



Geospatial  
Commission

## **Geospatial Commission**

Nigel Clifford, Deputy Chair

7 October 2019



# Four topics

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1. International and national context
2. The Commission – what progress?
3. What are we doing?
4. What next?





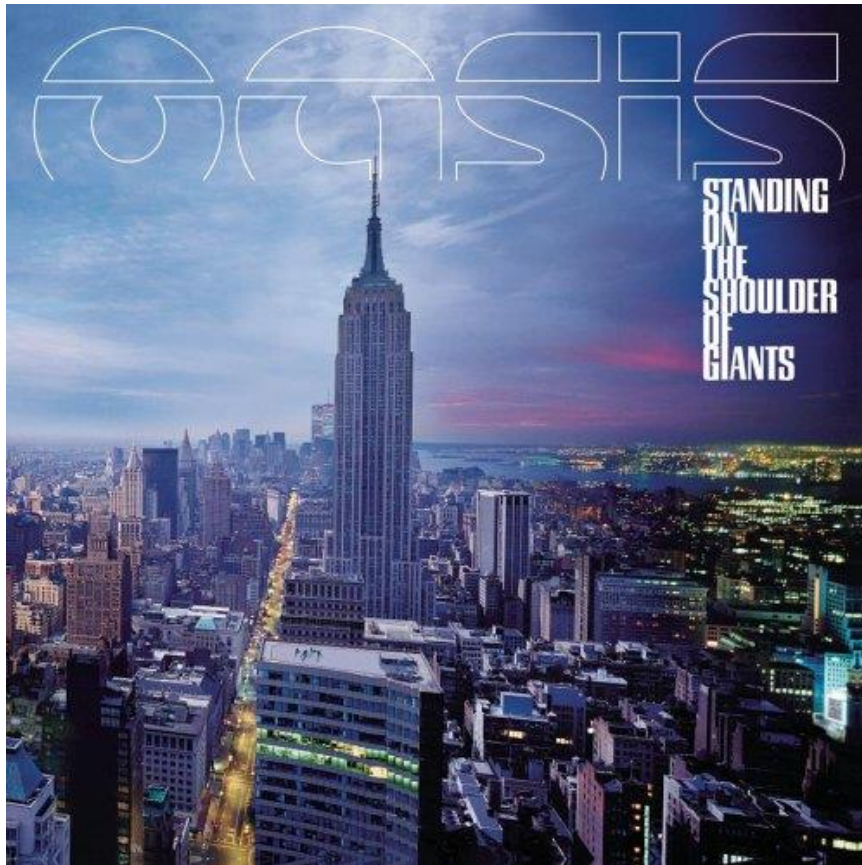
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## International and national foundations



# There are international role models

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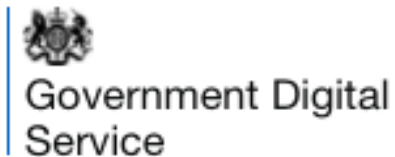


## Seen

- the benefits of an ‘unaligned’ group
- ..with influence
- ..able to take a wide view of needs, workings and future demands
- ..of the geospatial industry
- ..and cause appropriate changes

Observed the UNGGIM’s work on NSDIs

# Nationally, there is a strong data thread across government programmes



## **National Productivity Investment Fund:**

£37 billion fund investing in areas critical to productivity

## **Industrial Strategy:**

Boosting UK productivity with investment in skills, industries and infrastructure ready for the fourth industrial revolution

## **Understanding the value of data:**

The opportunity and challenges in promoting data-driven innovation

## **Smart government:**

What is the potential for emerging technologies

## **National Data strategy:**

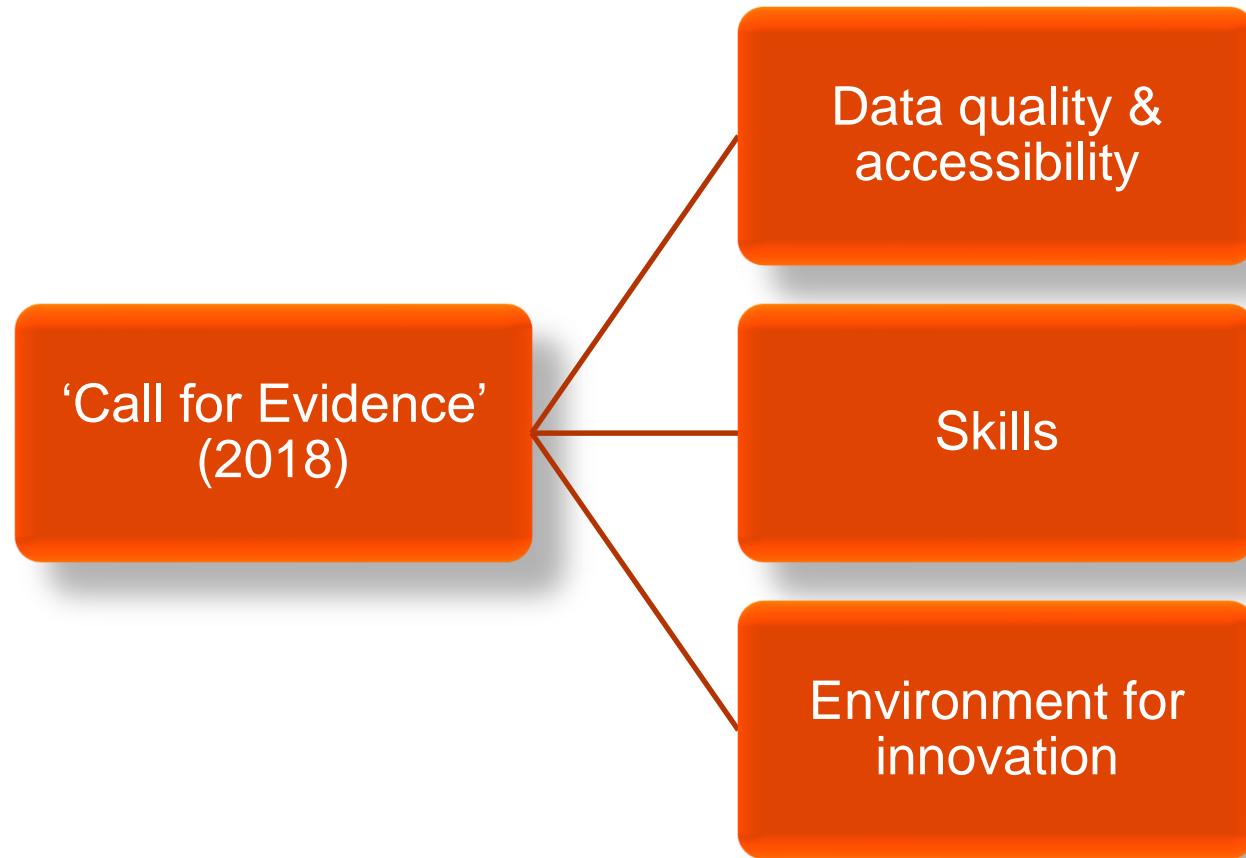
Unlocking the power of data in the UK economy and government, while building public confidence in its use

## **Future of mobility:**

One of the "Grand Challenges" - government strategy for the future of urban mobility, and national innovation



# There is a demand for action on a multi-agency basis

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# Hence, the Geospatial Commission

Positioned	Within Government's Cabinet Office
Objectives	<b>Increased economic growth</b> and <b>improved social and environmental outcomes</b>
Through	<ul style="list-style-type: none"><li>● setting cross-cutting geospatial strategy, policy and data standards</li><li>● promoting competition and innovation in geospatial data, products and services</li><li>● improving accessibility, interoperability and quality of data</li><li>● improving capability, skills and resources</li><li>● supporting the growth of new and existing geospatial businesses and improve public services</li></ul>
Key partners	<div> <b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL</div> <div> <b>HM Land Registry</b></div> <div></div> <div> <b>Ordnance Survey</b></div> <div> <b>The Coal Authority</b></div> <div> <b>UK Hydrographic Office</b></div> <div> <b>Valuation Office Agency</b></div>



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## Progress and plans





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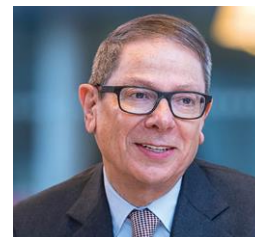
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**Kru Desai**



Commissioner  
**Steve Unger**



Partner Body  
Commissioner  
**Steve Blair**



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**Michael Mire**



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## Example activity - Geospatial data and digital infrastructure



# National Underground Asset Register pilots

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Press release

## Map of underground pipes and cables designed to save lives and prevent major disruption

A digital map of underground pipes and cables is to be created, to help save lives and reduce the disruption caused when they are struck by mistake.

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Published 25 April 2019

From: [Cabinet Office](#), [Geospatial Commission](#), and [Oliver Dowden CBE MP](#)

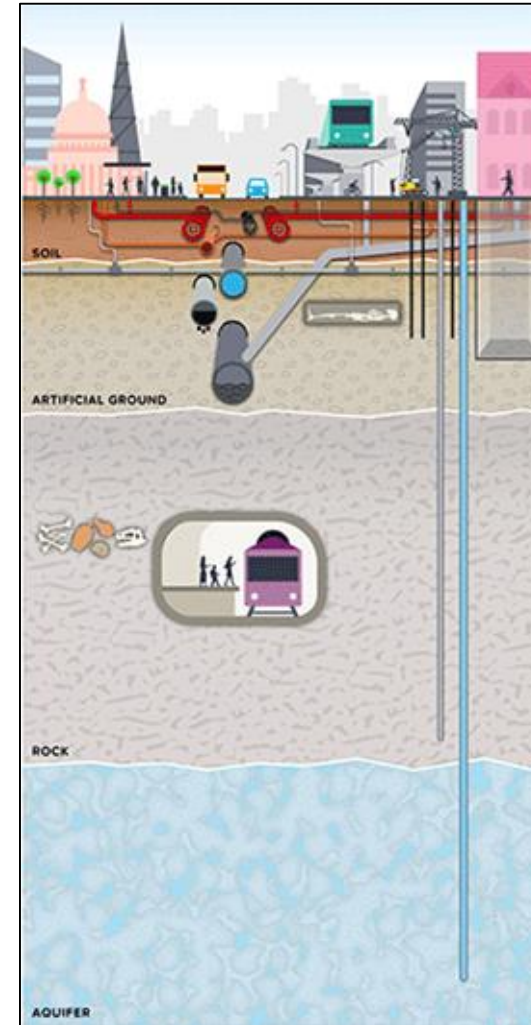
## Announced by Minister for Implementation - April 2019





# National Underground Asset Register (NUAR) Pilots

- £3.9m for two pilot projects in Sunderland (led by OS) and London (led by Greater London Assembly).
- Three potential sources of value:
  - **utility strike avoidance**
  - **project efficiency**
  - **data exchange efficiency**
- Pilots will focus on safe digging & efficiency use cases
- Findings will be used to inform whether and how to proceed with the tender for a regional build and national rollout of a National Underground Asset Register.



Future Cities Catapult



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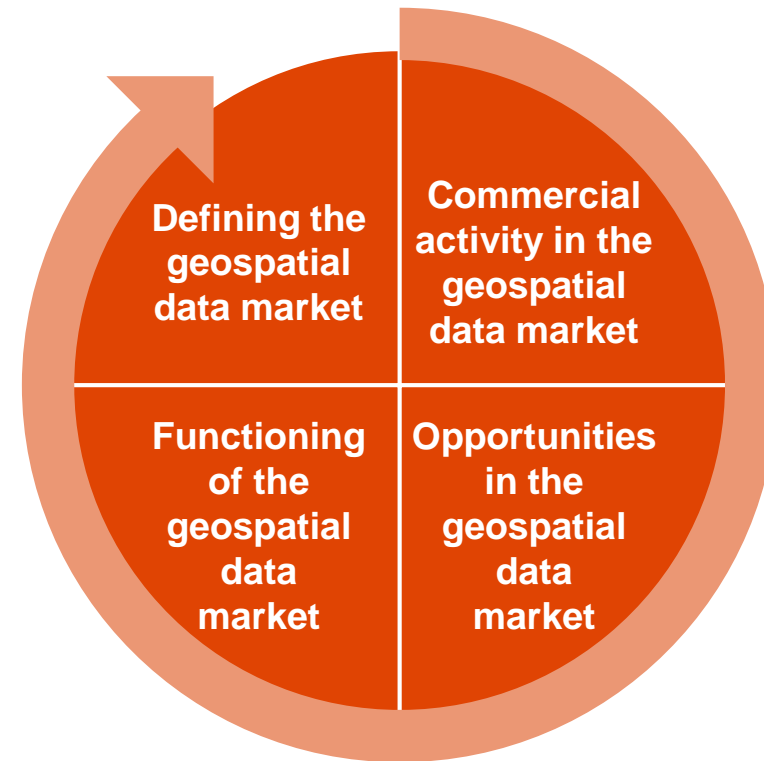
## Example activity - Understanding the future landscape



# Understanding the geospatial data market

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- Research into the **features of the UK geospatial data market**, its **participants**, and the **dynamics of how it operates**
- Our **rapidly changing and expanding market demands reflection on policies** and recommendations that could facilitate better use of geospatial data
- The study will explore **international best-practice policy interventions** related to **improving geospatial data markets**







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## Next steps & building further international collaboration



# Next Steps: The National Strategy

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Likely components:

- Geospatial vision for the UK
- Addressing evidenced challenges and opportunities:
  - Data improvement
  - Technology, innovation and adoption
  - Skills and capability
- To be published in 2020

# ‘No man is an island’

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- **International context and collaboration** for geospatial is critical to our work and the UK
- There is a **changing policy environment** for data which will have potential significant impact for the UK, such as the PSI directive
- We will continue to learn from and contribute to **international best practice** in our strategy and projects.



...so, looking forward to being together again...

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**Sixth High Level Forum on UNGGIM : 20-22 April 2020, Windsor, UK**

**... followed by The Cambridge Conference 2020 : 22-24 April 2020**