



Address data & UPRNs:
An enabler for local authority
data-driven approaches

Luke Studden

Data Integration & Development Manager

Who are GeoPlace?



Public Sector organisations have full access under the PSGA

- (Public Sector Geospatial Agreement)

The PSGA: A gateway to a wealth of data...Address Data!

- OS DataHub: <https://osdatahub.os.uk/>



Suppliers – access under [OS Contractor / EU Licence](#) (core business)

Local authorities - How to find out more:

- Designated role: “Authority Address Custodian”
- Speak to GeoPlace or use LGA’s - “FindMyCustodian” service
- <https://www.local.gov.uk/uprn-find-my-local-address-and-street-custodian>

Find my custodian

To find your custodian, please enter your email address and submit the form.

My email address

[Send me my custodian](#)



Address Data - Rich Attribution



X Coord & Y Coord
(524027, 185669)

Lifecycle
Provisional / In use / Alternative / Historical

Classification (563)
Residential, Dwelling, Flat

Last Update Date
2020/03/12

Official Address
"16 Hill Road, Rayners Lane Harrow HA1 4HN"

USRN
37010558



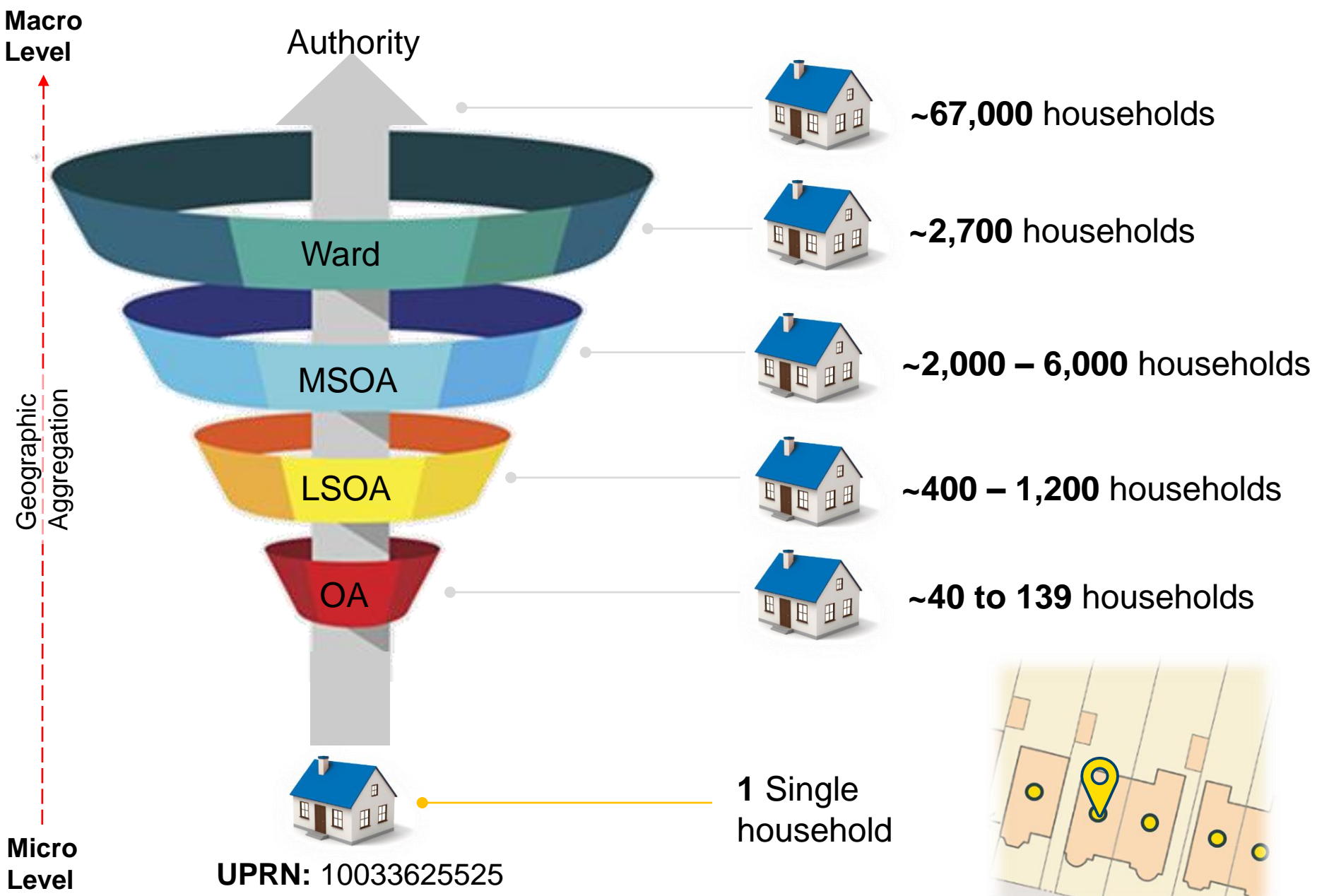
Organisation Name
"W H Smiths"


UPRN
1000635112745

Internal Cross References
Ctax / Ereg / CRM

Alternative Name
"26 Forest Lodge"

Geographic granularity like no other



The background of the slide is a dark blue field with a network of glowing blue nodes and connecting lines, creating a sense of digital connectivity. The nodes are of varying sizes and brightness, and the lines are thin and light blue.

The UPRN is the most effective tool for data-linking across the public sector

- Local Authorities have been linking for close to 2 decades
- Open Standards Board, via GDS – Mandated use of UPRN and USRN within Central Government

Linking with the UPRN creates intelligence

Council Tax

UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	Ctax Band C
Service Info	CTAX Reduction

Clinically Extremely Vulnerable List

UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	COPD – Heather Jones

Benefits

UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	Universal Credit
Service Info	Income / housing

Housing

UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	Housing Tenant
Service Info	Ramps / hand-holds

Refuse Collection

UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	Assisted collection
Service Info	Garden Bin

Registrars

UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	Registration of death
Service Info	Mr B Jones

Electoral Registration

UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	Mr B Jones
Service Info	Mrs H Jones

Customer Relationship Management

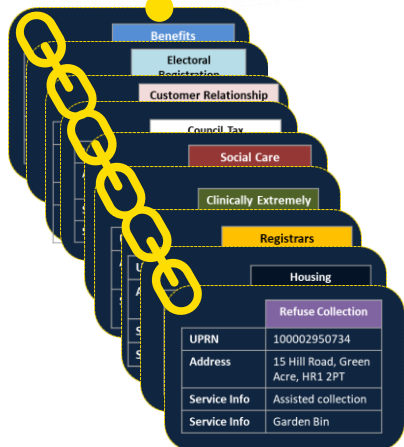
UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	1 currently open ticket
Service Info	Reported ASB / loud music after 11pm

Social Care

UPRN	100002950734
Address	15 Hill Road, Green Acre, HR1 2PT
Service Info	Mobility Impaired
Service Info	Carer Visits

15 Hill Road,
Green Acre
HR1 2PT

UPRN: 10033625525



Linked data

Centralised service information

Mr B Jones & Mrs H Jones
Mobility Impaired & Carers required
COPD – Mrs H Jones
Housing tenant – Ramps / hand holds
CTAX Reduction, Ctax Band C
Universal Credit (Income / Housing)
Assisted bin collection
Reported ASB in vicinity
Registration of Death (Mr B Jones)

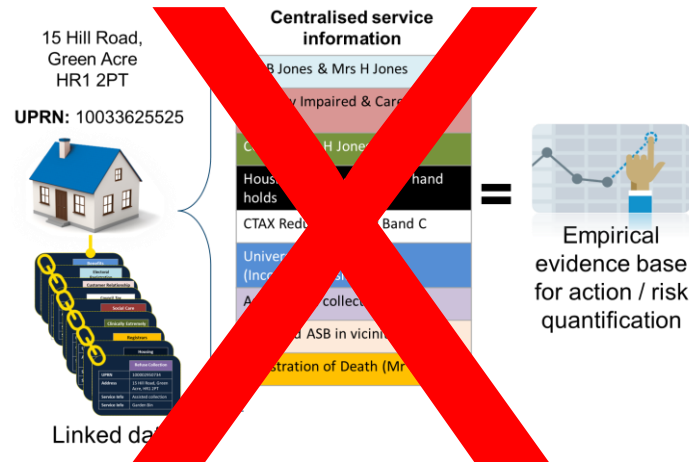
=



Empirical evidence base for action / risk quantification

But there are challenges....

1/3 of authorities unable to build a comprehensive household “picture” – **WHY?**



55% of local authority systems in use are **unable** to consume or **partly*** consume the UPRN

Top local authority systems that lack UPRN integration:

- Social care (*51% of authorities unable to integrate with the UPRN*)
- Council Tax (*41% of authorities unable to integrate with the UPRN*)
- Housing (*40% of authorities unable to integrate with the UPRN*)
- Env Health (*18% of authorities unable to integrate with the UPRN*)

Software suppliers are the gatekeepers for LA UPRN integration

Software systems require the ability to “Integrate” with the UPRN:

- Ingest address data / consume an address API (OS Places)
- Apply change-only updates correctly
- Display the UPRN in the UI, backend, and exports
- Display the “official address”

GeoPlace are here to help suppliers & local authorities with UPRN integration

Get in touch: luke.studden@geoplace.co.uk
Data Integration & Development Manager

Thank You