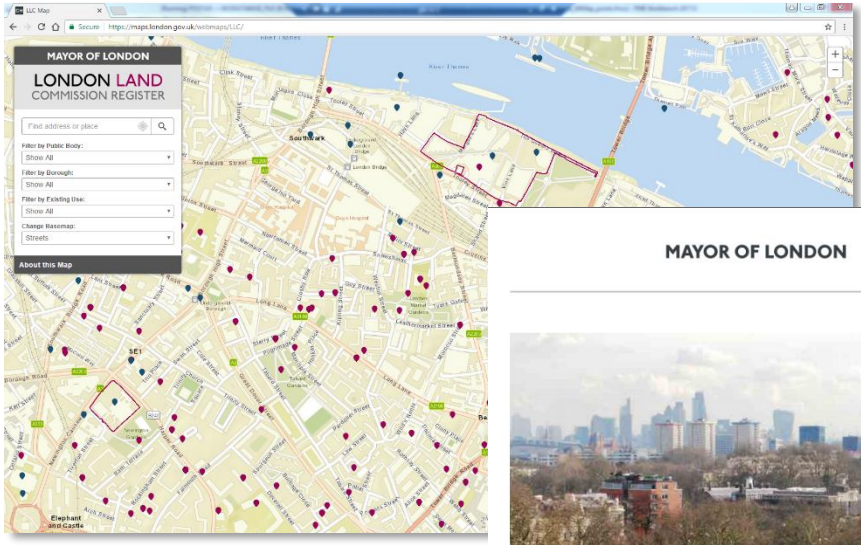
GREATER**LONDON**AUTHORITY

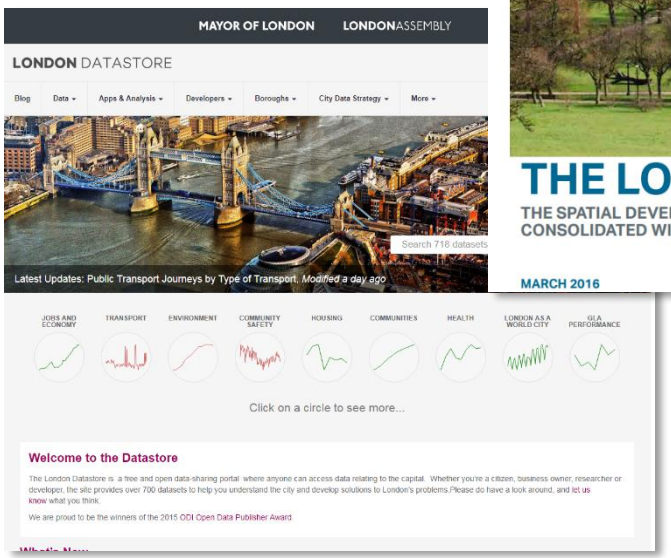
Sean O'Donnell

Address challenges in London that cross administrative boundaries

by using data / analytics and focussing on creating actionable insights

GIS at the GLA





- Arts & Culture
- Housing & Land
- Policing & Crime
- Environment
- Business & Economy
- Planning
- Regeneration
- Transport
- Education & Youth
- Volunteering
- Sports
- Health
- Research & Analysis
- Communities
- Funding

Using UK Map & UK Buildings

1. Previous data and upgrading to Building Level Understanding of London

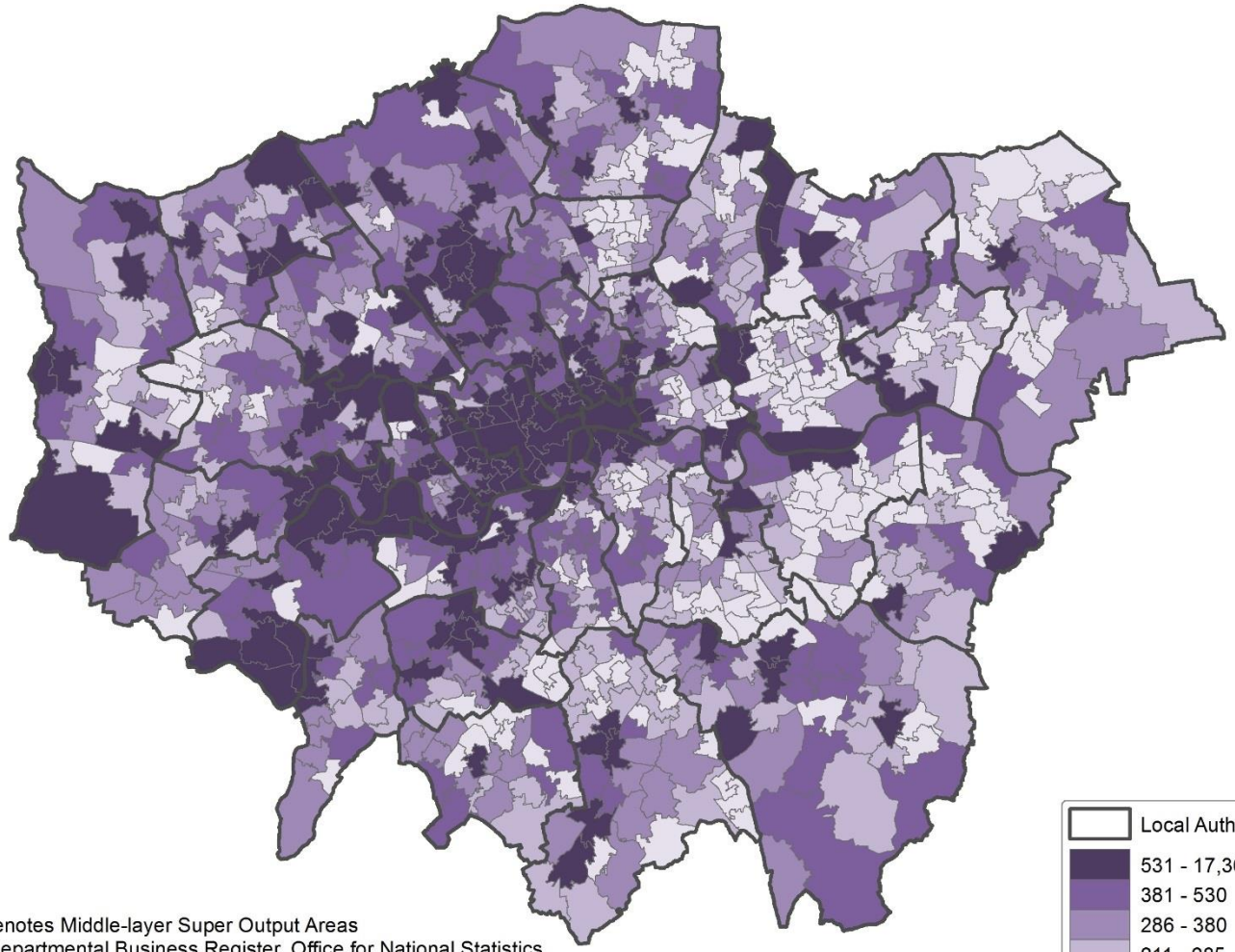
2. Why does the GLA need this?

3. Current Projects with UK Map & UK Buildings at the GLA

1) A Building-level understanding of London

Previously:

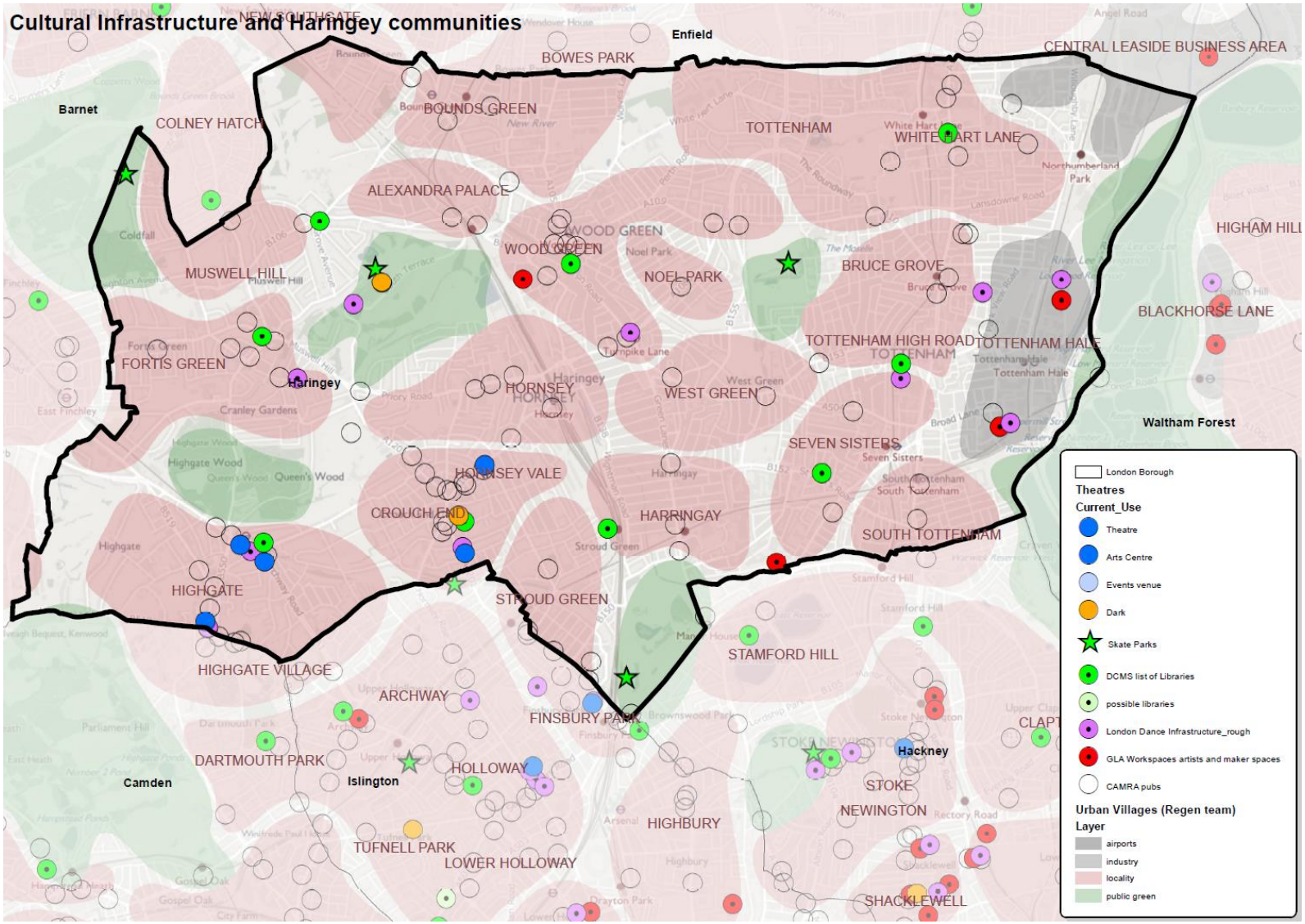
Total number of workplaces in each London MSOAs, 2014



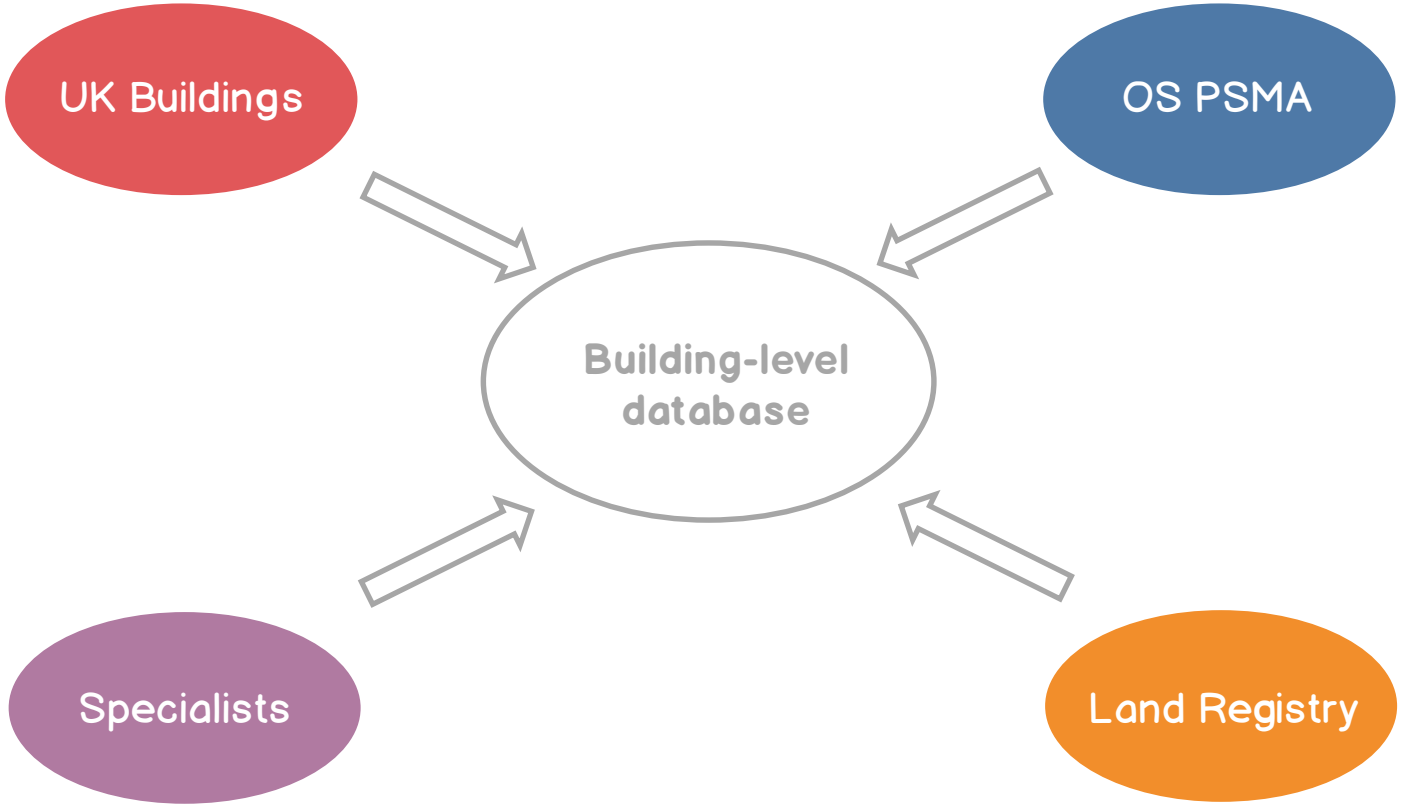
Note: MSOA denotes Middle-layer Super Output Areas
Source: Inter-Departmental Business Register, Office for National Statistics

1) A Building-level understanding of London

Now:



1) A Building-level understanding of London



2) Why?

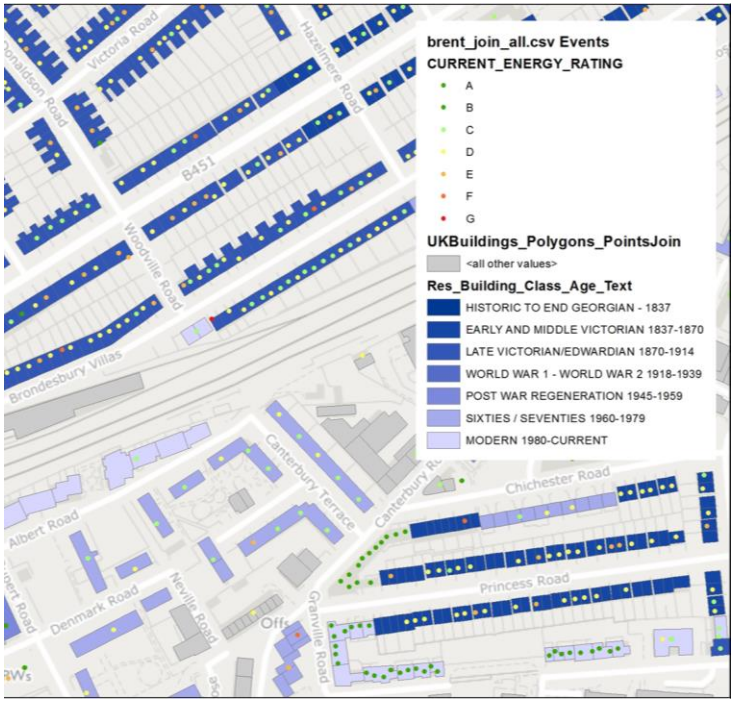
A. Aggregate by chosen geographies / finer level of detail

B. Answer common questions

C. What is uplift from new developments (not just ground-floor use)

D. Support 3D

3) Example projects – age and class

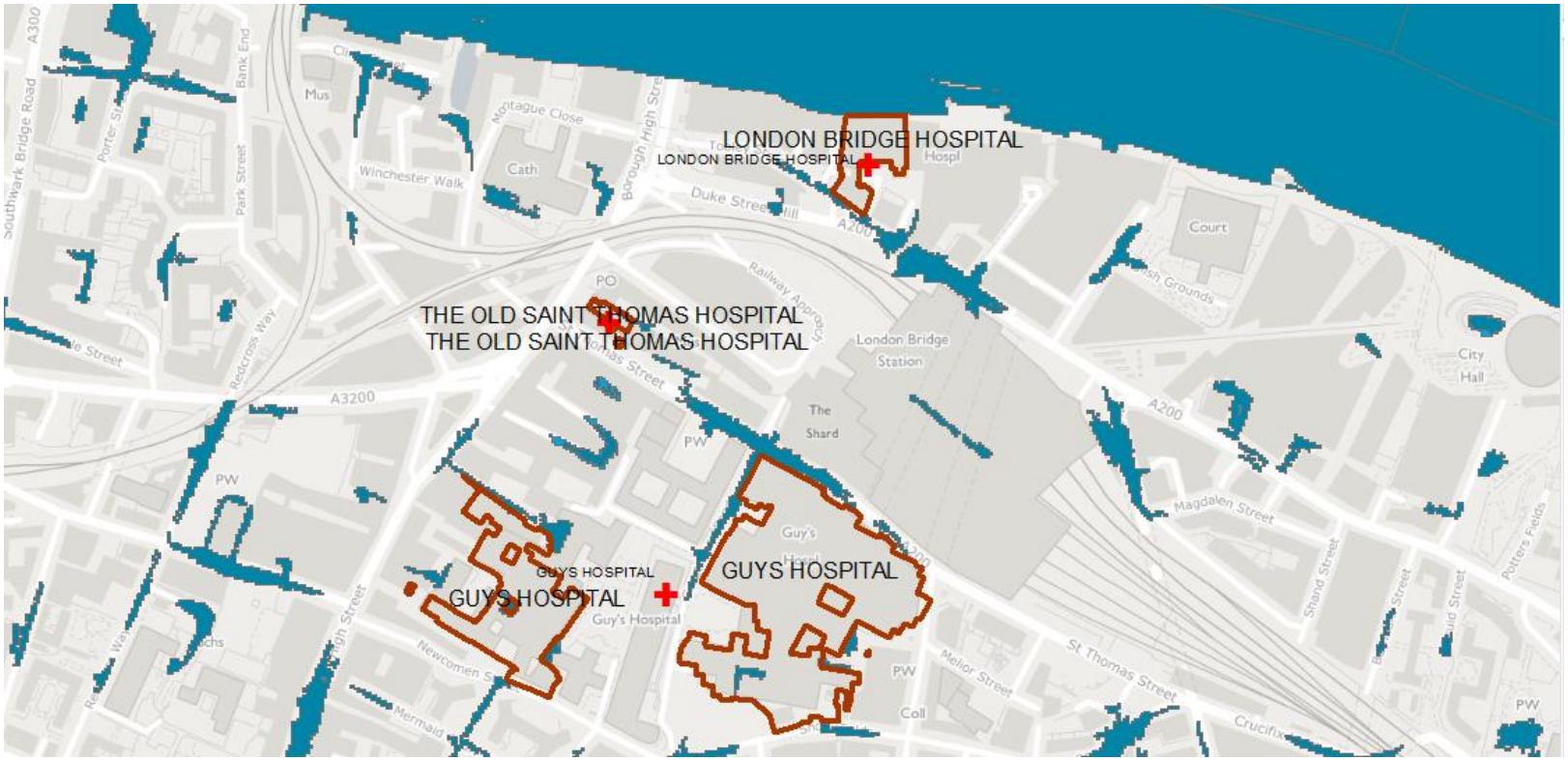


A. Energy Performance Certificates (interpolate)

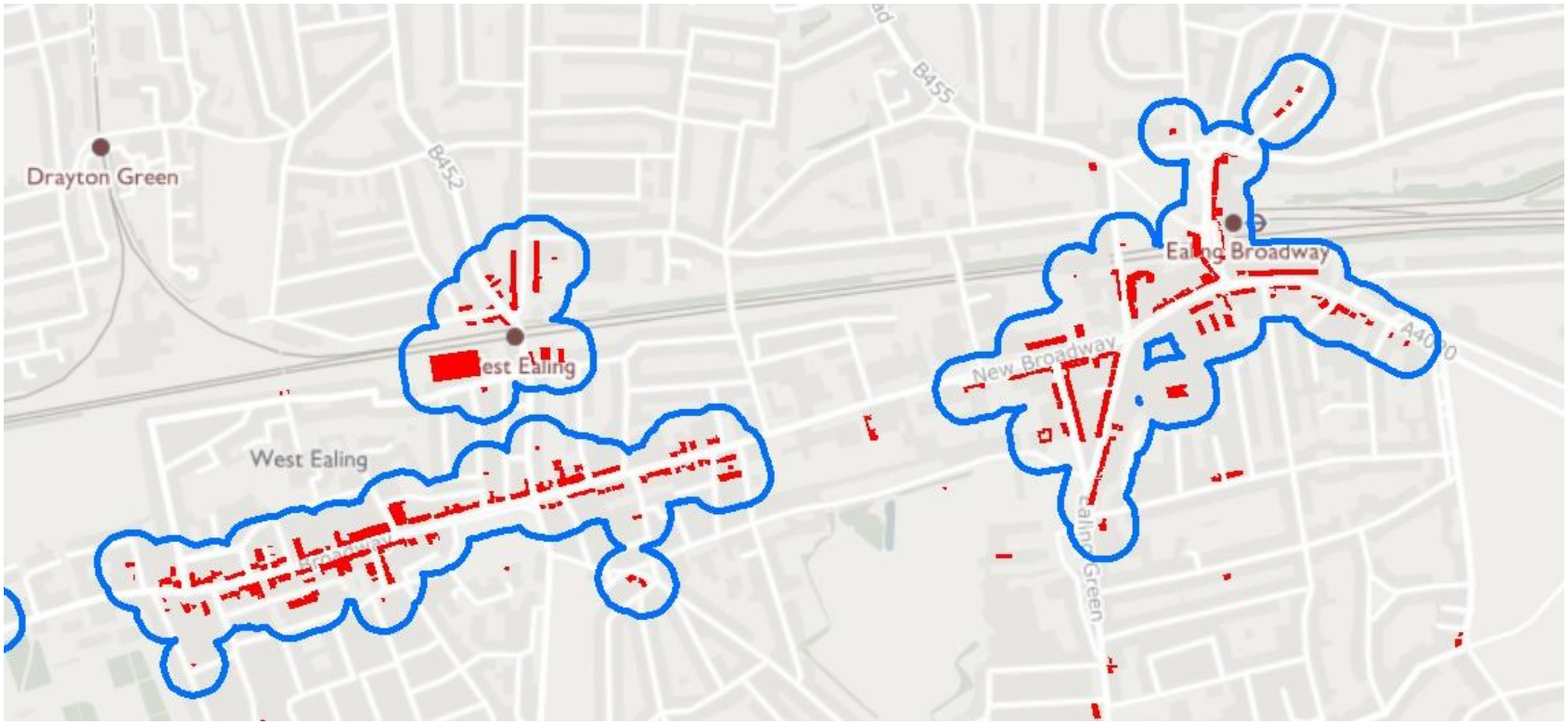
B. Density contours for new development (take into account local character as well as PTAL)

C. HMOs (identify potential list of unlicensed HMOs using a range of Borough and London-wide datasets)

3) Example projects – polygons instead of points



3) Example projects – High Streets



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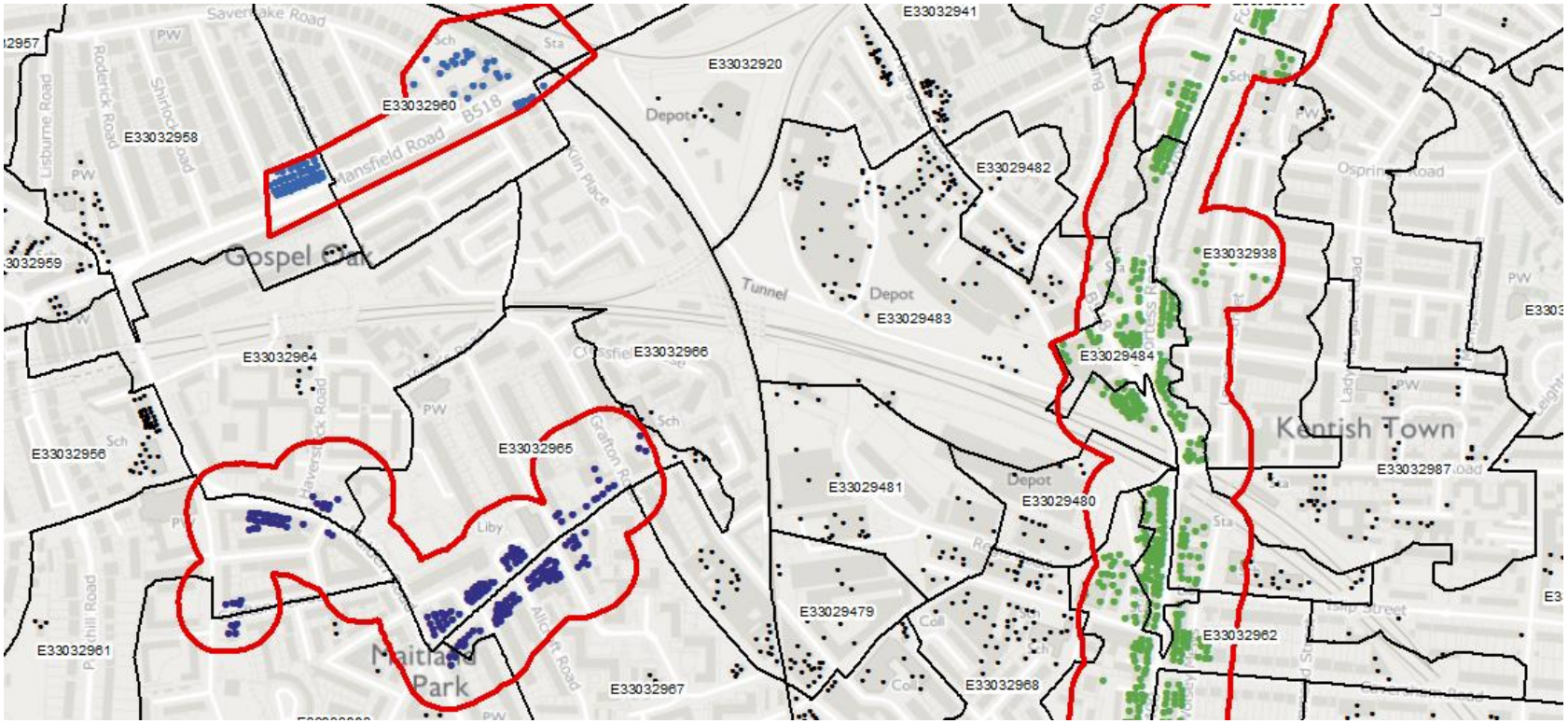

Future