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William Priest, Geospatial Commission, UK Government

United Nations World Geospatial Information Congress The Geospatial Way to a Better World 19 November 2018



The geospatial moment for the UK

UK government has committed to maximise the value from geospatial data and to help enable the digital economy

Geospatial Commission is being established with £80 million of initial funding



Geospatial data and technologies empowers:

a smart government and a smart nation

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Geospatial data offers an economic and social value opportunity

- The data revolution is changing the way we live, work, and travel
- New technologies that drive use, collection and storage of this data are increasing the relevance and quality of geospatial data
- Better geospatial data is then providing us with new insights about efficiencies in a range of sectors - from housing to finance increasing the potential to be more productive

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Future of mobility: One of the "Grand Challenges" - government developing a strategy for the future of urban mobility, and how to support innovation across the country

National Data strategy: to unlock the power of data in the UK

economy and government, while building public confidence in its

Department for Transport

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Department for

Digital, Culture Media & Sport

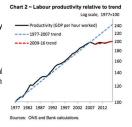
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The productivity opportunity

- Productivity growth has slowed globally in the last 10 years, but the slowdown in the UK was particularly acute.
- Since 2010, the government has provided over £500 billion in capital investment, increased investment in skills, and reduced taxes for business to boost investment, and help drive up productivity



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We have identified the key geospatial areas where we can unlock economic value

- Analysis has identified a potential £6-11 billion per annum economic value from private sector use cases from better use and adoption of geospatial data.
- This identified five key sectors where the highest latent value was:
 - o Retail and logistics
 - Property and land
 - Infrastructure and construction
 - Mobility
 - Natural resources
- Informed by this, we have identified projects which can help deliver this value

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Creating more effective and efficient public services

Public services:

- · Environmental management
- · Emergency services
- · Transport networks
- · Housing and planning

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Cabinet Office

Developing the UK's geospatial ecosystem

To help create the right environment to realise the potential value, the Commission will support projects in the following key areas:

- Improving data assets and standards (quality / usability / interoperability and access)
- Growing innovation
- Driving adoption of geospatial technology and applications
- · Improving skills, capability and resources
- Understanding the future technology landscape

The Commission will use its resources over the next two years and beyond to fund and implement a range of projects to inform and support the emerging National Geospatial Strategy.

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What we have delivered since Spring 2018:

- We have started to develop the UK's National Geospatial Strategy
- We have announced our initial investments:

 - Investment and asset map
 Crowdsorcuing location data to improve efficiency of data collection
 Identifying underground assets
- We have been raising awareness of geospatial, sector wide:

 Holding engagement events across the UK with 500 public and private sector organisations

 10 Downing Street hosted geospatial leaders for the first time to discuss government priorities for the sector
- Engaging internationally to learn from and share with others