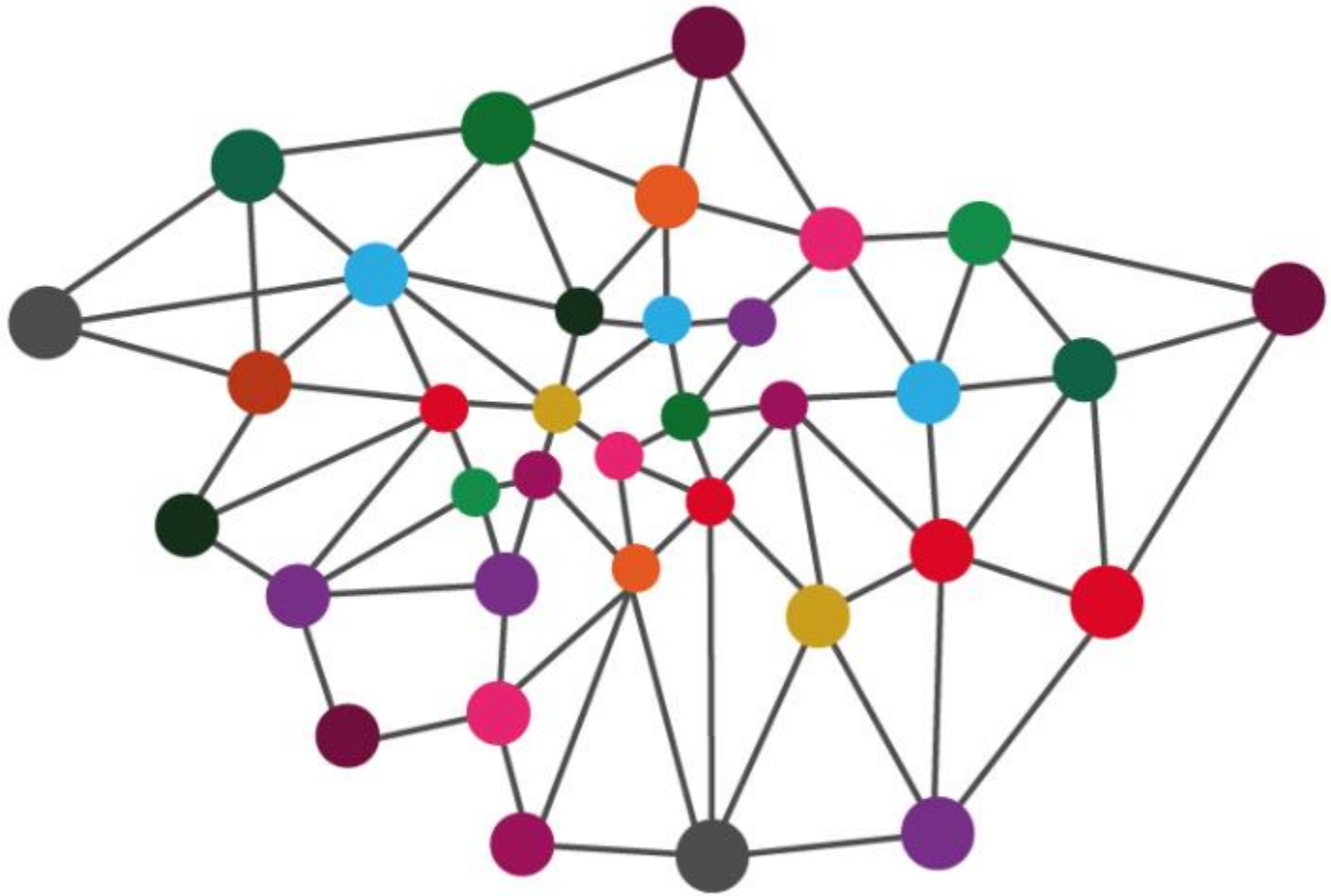
MAYOR OF LONDON

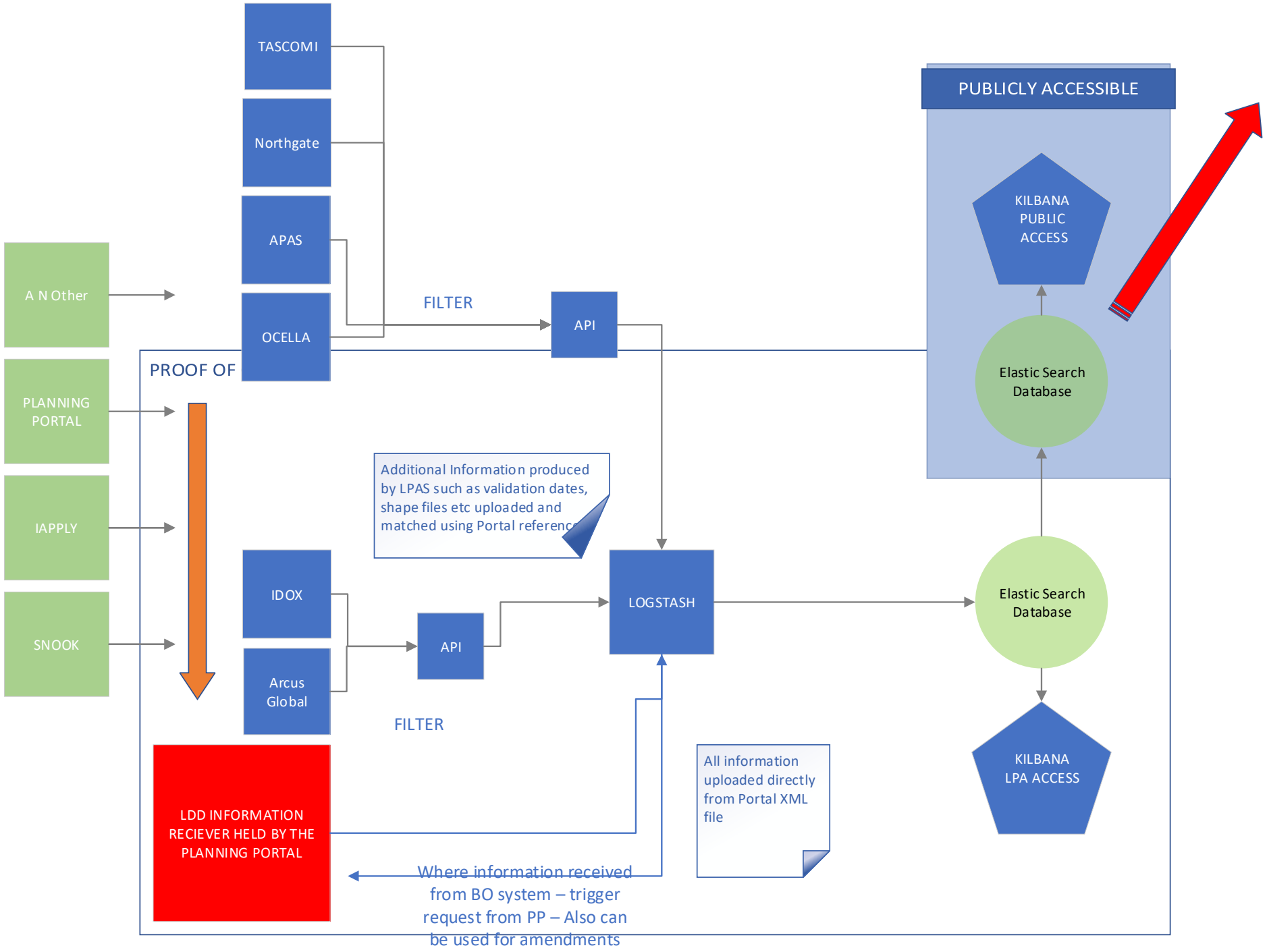


#PlanningDatahub

Project Partners

#PlanningDatahub

How it works


TASCOMI
Northgate
APAS
OCELLA
A N Other
PLANNING PORTAL
IAPPLY
SNOOK
FILTER
API
PROOF OF
PUBLICLY ACCESSIBLE
KILBANA PUBLIC ACCESS
Elastic Search Database
Additional Information produced by LPAS such as validation dates, shape files etc uploaded and matched using Portal reference
IDOX
Arcus Global
API
LOGSTASH
Elastic Search Database
FILTER
KILBANA LPA ACCESS
LDD INFORMATION RECIEVER HELD BY THE PLANNING PORTAL
All information uploaded directly from Portal XML file
Where information received from BO system – trigger request from PP – Also can be used for amendments

What Type of Data are we Collecting?

planning_london_datahub_questions_nov20.pdf

Broadly:

1. Data about the development proposed (including floorspace, bedroom numbers, parking spaces etc)
2. Predicted impacts of the development (infrastructure requirements, when they are planning to start etc)
3. Data about the planning application (Processing, conditions, decisions etc)

Who is using the data?

Thames Water

The System Planning Portal

We have an internal GIS platform that holds a plethora of internal and external spatial data.

- It is currently only for wastewater assets (not yet clean water)
- It is meant to show all GIS data in one place so that you don't have to open 3 or 4 different GIS applications to look at different datasets for the same location
- It has a small userbase of about 70 staff
- It holds some confidential customer sensitive data (like flood records and future flood risk predictions)
- It is almost 1 year old
- It has over 150 data layers in and we keep finding more we think need to be added

How it works:

- We use ArcGIS Enterprise
- The data is held within our Azure Platform (using our Data Lake and Data Factory)
- Some data is automatically updated by existing business processes (many automated)
- Some data we need to sporadically re-run other DST's and update the data accordingly

Corporate data:

- Sewer records
- Network maintenance activities

Bespoke Planning data:

- Future flood risk
- Critical Asset location and risk

Project outputs data:

- Sewer gradient data
- Sewer infiltration risk data

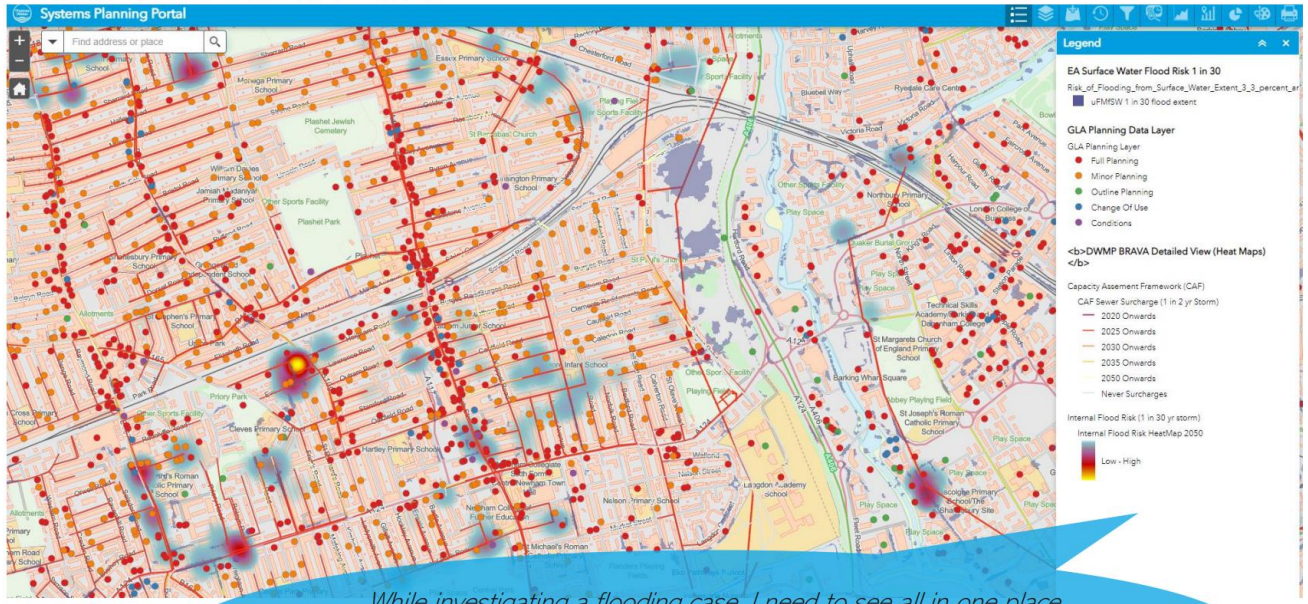
External data:

- Many EA data layers (gov.uk)
- CAMELLIA Water Data Explorer GIS layers

GLA Interaction:

- Thames Connect - IMA
- PLD

PLD and future risk



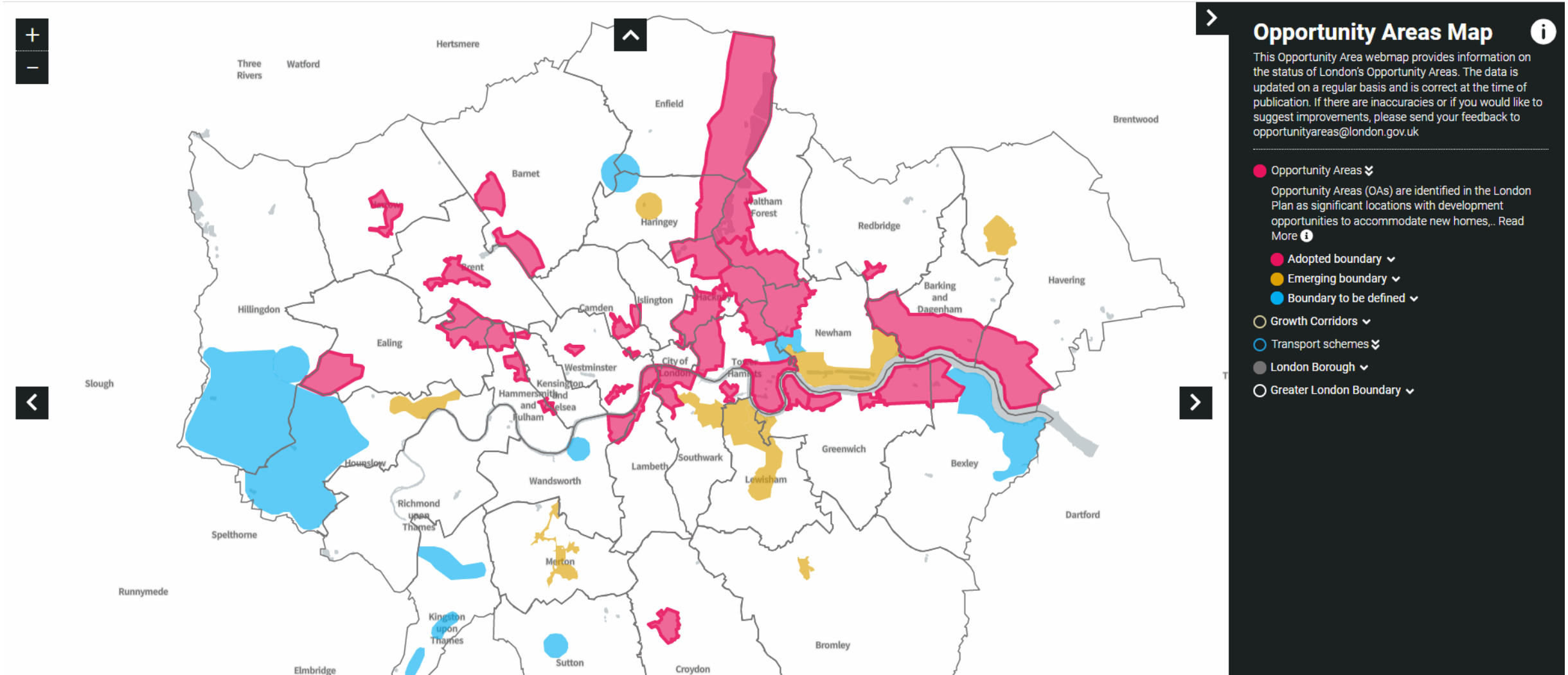
While investigating a flooding case, I need to see all in one place the (i) reported flood history, (ii) future flood risk (iii) EA fluvial and surface water maps & (iv) operational activity in the area

PLD and Operational Performance data

Who is using the data?

Development Plan Monitoring

[London's Opportunity Areas | London City Hall]



MAYOR OF LONDON

SHLAA +

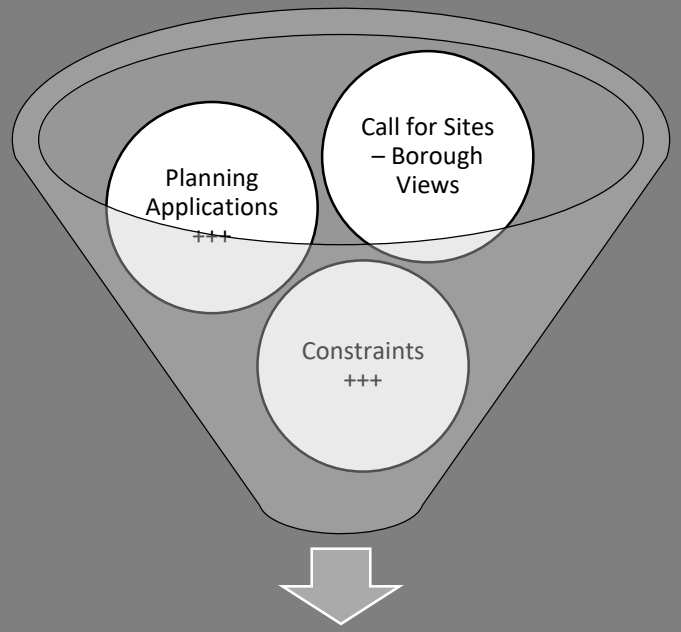
A single digital platform for London that enables Planners to project where future development could take place and understand better where development need could be met, this is both for commercial and residential development.

Key Points:

- Collaborative tool that enables different users to apply different assumptions to sites
- Shared platform for call for sites
- Rolling program, enabling a live understanding of available development land across London
- Shared agreement on data requirements and analytical processes
- Shared position on accessibility, transparency and usability of data / outcomes

Project Launch – December 2022

Target Live Beta Launch – Summer 2023



Analysis Platform

Key Milestones to Watch Out for

1. Procuring a digital partner for the projects
2. Single Call for sites platform for boroughs to host on their own websites
3. Workshops on User Experience
4. Discussion around Transparency of Data
5. Availability of new data sets
6. Exploration of how projects like this are incentivised and funded

Related Projects	
DataMap	Feed of Constraint Data and Spatial Policies
DataHub	Feed of all Planning Applications and Decisions to inform development status as a live dataset
Infrastructure Mapping Application	Feeding data about future development and infrastructure capacity
Community Land Commission	Call for Sites - A platform as a space for Communities to put forward development sites