London Datastore

Next Steps

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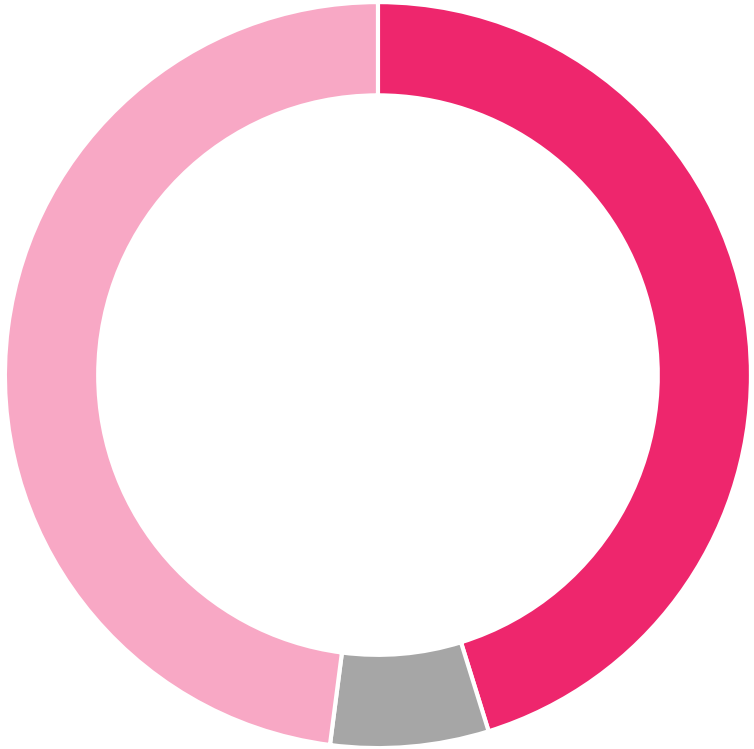
New Needs Emerging

Moving from…	Towards…
Open Data	Open **+ Shared Data**
Statistics	Statistics **+ live feeds + big data**
Survey data	Survey **+ IoT/ Sensor + operational data**

Designed to meet the needs of data analysts/statisticians

Current Service

55% of users aren't in "technical" job roles



48%
Strategic
(e.g. policy officers, planners, directors)

45%
Technical
(e.g. analysts, data scientists, researchers etc)

7%
Other

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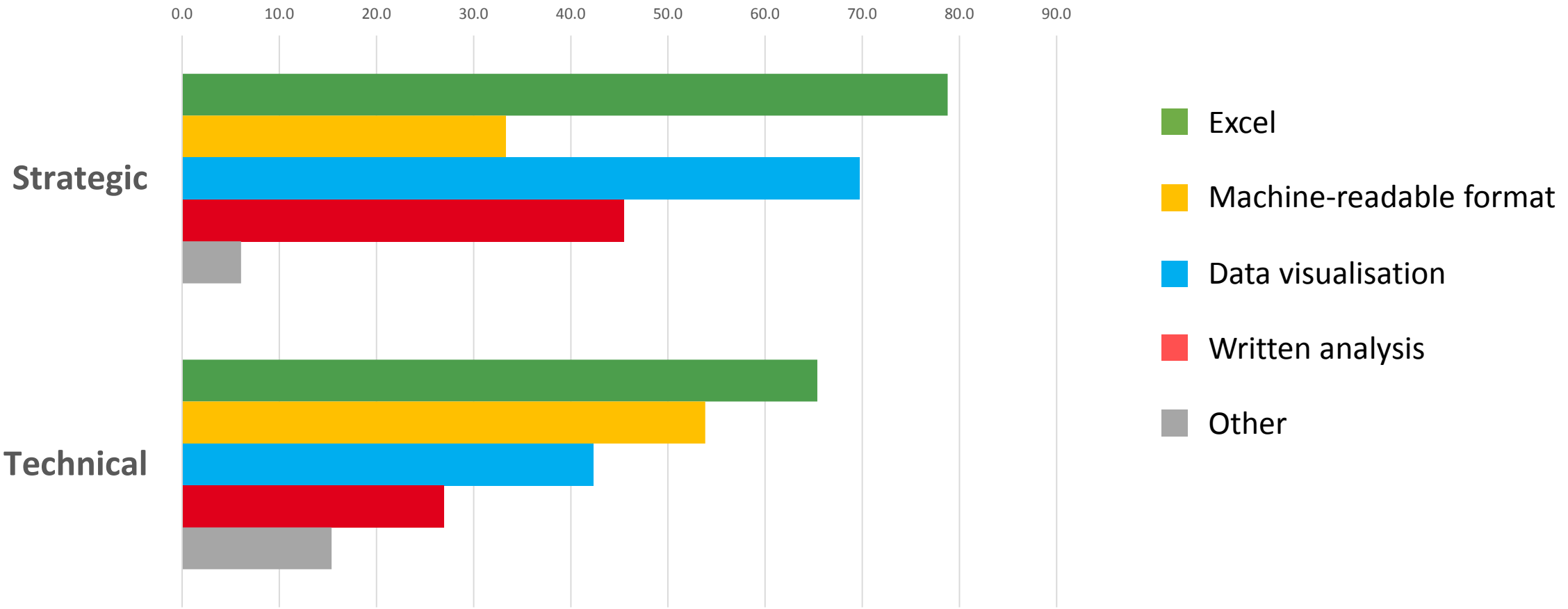
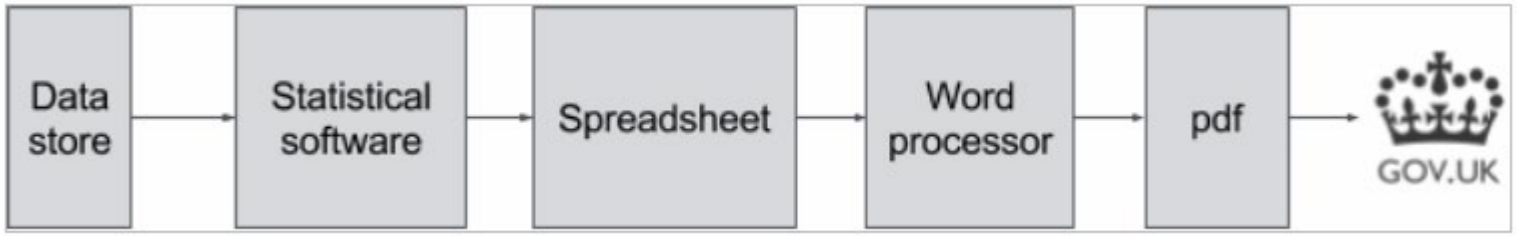
Preferred ways of accessing data



How have technical audience evolved?

Moving from…



Towards…

Source: https://dataingovernment.blog.gov.uk/2017/03/27/reproducible-analytical-pipeline/

Local Government Digital Service Standard Review

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Common approach to deliver good quality, user centred, value for money, digital services.

Local Government Digital Service Standard

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Local Government Digital Service Standard

The Local Government Digital Service Standard suggests a 15 point common approach for local authorities to deliver good quality, user centred, value for money, digital services.

1. Understand user needs

Research to develop deep knowledge of who the service users are and what that means for the design of the service.

Read more about point 1

2. Have a multidisciplinary team

Ensure a suitably skilled, sustainable multidisciplinary team, led by a senior service manager with decision making responsibility, can design, build and improve the service.

Read more about point 2

3. Use agile methods

Create a service using the agile, iterative and user-centred methods set out in the Government Service Design Manual.

Assessment Conclusion

Significant achievement in opening up London's data and increasing transparency.

Difficult to continuously improve the service to meet user needs, due to:

- Limited resource
- Platform limitations

If the service is to fulfil its potential, investment in both is required

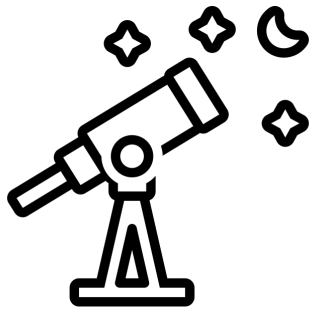
Datastore Team

- **Product Manager**
- **Content Manager** – responsible for over 200 datasets

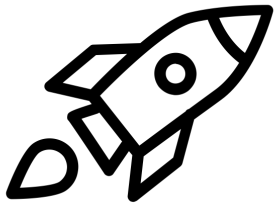
Work closely with…

- **GIS & Infrastructure Manager** – technical development and wider infrastructure
- **Datapress** – SaaS (includes hosting, dev & ad-hoc support)

Discovery – September 2019



Will inform vision for next iteration of Datastore



Will identify resources required to deliver a solution

Discovery prep

Stakeholder mapping

- Internal/External
- Data consumers/Data Publishers/Other stakeholders
- Technical/Strategic users
- Existing/Potential users

Your feedback

- What gaps or needs have you identified that Datastore could fill?
- Any suggestions on who to engage for discovery?

A New Deal for City Data

City Data Analytics Programme

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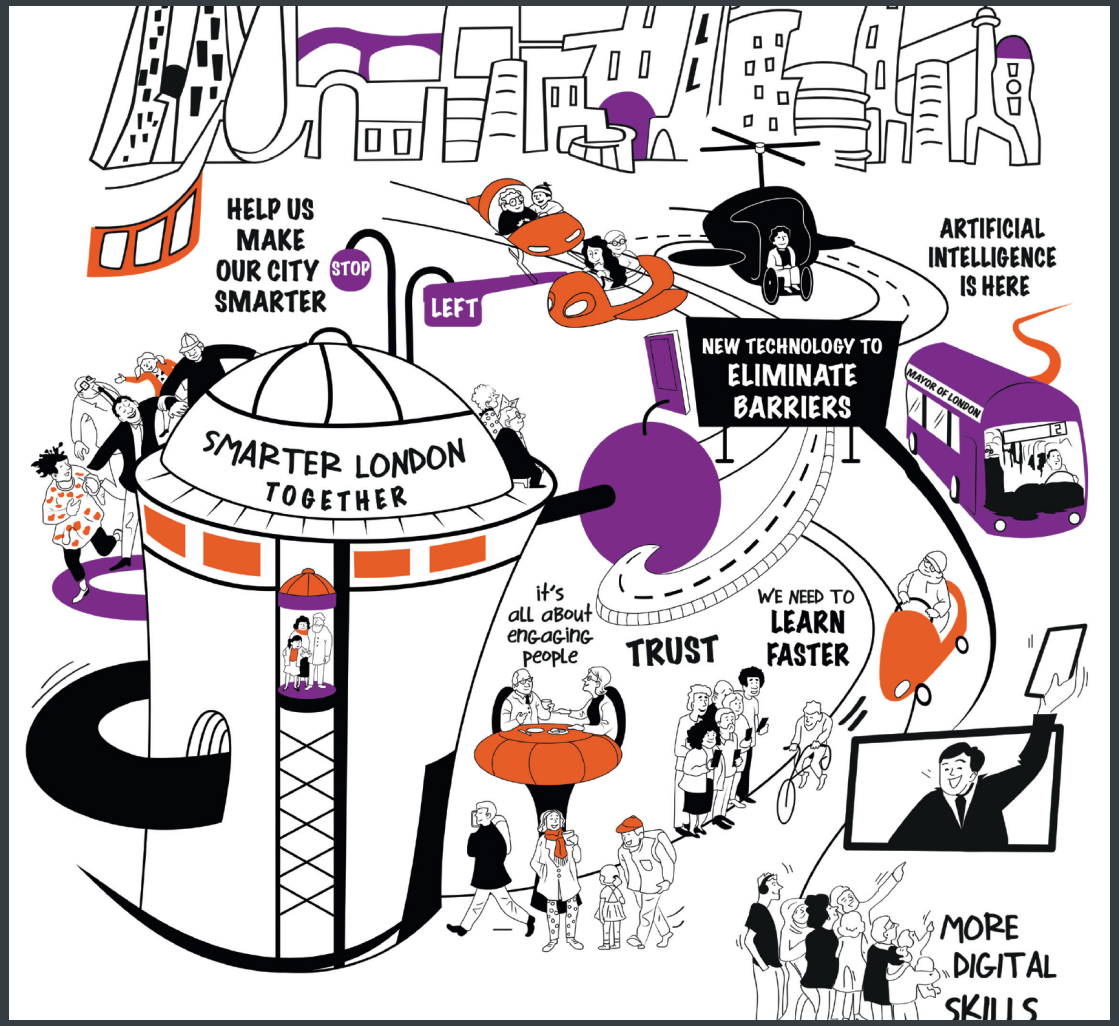
Smarter London Together



Mission 1: More user-designed services

Mission 2: New Deal for City Data

- City Data Analytics Programme

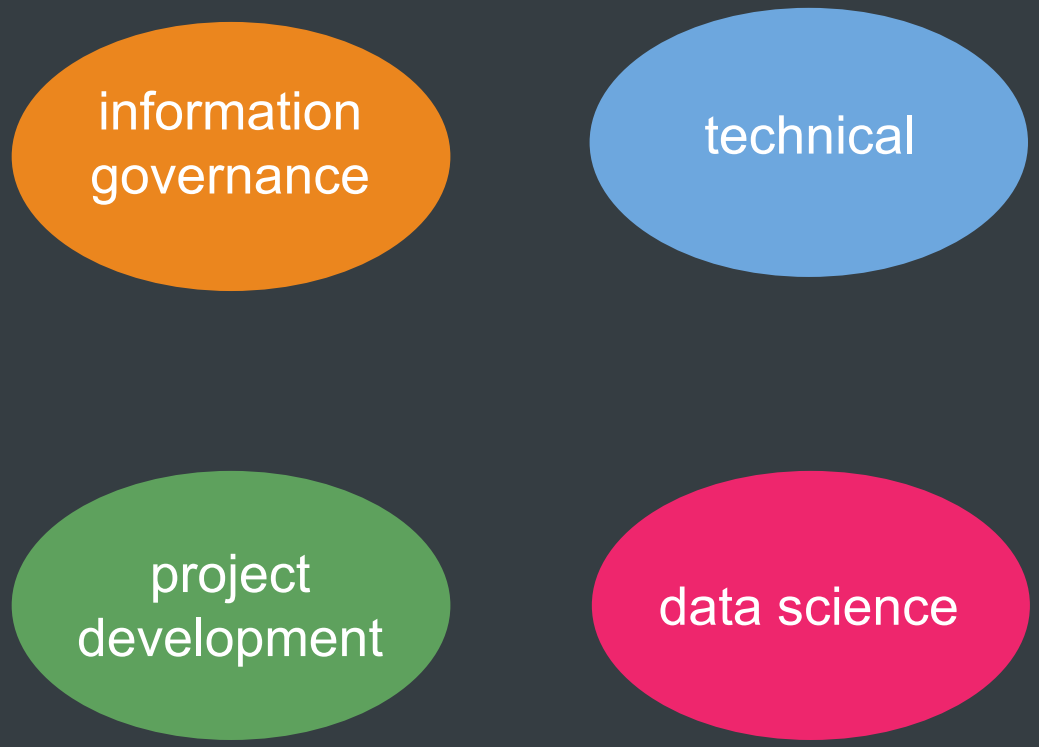
Mission 3: World-class connectivity and smarter streets

Mission 4: Enhance digital leadership and skills

Mission 5: Improve city-wide collaboration

City Data Analytics Pilot

City Data Analytics Programme



a **hub** for the
development, commissioning & implementation
of **data science projects** aimed at
addressing public services & urban challenges
which are better tackled together,
and which may affect more than one agency

1. A catalogue of data sharing agreements
2. Create ‘high-level’ agreements between organisations
3. Electronic signoff
4. ISG is ICO compliant & GDPR compliant
5. Built-in Privacy Impact Assessments

information governance

Next steps:

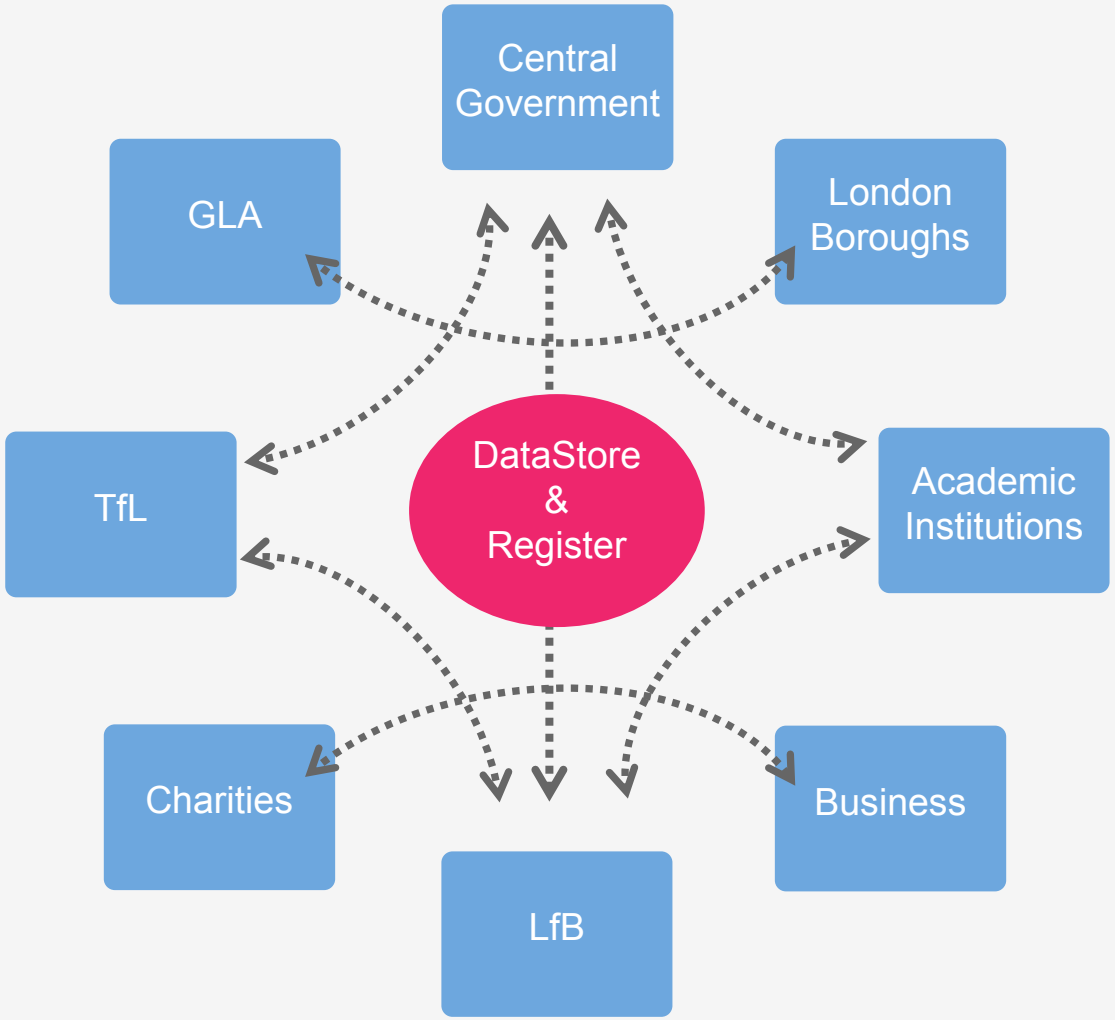
Information Sharing Gateway (ISG)

1. A catalogue of data sharing agreements
2. Create ‘high-level’ agreements between organisations
3. Electronic signoff
4. ISG is ICO compliant & GDPR compliant
5. Built-in Privacy Impact Assessments

information governance

Next steps:

1. Joint post with London Fire Brigade
   - Develop ‘high-level’ agreements – starting with LOTI Boroughs?
   - Load in legacy agreements
2. Participate in PIA enhancements
3. Trial the UKSA data ethics self-assessment form
4. Data Trust?
5. NHS OneLondon?

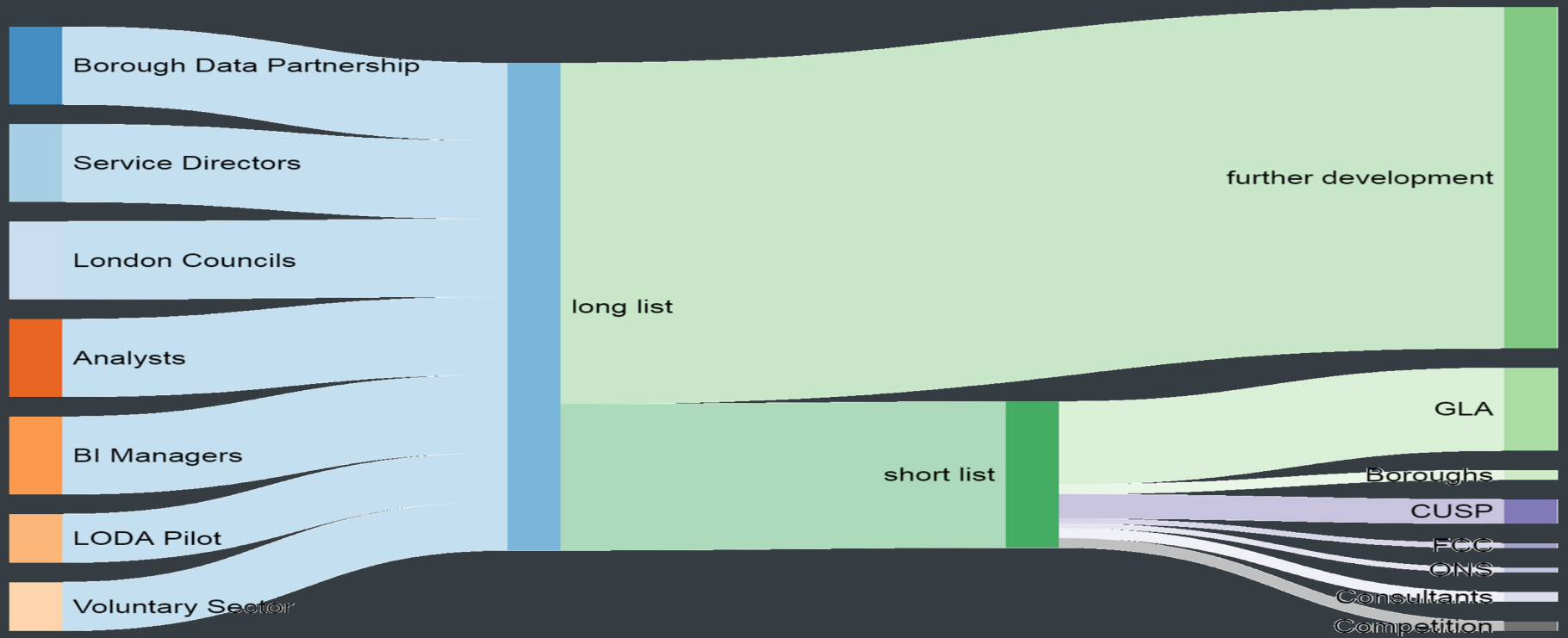


technical

Next steps:

1. DataStore 3.0
   - discovery
2. IoT storage & API
3. Authentication
4. Built-in analytics

Project development



Project ideas

Sifting, prioritising & development

Delivery

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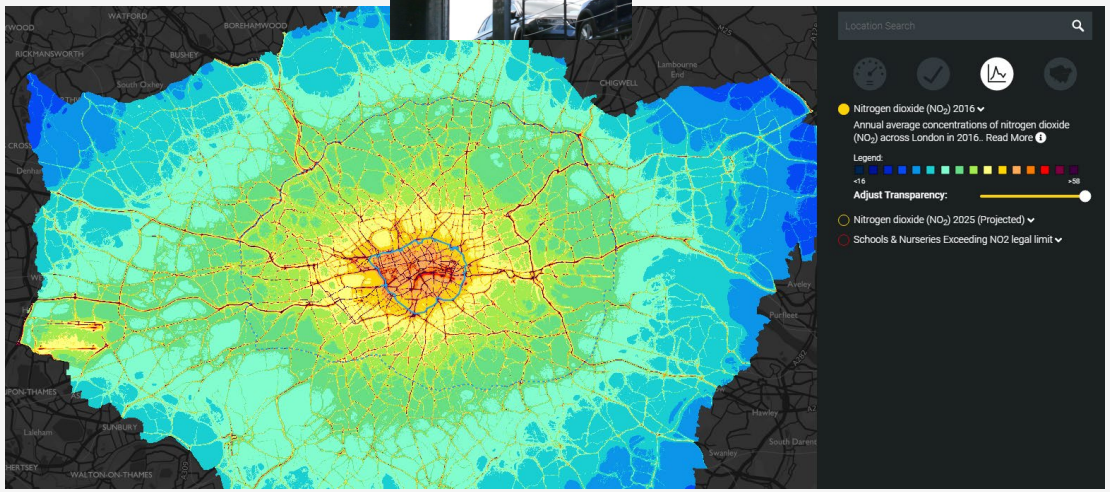

data science

Next steps:

1. Data for service improvement
2. Data for better decision making & policy
3. Urban Experimentation

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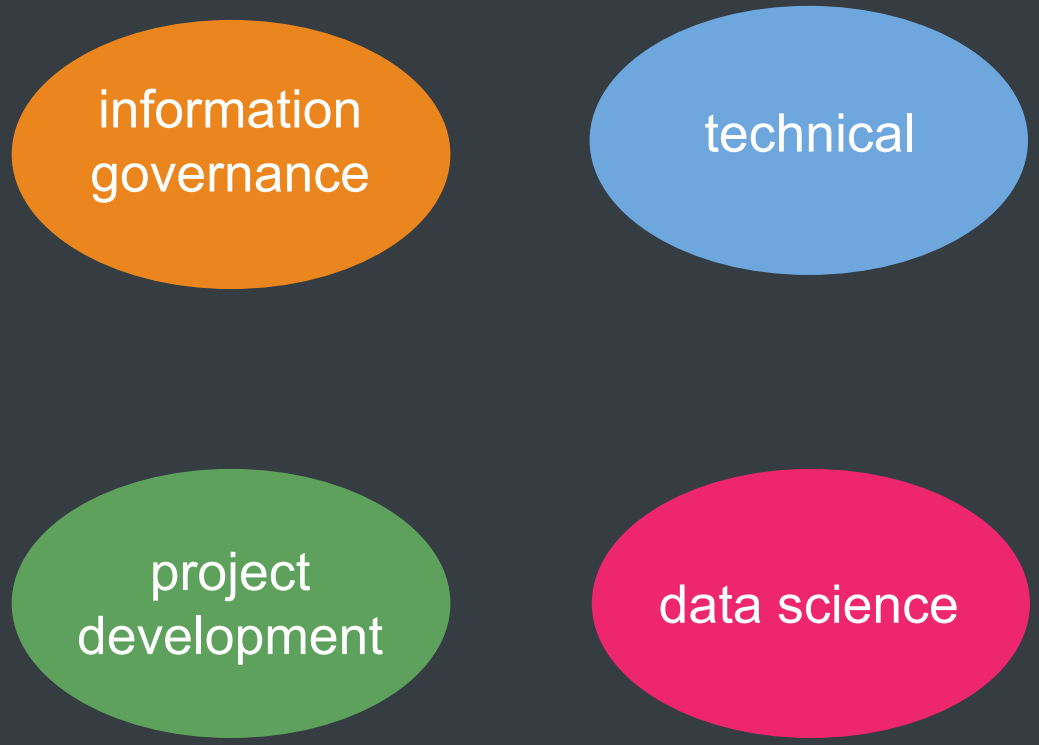
City Data Analytics Programme



Opportunities to collaborate?

Get In Touch

Contact us at: intelligence@london.gov.uk

You can browse a wide range of data relating to the capital at the London Datastore:
https://data.london.gov.uk/

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