



A Premium Geospatial Industry Conference

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Unlocking the power of location data

Towards green, liveable urban spaces

Ruth Cookman - Head of Policy
UK Geospatial Commission

About us

Established in 2018 as an expert committee within the UK government, with an independent board.

Responsible for:

- Strategic oversight of the geospatial ecosystem in the UK
- The budget for the public sector's largest investment in geospatial data
- Targeted investments in data projects that accelerate innovation and adoption of geospatial data applications



Geospatial Commission

UK's Geospatial Strategy, 2020-2025



Mission 1: Promote and safeguard the use of location data



Mission 2: Improve access to better location data



Mission 3: Enhance capabilities, skills and awareness

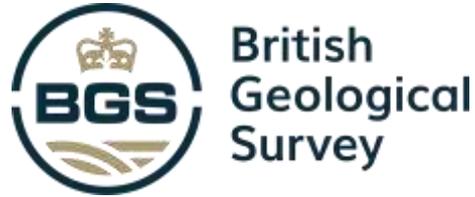


Mission 4: Enable innovation



Partner Bodies

The Geospatial Commission has a formal relationship with six core 'partner bodies' (the Geo6). The partner bodies are:



Each of these partners play a central role in the delivery of the UK's Geospatial Strategy - both through the geospatial data they hold and their extensive expertise.

Geospatial data is crucial to many of the UK's priorities

- Net zero targets
- Data-driven public sector
- Spreading opportunity equally across the UK
- Innovation in science & technology





Reducing greenhouse gas emissions

- Supporting system wide infrastructure change - across power, heat and transport networks
- Bringing efficiencies to drive down emissions



Reshaping the city: green, efficient transport

The Geospatial Commission's recent publication "Positioning the UK in the Fast Lane" outlined the significant location data opportunities for better UK transport.

It highlighted the role of location data in the provision of EV infrastructure as an important area for future focus.

Unlocking the potential of location data in the transport ecosystem

Themes	<ol style="list-style-type: none"> 1. Treating mobility as an interconnected system 2. Promoting data interoperability and standards 3. Making data more findable and accessible 4. Improving data reuse 5. Enabling greener modes of transport 6. Unlocking the potential for data-driven innovation in transport 					
Use Case						
Opportunity Areas	Roads <ul style="list-style-type: none"> • Improving data re-use and exchange in planning, construction, and maintenance • Managing streetworks more effectively • Optimising traffic management systems 	Road and rail haulage <ul style="list-style-type: none"> • Encouraging adoption of vehicle telematics • Developing common standards of vehicle telematics • Modelling freight networks 	Route optimisation <ul style="list-style-type: none"> • Investing in bespoke operational route planning systems • Supporting the development of strategic route planning systems 	Electric vehicles <ul style="list-style-type: none"> • Planning new charging infrastructure • Enabling bespoke electric vehicles routing applications • Managing grid capacity 	Connected & autonomous vehicles <ul style="list-style-type: none"> • Generating an exchange of high definition mapping data • Investing in incremental vehicle-to-everything trials and testing 	Drones and Unmanned Aircraft Systems <ul style="list-style-type: none"> • Improving navigation and positioning systems • Managing flight paths and airspace • Creating digital testing and simulation environments

Electric Vehicle Location Data Discovery

- Exploring location data opportunities to support local rollout of EV infrastructure
- Helping address the challenge of delivering on-street charging





Land Data Programme

- Land is a finite resource that faces increasing and competing demands
- Demonstrating the value of an improved geospatial modelling capability to inform future land use



Geospatial Commission

You can find out more about our work at:



[gov.uk/government/organisations/geospatial-commission](https://www.gov.uk/government/organisations/geospatial-commission)



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