



# **Address data & UPRNs**

An enabler for data-linking  
and data connectivity

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## Key reasons why you need to use address data & its UPRN.....

- ① You already have it!
- ② Rich Attribution & Granularity
- ③ The UPRN is the most effective tool for linking data across the public sector

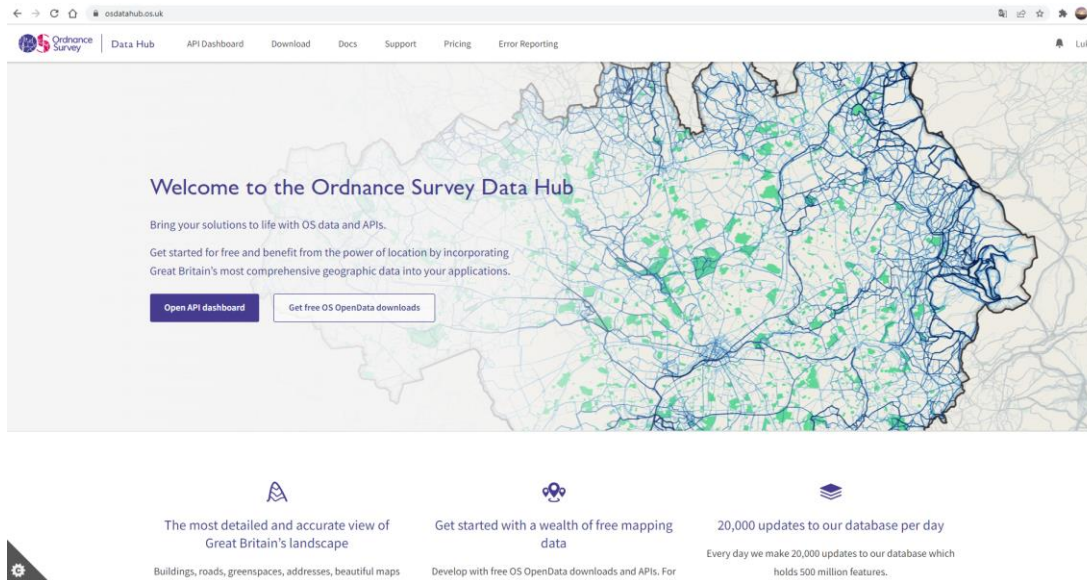
# 1 You already have it

Public Sector organisations have full access under the PSGA

- (Public Sector Geospatial Agreement)

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

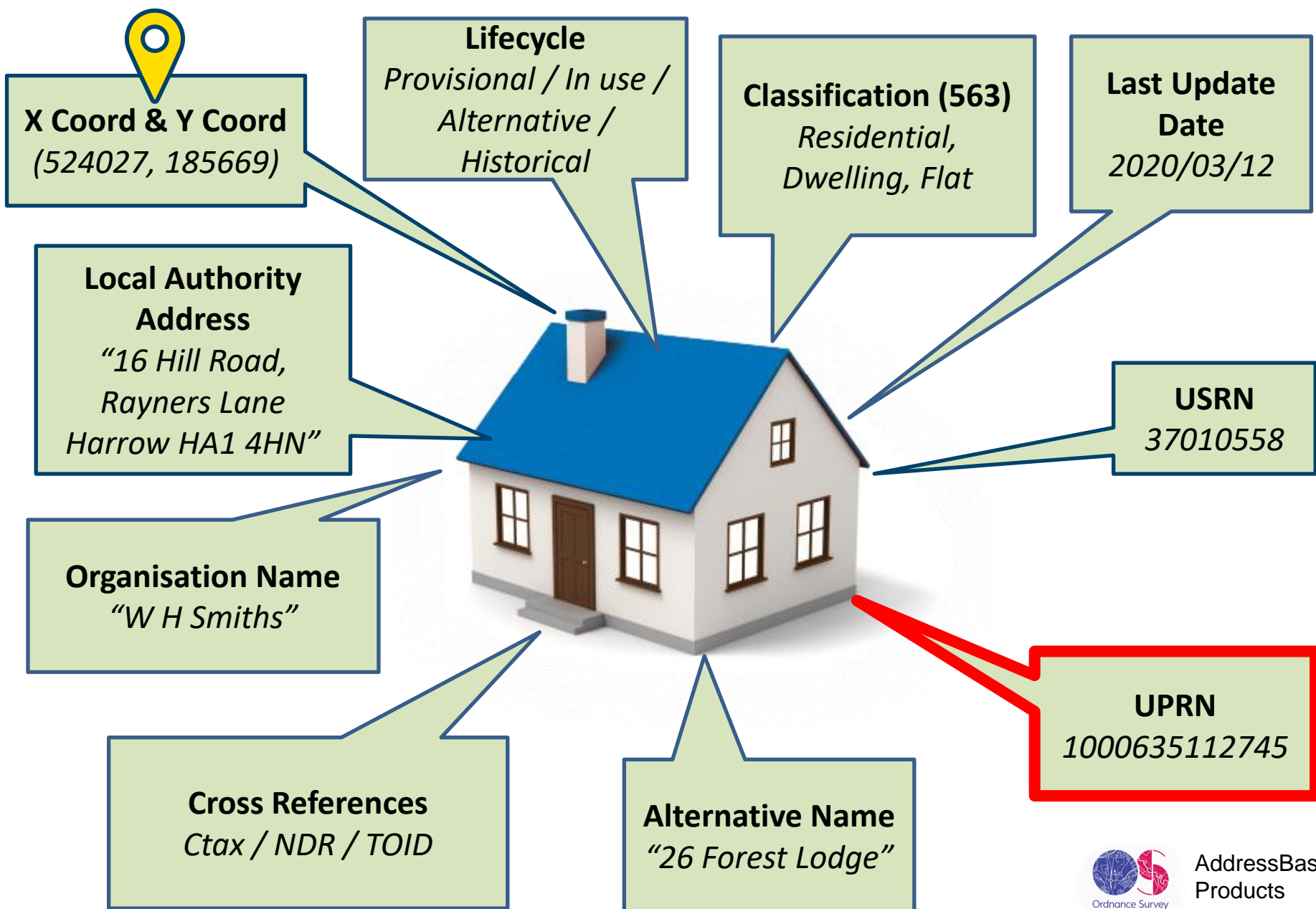
- OS DataHub: <https://osdatahub.os.uk/>



## Address data products

- OS Places API
- AddressBase Premium
- AddressBase Plus
- AddressBase Core
- Address Base

# 2 Rich Attribution



**UPRN** e.g. 10033625525

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Unique identifier

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Machine readable

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Representing the building or property

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Persistent throughout the whole lifecycle

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Well managed

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Openly available

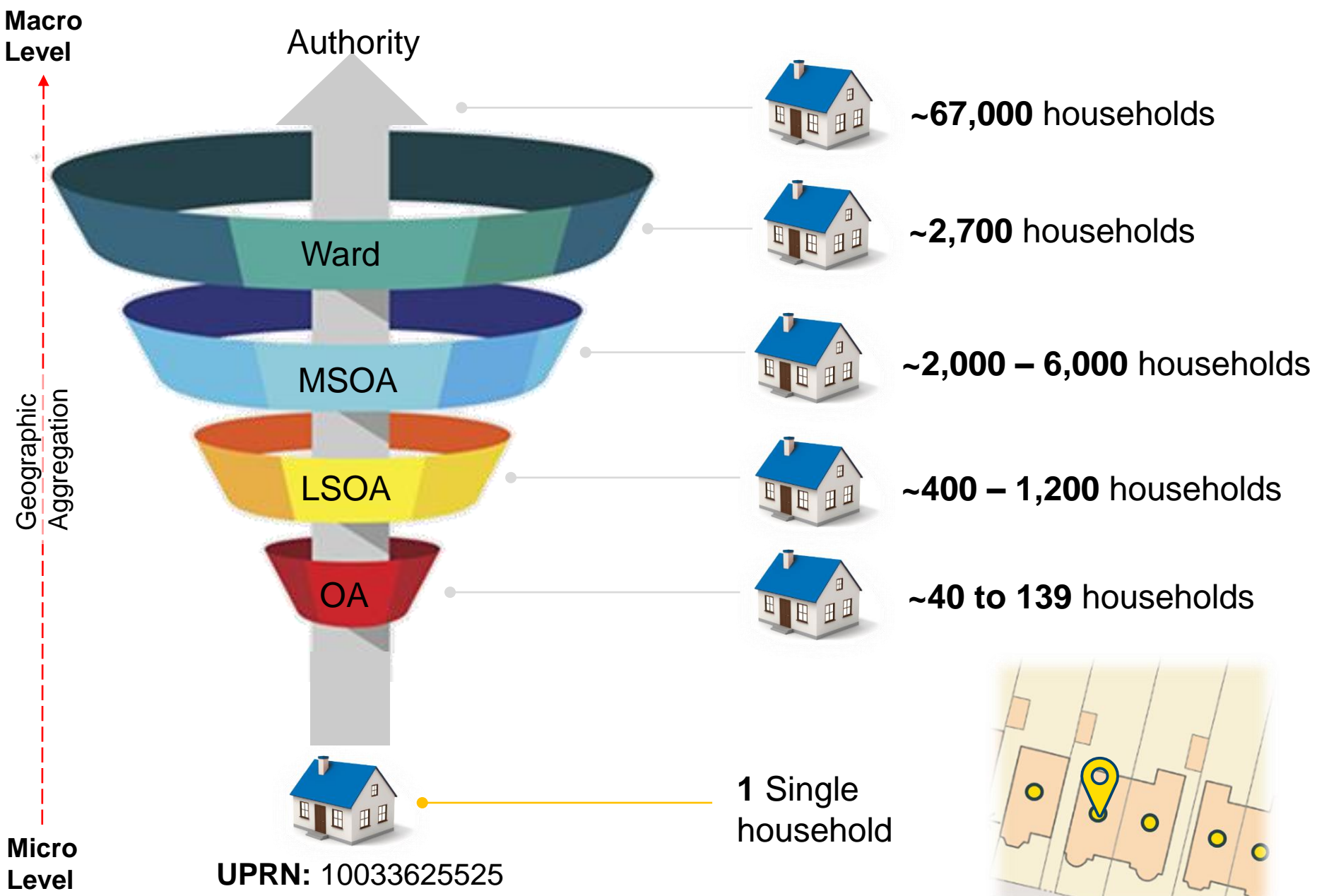
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Mandated by government



*An addressable location may be any kind of building*

# 2 Geographic granularity like no other



## **Benefits of focusing on the property (UPRN) level:**

1. Facilitates upward data aggregation into any geography
2. Facilitates the creation of a household intelligence picture

# Linking with the UPRN creates intelligence

Council Tax	
UPRN	100002950734
Address	15 Church Way, Green Acre, HR1 2PT
Service Info	Ctax Band C
Service Info	CTAX Reduction

Clinically Extremely Vulnerable List	
UPRN	100002950734
Address	15 Church Way, Green Acre, HR1 2PT
Service Info	COPD – Heather Jones

Benefits	
UPRN	100002950734
Address	15 Church Way, Green Acre, HR1 2PT
Service Info	Universal Credit
Service Info	Income / housing

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

Refuse Collection	
UPRN	100002950734
Address	15 Church Way, Green Acre, HR1 2PT
Service Info	Assisted collection
Service Info	Garden Bin

Registrars	
UPRN	100002950734
Address	15 Church Way, Green Acre, HR1 2PT
Service Info	Registration of death
Service Info	Mr B Jones

Electoral Registration	
UPRN	100002950734
Address	15 Church Way, Green Acre, HR1 2PT
Service Info	Mr B Jones
Service Info	Mrs H Jones

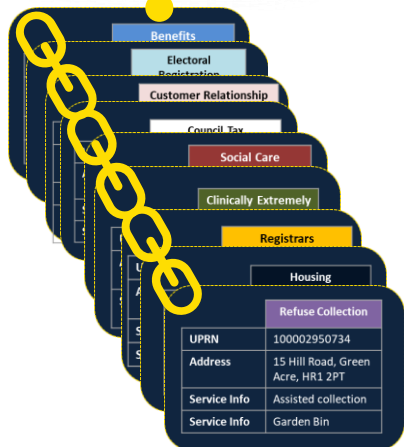
Customer Relationship Management	
UPRN	100002950734
Address	15 Church Way, Green Acre, HR1 2PT
Service Info	1 currently open ticket
Service Info	Reported ASB / loud music after 11pm

Social Care	
UPRN	100002950734
Address	15 Church Way, Green Acre, HR1 2PT
Service Info	Mobility Impaired
Service Info	Carer Visits



15 Church Way,  
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)

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Empirical evidence base

- Risk
- Fraud
- Intelligence

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

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



Cabinet Office

## National Fraud Initiative

### National Fraud Initiative: public-sector data specifications

From: [Cabinet Office](#)

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1,300 organisations  
(LA's, Police, Hospitals)

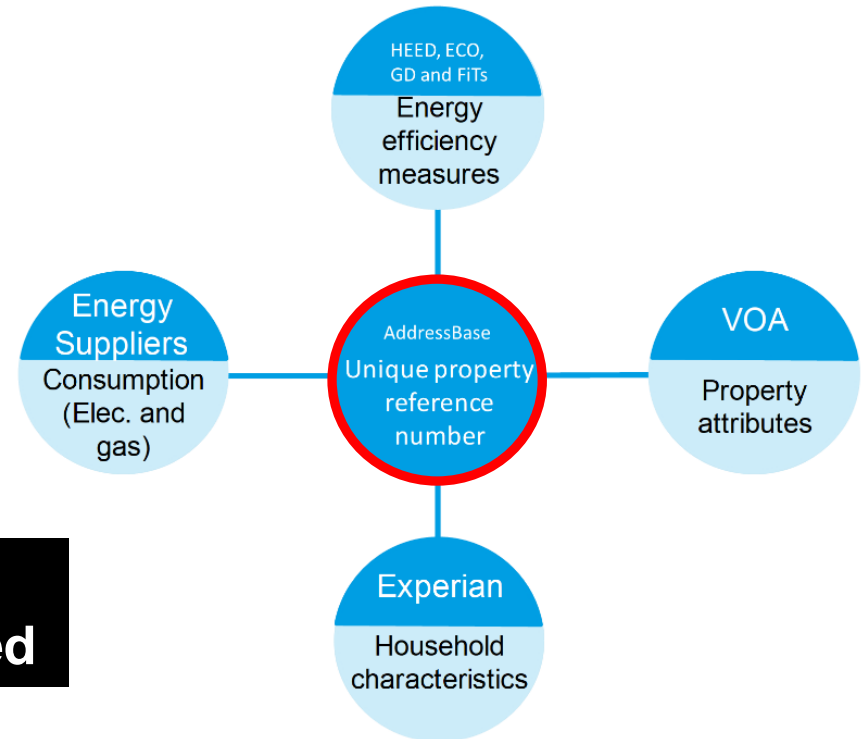
100 Private sector  
companies

**UPRN  
mandated**

## National Energy Efficiency Data Framework (NEED)



Department for  
Business, Energy  
& Industrial Strategy



- 1** You already have access to it! Use it
- 2** Rich attribution & granularity
- 3** Data linking with UPRN = Enhanced intelligence

## **Government Mandate:**

<https://www.gov.uk/government/publications/open-standards-for-government/identifying-property-and-street-information>

- Integrate & link your department with the UPRN – build the property level intelligence picture
- The more data and systems linked, the deeper the insights

**GeoPlace are here to help**