



Geospatial
Commission

UK R&D landscape and collaborative research

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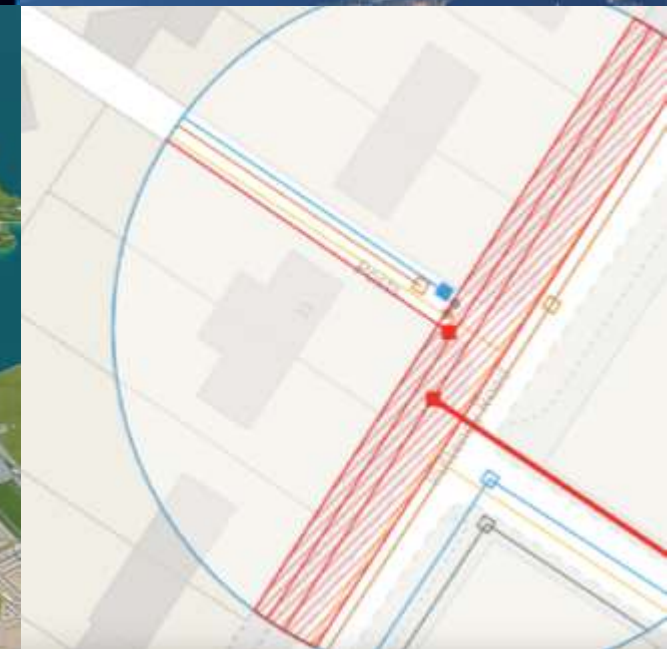
Introduction to the UK Geospatial Commission



UK Geospatial Commission

The Geospatial Commission is an expert committee responsible for setting the UK's geospatial strategy and coordinating public sector geospatial activity.

We are part of the Department for Science, Innovation and Technology.



Why we were set up

- Formed April 2018, linked to economic value of **£6-£11bn** p.a.
- Objective to unlock significant **economic, social and environmental value** from location data.
- **Strategic oversight** of the geospatial ecosystem in the UK.
- **Initial Programme budget of £40m** p.a. for 2 years to improve data infrastructure and accelerate adoption.
- Hold **public sector data contracts** delivering geospatial data worth **£1bn** over 10 years.





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UK R&D Landscape

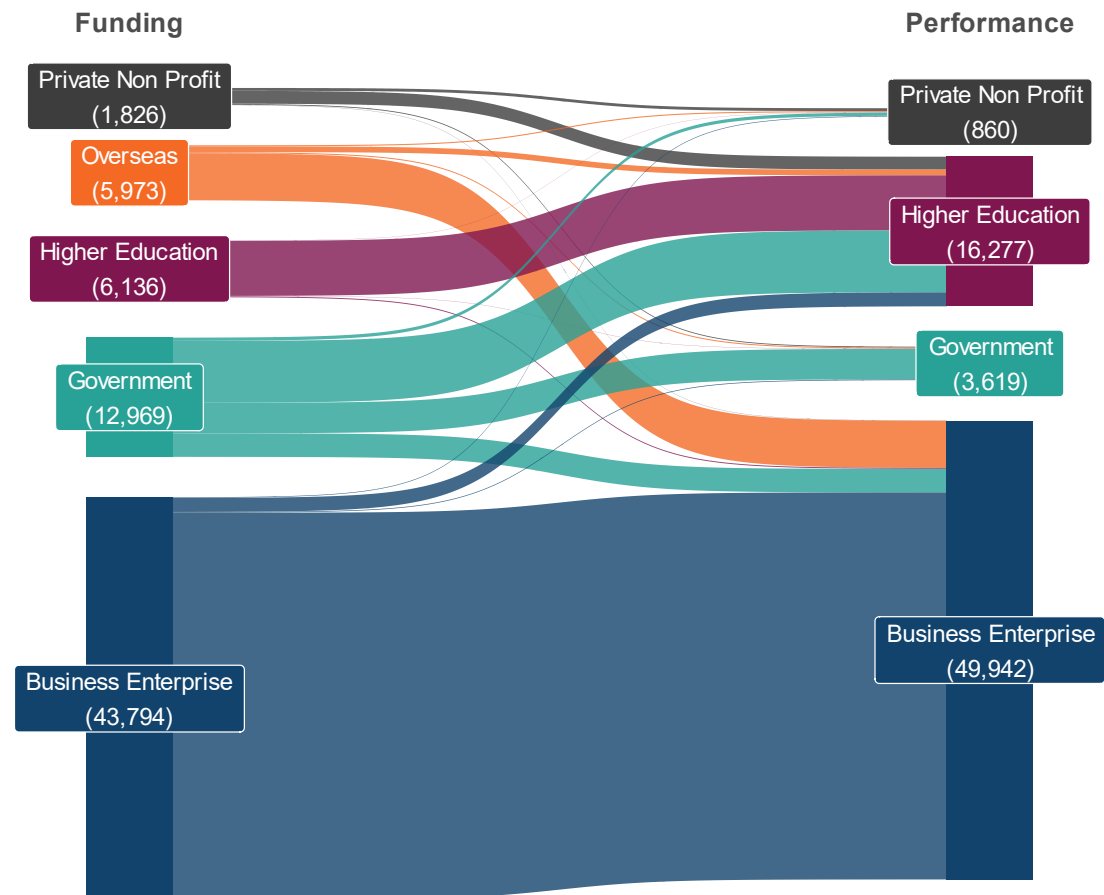


UK R&D Expenditure

Expenditure on R&D performed in the UK was £70.7 billion in 2022 or c.2.8% of GDP (ONS)

Gross Expenditure on UK R&D (2022)

Current prices (£ Million)



UK Research and Innovation (UKRI)

- Created in April 2018
- Non-departmental public body sponsored by Department for Science, Innovation and Technology.
- Investing £830m to support government priorities across 34 multi and inter-multidisciplinary research themes
- Brings together 7 disciplinary research councils, Research England and Innovate UK.
- Innovate UK provides an innovation ecosystem that is agile, inclusive and easy to navigate, supporting UK businesses to grow.



**UK Research
and Innovation**

Skills and Capabilities

- Work with academia and R&D and supporting skills and research and development, including University of Southampton Geospatial Centre.
- Focus on skills and research across the ecosystem, including across industry and out to other stakeholders

Collaborative Partnerships

National Underground Asset Register:

NUAR is an emerging digital map of underground pipes and cables that is revolutionising the way we install, maintain, operate and repair our buried infrastructure.

DemoLand with Alan Turing Institute:

The Alan Turing Institute worked closely with planners from Newcastle City Council to apply Geospatial AI technology to real world use cases and subsequently inform challenge areas for where further work is needed to maximise value from the technology.

National Land Data Programme Pilots:

A series of regional pilots across the UK to explore the opportunities for spatial data to inform how local stakeholders make more joined up decisions on land.



Geovation

- Created 15 years ago, an Ordnance Survey initiative offering an award-winning Accelerator Programme
- Objective is to help early-stage startups (pre-revenue and pre-investment) using location data, grow and develop.
- Focused on open innovation and the positive impact it can have on people, planet and profit
- Community exceeding 2,000 members with location data at heart.
- Has awarded over £880,000 in funding to over 147 companies, generating over 800 ideas and raising over £155m (over \$200M)
- Geospatial Innovation Awards celebrating innovation that empowers people, shapes landscapes and safeguards our planet. Categories were inspired by the UN Sustainable Development Goals (SDGs)



Geovation – a few use cases

- [Landapp](#) provides a comprehensive platform for landowners, planners, and developers to manage and visualize land data, facilitating efficient planning and land use decisions.
- [Orbital Witness](#) develops technology that captures satellite images of land and property for due diligence related information to real estate lawyers.
- [Flock](#) launched the world's first real-time insurance product for car rental platforms, courier companies, and corporate fleets. Flock has since raised \$17 million in funding and became the first Geovation venture in which OS exercised a share option to acquire equity.
- [ProxyAddress](#): For those facing homelessness, ProxyAddress provides a consistent, secure, and free address that can be used to access essential services such as opening a bank account, applying for a job, or registering with a GP.

Thank you

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