and take the necessary steps to adapt and thrive."

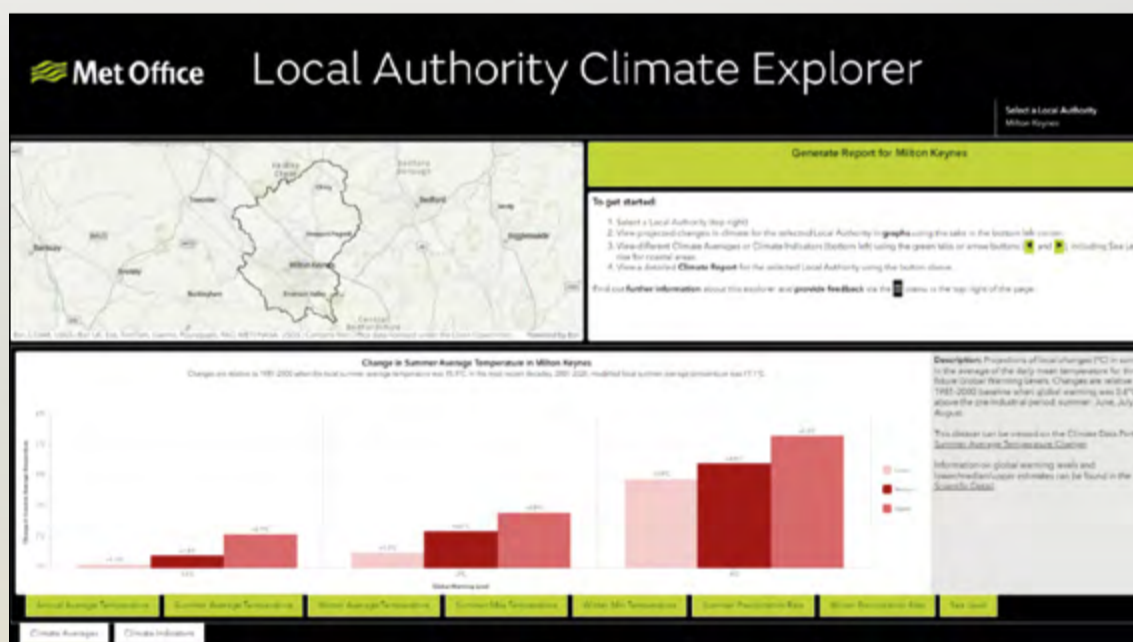
Met Office Spokesperson Daryl Edward
Associate Director of Product Delivery

Product in the SPOTLIGHT

ArcGIS Living Atlas of the World

The ArcGIS Living Atlas is recognised as the foremost collection of geographic information from around the globe. For GIS professionals and data analysts, it provides a vast range of maps, apps and data layers that can be easily integrated into ArcGIS projects.

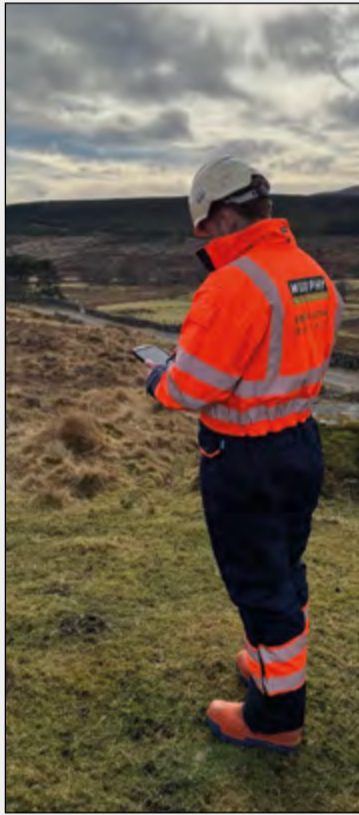
New information is added to the ArcGIS Living Atlas by global contributors every week. One recent addition is the Met Office's National Severe Weather Warnings dataset. It can be streamed directly from the ArcGIS Living Atlas into ArcGIS dashboards, web apps and maps to provide live, accurate and trusted information about weather-related risks.



Exploring climate information at the local level using the Local Authority Climate Service.

Murphy gathers data along 96km power line route

Working on behalf of Scottish and Southern Electricity Networks Transmission (SSEN Transmission), Murphy has implemented a fast and cost-effective way to gather data across a challenging terrain.



In northeast Scotland, Murphy is excited to be part of the team advancing the new electricity transmission infrastructure that will transport the clean electricity produced by Scotland's growing onshore and offshore renewable energy industry. The international engineering and construction company is supporting SSEN Transmission during the design phase of 297 steel towers, up to 166km of new access tracks, 80km of public road improvements and two new substations. The contract involves surveying land features along a 96km route, on land managed by over 100 landowners, to inform the design of the 400kV overhead power line.

To meet the demands of this complex project, Murphy has implemented a streamlined data capture process using Esri's ArcGIS Field Maps. Field-based staff use ArcGIS apps to record features on-site, which has saved a considerable amount of time and, at the same time, improved data accuracy. The number of people using the data collection apps will grow from around 50 to over 400 as the project progresses, multiplying the cost savings and efficiencies that the company is already gaining.

All the data collected in the field can be viewed instantly in ArcGIS Online by everyone working on the project. Consequently, Murphy and

the project owner can collaborate more closely and monitor progress in real time, in a transparent way. Multi-disciplinary teams all work from the same, accurate, up-to-date data, whether they are assessing environmental impacts, arranging land access or designing new features like bridges. This improved coordination helps Murphy to deliver a high-quality, safe and efficient project.



ArcGIS Field Maps being used to collect Public Road Improvement Site Surveys.

CBRE empowers brokers with real estate market insight

A global leader in real estate, CBRE has upgraded its core data visualisation system to enable brokers to provide more informed and efficient client services.

In the highly competitive real estate sector, the success of multi-million-pound deals can hinge on the quality of brokers' market knowledge. At CBRE, brokers have access to a powerful data visualisation system, built with Esri's ArcGIS Experience Builder solution, that gives them the accurate, geospatial data they need to deliver expert advice when their clients are expanding, developing or consolidating their property portfolios.

This core business system, known internally simply as DataViz, has recently been

upgraded and is now regularly accessed by more than 200 CBRE employees across the UK. Although less than 2% of these users have formal training or qualifications in GIS, they find the solution incredibly easy to use. They no longer need to search through disparate, non-interactive spreadsheets to find the data they need and can, therefore, work much more efficiently when delivering services for clients. CBRE also benefits from streamlined data editing workflows, which help to improve data currency and accuracy.

The amount of geospatial data that can be accessed and analysed via DataViz is growing all the time. Indeed, the number of sites that can be visualised in the solution has increased more than seven-fold from 1,000 to 7,500, and the floor space of tracked buildings has increased from around 200 million square feet to over 600 million square feet. With this additional, geospatial market intelligence available at their fingertips, brokers can improve their decision making and make well-informed client recommendations.



CBRE's DataViz solution for visualising and analysing property data.

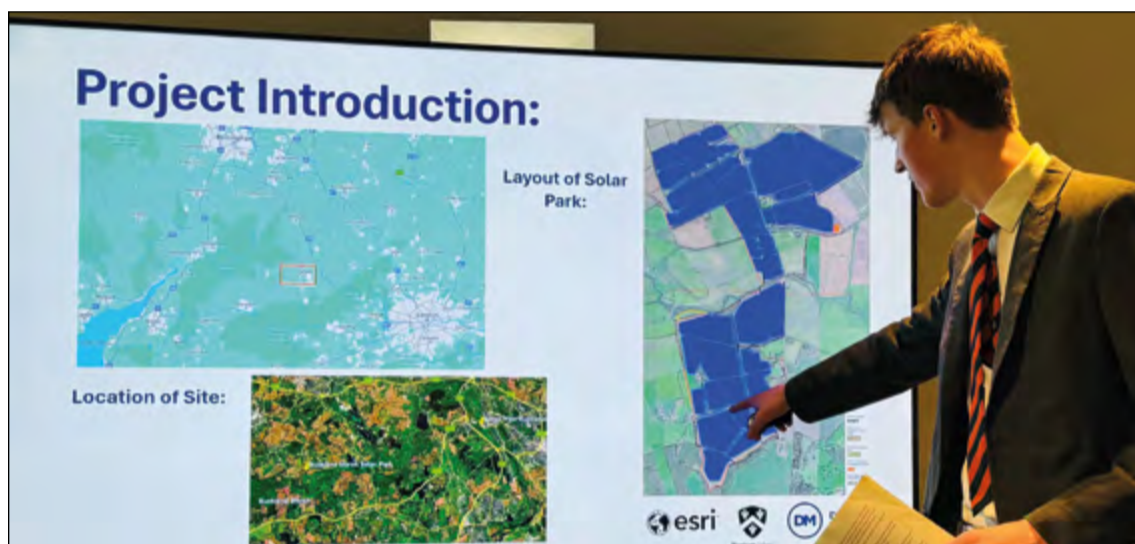
"DataViz sets us apart from our competitors by allowing us to make more informed decisions, to better meet the needs of our clients, helping us to offer the most innovative solutions."

Ciaran Bird

Divisional President, CBRE Advisory Services and CEO UK & Ireland

Students challenged to solve real-world problems

Bloxham School and Dalcour Maclaren have joined forces to run a ground-breaking sustainability initiative that helps students develop GIS and workplace skills.

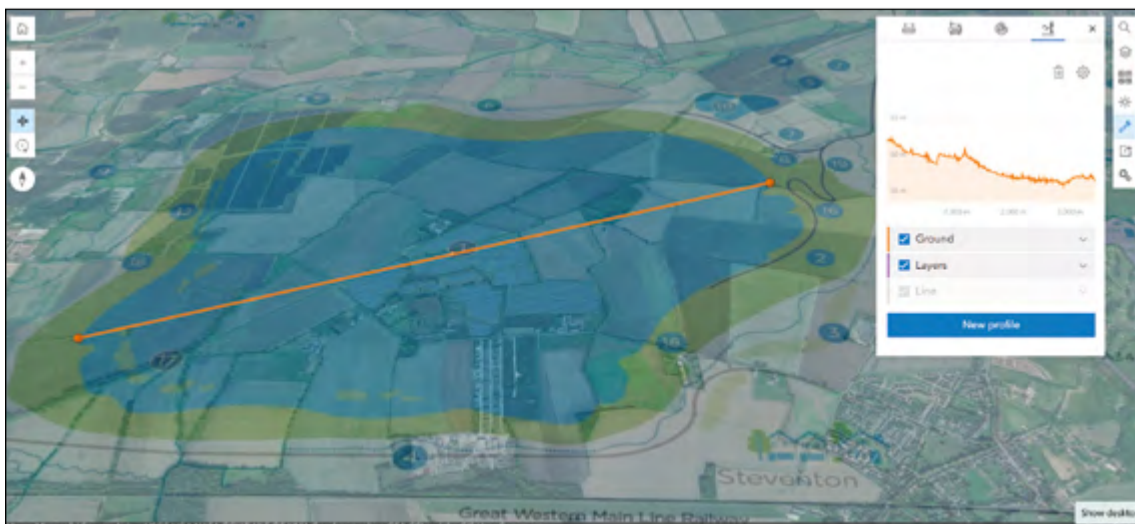


School leavers today need more than just qualifications to succeed in the world of work. They need experience in communicating, evaluating data, solving problems, conducting research and using technology. These are just some of the valuable new skills that Year 12 students in Oxfordshire and Warwickshire have the opportunity to gain in an educational initiative called the Bloxham Sustainability Challenge.

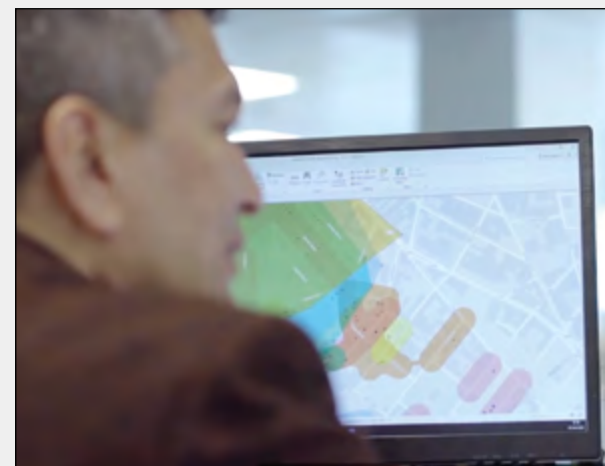
This highly creative scheme was devised by Bloxham School and Dalcour Maclaren, a consultancy that unlocks land consents for the

utilities and infrastructure sector. Students are challenged to evaluate a real-world sustainability project and use Esri's ArcGIS technology to find answers to complex problems. This year, seven teams of students from three schools are considering proposals for a new reservoir in Abingdon. They are using ArcGIS Online to visualise the proposed site, understand the implications for water supply and analyse the impacts on the environment. They are also using ArcGIS Survey123 to collect data in the field and survey the opinions of local residents, community groups and other stakeholders.

Held annually, the Bloxham Sustainability Challenge is supported by Esri UK's Schools Team, which provides ArcGIS training for students and teachers, as well as relevant resources. By taking part in the challenge, students gain proficiency in digital mapping and data visualisation techniques, while also developing an appreciation of the complexities associated with sustainable developments. The initiative sparks students' interest in careers in the sustainability sector and equips them with the skills to succeed in further study and employment in this vitally-important field.



Analysis of the proposed reservoir site at Abingdon, carried out by students in ArcGIS Online.



Valuation Office Agency values bespoke training

A three-day, bespoke training course delivered by Esri UK has introduced government data scientists to geospatial analysis for property valuation.

Geospatial analysis plays a critical role in enabling the Valuation Office Agency (VOA) to value properties accurately and consistently for Council Tax and non-domestic rates in England and Wales. Recognising this, the organisation recently ran training for its data scientists and statisticians to further enhance their geo-analytical skills.

The three-day course centred on demonstrating methods of pattern identification and spatial statistics using ArcGIS Pro and Python. The content of the course was customised by Esri UK to meet VOA's specific requirements and embedded real-world, hands-on exercises, using VOA data and workflows. For example, the trainer demonstrated ways to compare similar properties in the same area to ensure that the correct Council Tax band is assigned to newly built homes. As a result of this customisation, attendees could relate to the training materials and learn new techniques relevant to their day-to-day roles.

Previously, data scientists and statisticians at VOA had different levels of exposure to geo-analytical topics on property valuation. The training course provided the opportunity for VOA to upskill seventeen members of staff (plus two additional attendees from a partner government agency) and encourage the use of geo-analytical approaches across the whole organisation. The VOA employees who attended the course are looking forward to applying their new skills in the continuous process of valuing 26 million domestic properties and two million non-domestic properties across England and Wales.

Watch this video to hear about VOA's work with ArcGIS.

[Find out more >](#)

Uniting our world with GIS

This year's annual conference brings the GIS community together to explore the theme of 'Uniting our World'. As the UK's leading GIS event, it provides seasoned GIS professionals and newcomers to the industry with an unequalled opportunity to learn more about the power of geospatial technology.

Plan your day

If you are reading this publication at the Esri UK Annual Conference 2025, explore the venue map below and use it to help you plan your day. The event features presentations from customers, a partner exhibition, specialised industry and technical zones, workshops led by Esri UK's Learning Services group and talks from ArcGIS product experts.

Be in your places by 9:15am for the **Opening Plenary**, featuring an introduction from MD Peter Wilkinson, a technical showcase and an inspiring customer presentation.

Floor 3
Fleming/Whittle rooms

Round off the day in the **Closing Plenary** when the winners of Esri UK's Customer Success Awards are announced and some remarkable demonstrations are shared.

Floor 3
Fleming/Whittle rooms

FLOOR
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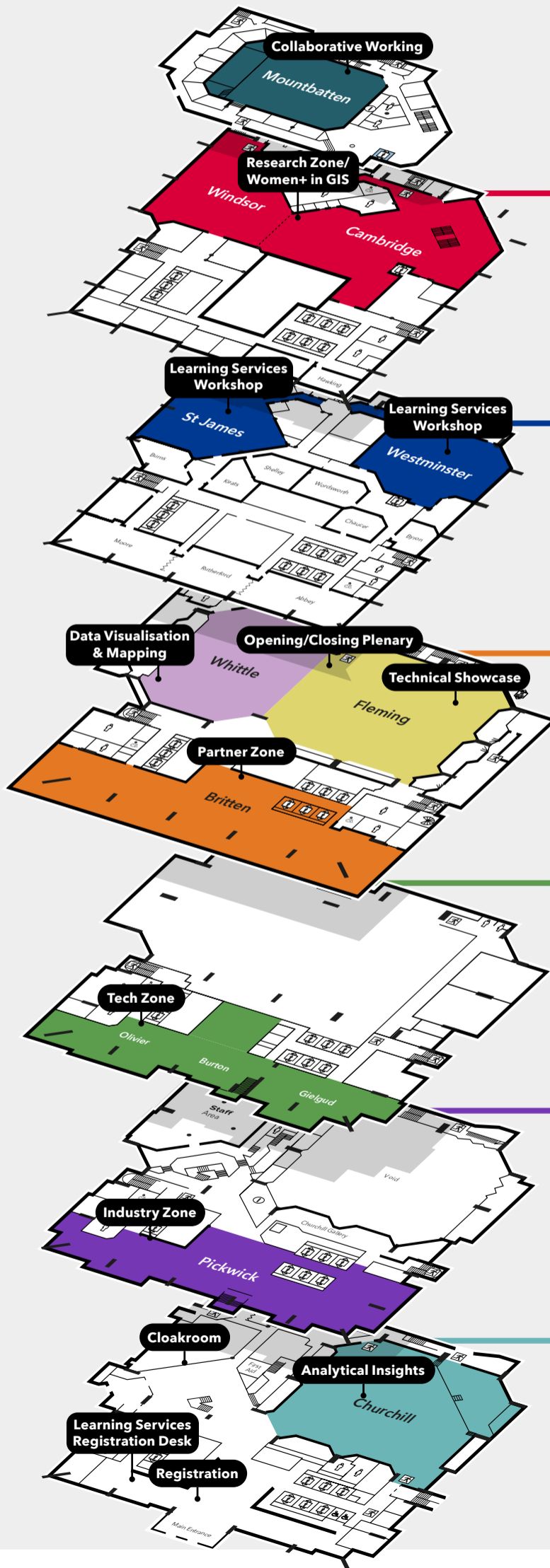
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Discover how to improve data sharing and team working within your organisation by attending presentations in the Collaborative Working track.
Floor 6, Mountbatten room

Head to the Research Zone to find out about research, careers and professional development in GIS and join the Women+ in GIS session.
Floor 5

Register for a Learning Services workshop on your arrival (ground floor) and take the opportunity to learn practical tips and techniques.
Floor 4, St James & Westminster rooms

Learn how to create attractive maps and make your data easier to understand by joining the Data Visualisation and Mapping track.
Floor 3, Whittle room

Find out what is on offer from Esri UK's extensive network of partners by visiting the Partner Zone.
Floor 3

Get technical with ArcGIS by joining Esri UK's product experts for sessions in the Technical Showcase.
Floor 3, Fleming room

Discuss your challenges with GIS experts and ask your questions about ArcGIS products in the Technical Zone.
Floor 2

Visit industry sector stands and discover the suite of products and solutions that are right for you in the Industry Zone.
Floor 1

Optimise your next data analysis project, by learning from the experiences of other ArcGIS users and the best practices shared by Esri UK in the Analytical Insights track.
Ground floor, Churchill room

Agenda

To ensure you get the maximum value out of your day, please take some time to plan the sessions you want to attend in advance.

08:00	Registration					
09:15	Opening Plenary Fleming & Whittle, 3rd Floor					
10:45	Break					
	Analytical Insights	Data Visualisation & Mapping	Technical Showcase	Collaborative Working	Learning Services Workshops*	
	Churchill (Ground floor)	Whittle (3rd Floor)	Fleming (3rd Floor)	Mountbatten (6th Floor)	St James (4th Floor)	Westminster (4th Floor)
11:30	Targeting knife crime using deeper hotspot analysis West Midlands Police & Esri UK	Empowering employees by delivering insight enterprise-wide CBRE & Esri UK	Capturing data easily and efficiently on the go Esri UK	Challenging future business leaders to collect and analyse data Bloxham School, Dalcour MacLaren & Esri UK	Using ArcGIS Pro ModelBuilder to automate workflows Esri UK	Working with geoprocessing tools in the Python scripting language Esri UK
12:10	Lunch					
13:10	Discussing the role of geography in tackling the housing shortage Panel discussion & Esri UK	Delivering efficient public services with a 3D digital twin London Borough of Harrow Council & Esri UK	Mastering the management of your ArcGIS Esri UK	Conserving precious peatland habitats using mobile apps RSPB Cymru & Esri UK	Introducing Express mode in ArcGIS Experience Builder Esri UK	Using ArcGIS Pro ModelBuilder to automate workflows Esri UK
13:50	Transition to tracks					
14:10	Creating a mapping toolkit to inform investments in sport Sport England, AtkinsRéalis & Esri UK	Engaging residents in urban planning through digital mapping South Woodford Society & Esri UK	Carrying out web editing with confidence Esri UK	Coordinating salmon conservation using interactive dashboards Scottish Fisheries Coordination Centre & Esri UK	Working with geoprocessing tools in the Python scripting language Esri UK	Introducing Express mode in ArcGIS Experience Builder Esri UK
14:50	Break					
15:30	Closing Plenary Fleming & Whittle, 3rd Floor					
16:30	Drinks Reception					
17:15	Conference Close					

For Speakers and Track info click below:
Find out more >

Women+ in GIS
Windsor, 5th Floor

Lunch Women+ in GIS Networking
13:10 Sharing experiences of equality and opportunity
Industry speaker & Esri UK

Times and content are subject to change.

*Learning Services Workshops can be booked at 08:30 on the day of the Annual Conference. Spaces are limited and will be allocated on a first come, first served basis.