

Integrated, standardised, linked data

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What we do - The engine room of UPRNs, USRNs and authoritative reference data

GeoPlace is recognised world-wide as an established expert in managing address data and its associated infrastructure.

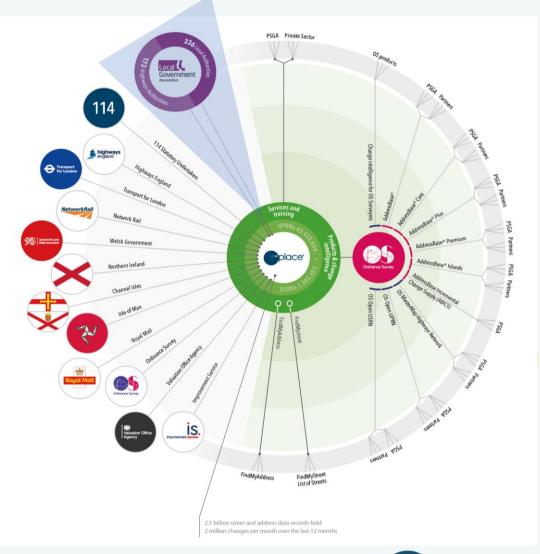
We collate, manage and maintain the primary UK authoritative geospatial address and street data.

Unique Property Reference Number (UPRN) is the unique identifier for every addressable location in the UK

Unique Street Reference Number (USRN) is he unique identifier for every street in the UK.

UPRNs and USRNs and associated geometry are open data

With associated street and address data they are mandated for use across UK government.





GeoPlace vision

A world in which everyone benefits from the power of location data

GeoPlace mission

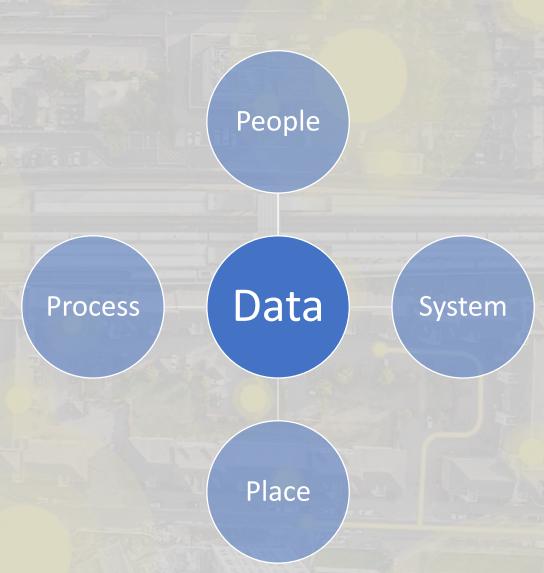
To excel in delivering street and addressing data that inspires innovation and transforms people's lives.





Data connects society and economy - national infrastructure

- Good government and business demand data management excellence
- Look no further than recent national pandemic and global humanitarian crises - rapid response require data readiness
- Evidence is of individual departmental policy agendas leading to siloed approaches to data management
- Connectivity and re-use even within departments is limited
- Process and data need to be the drivers not systems and technology
- Data quality is paramount to connectivity, automation and right first time



Many examples of positive progress in putting data at the heart of processes but in our experience largely in isolation















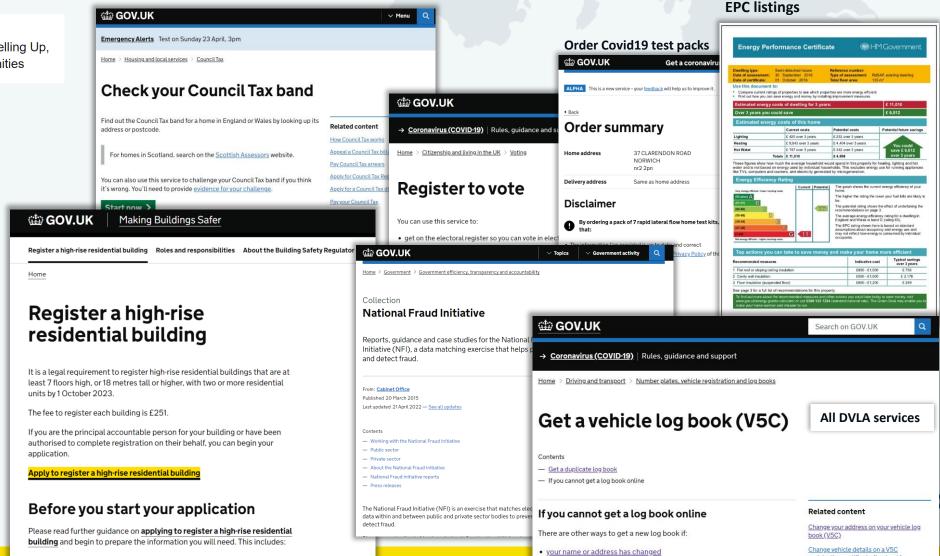




Cabinet Office



the number of floors at or above ground level



you've cold transferred or bought a yet

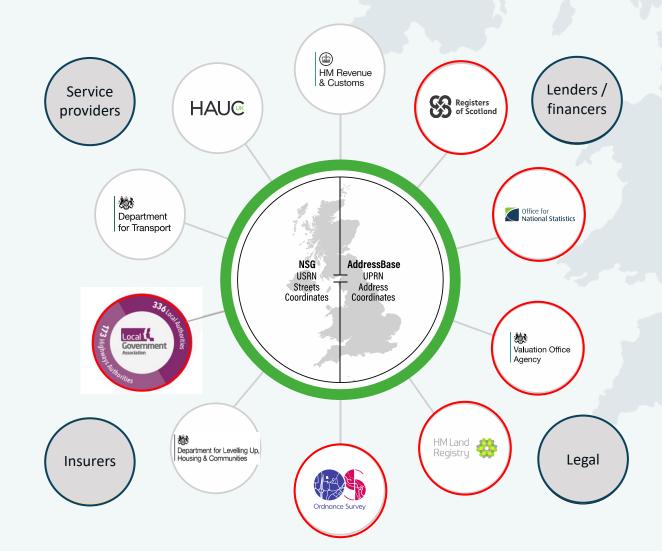
registration certificate (log book)

Property buying & selling - An example opportunity to connect silos and make a difference through the adoption of UPRN / USRN







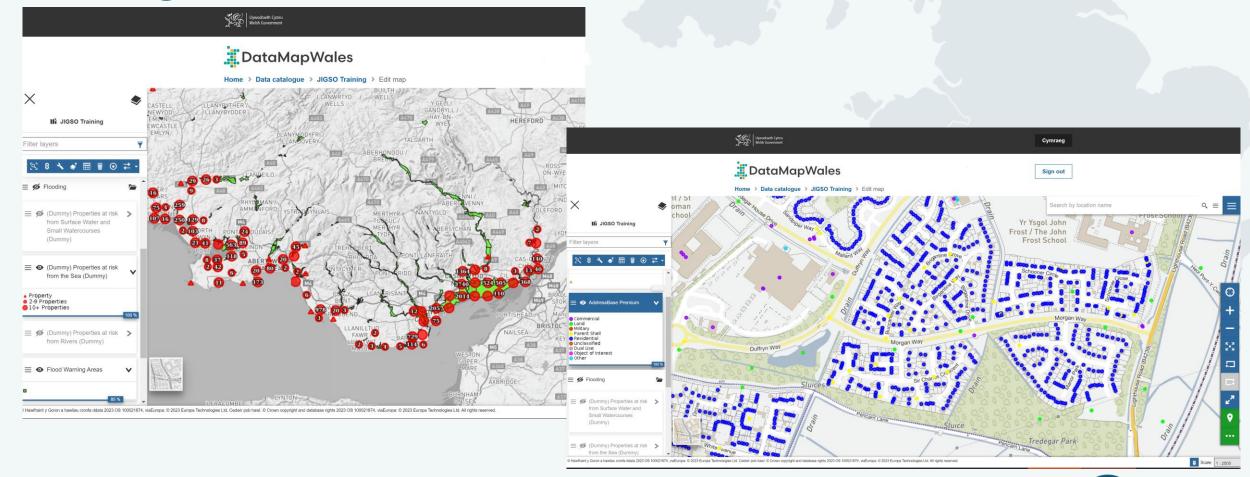






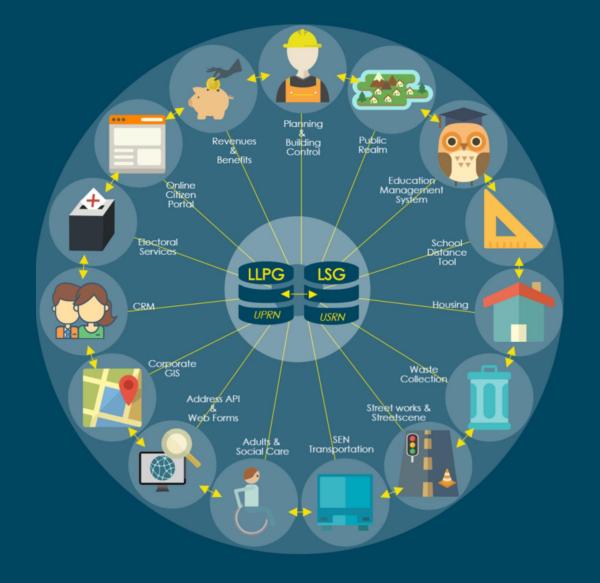


Getting it right – DataMap Wales - Multi-agency data sharing





Local authorities are setting the example for government and making this happen every day



Return on Investment



Local authorities are continuously innovating through data for the benefit of the communities they serve

Deriving multiple savings by integrating UPRNs into council systems

Leeds City Council has integrated Unique Property Reference Numbers (UPRNs) into its systems, providing a fuller picture of address data and assisting in asset management. The UPRNs also played an essential role in the council's Covid response strategy.

This work was used as a key case study to highlight the 6:1 ROI potential available by using Gazetteer data to better effect in local authorities. See the full report here.

Planning

Within Leeds City Council, UPRNs are embedded not only in the planning process but also in many other areas of the organisation such as Building Control, Enforcement, Environmental Health, Housing and Licensing.

UPRNs has always been embedded in Planning at Leeds, providing several 'wins'. The council can combine, share and collect data using UPRNs and their integration in the Planning system means that teams can see notes from enforcement cases and licensing cases, and a large amount of intelligence can be analysed with confidence, to resolve multiple gueries.



Related Content

Overcoming multiple integration challenges in forming Buckinghamshire Council

Using location to create understandable, shareable insights from complex raw information







Local authorities are continuously innovating through data for the benefit of the communities they serve

Overcoming multiple integration challenges in forming Buckinghamshire Council

GeoPlace Exemplar Awards 2022

Buckinghamshire Council was formed following a merger of four district councils and one county council in April 2020 - Aylesbury Vale, Chiltern, South Bucks and Wycombe District Councils, and Buckinghamshire County Council. The merger created the largest authority in the South East region based on both land area and the number of UPRNs (313K+).



The gazetteer team had to overcome multiple challenges. In addition to combining four Local Land and Property Gazetteers (LLPGs) of differing quality into a new centralised system, while ensuring data flows across four networks, and hosting multiple gazetteer-reliant systems, the team had to work against tight deadlines - completing the project in a six-month timeframe, ready for vesting day on 1st April 2020 - and against the backdrop of pandemic restrictions.

Now built, the new Unitary Gazetteer sits at the heart of every system, and drives new system procurement projects - a position strengthened by ensuring questions relating to gazetteers and data usage formed part of the ICT procurement governance process. Responses to those questions triggered early engagement.

Related Content

Combining the systems from five established local authorities in Dorset

Partnering for success







Local authorities – data at the heart of organisations to target

Barnsley Council - using UPRNs to build a **Vulnerability Index**

Barnsley Council has a population of just under 250,000. Situated between Leeds and Sheffield, it is the 38th most deprived local authority in the country relatively high number of older residents: by 2040, it expects to have o residents aged 65 years or over. This places significant focus on finding effi Metropolitan Borough Council ways to serve the needs of an increasingly vulnerable population - a challenge that is being addressed by the collaborative and focussed efforts of Barnsley's Business Intelligence Technical Team, using Unique Property Reference Numbers (UPRNs) to

North Yorkshire Police uses UPRN to promote uptake of security measures

GIS has a long association with crime mapping and analysis. Location dat the means to visualise trends and patterns, identify hot spots, plan resour take preventative action related to myriad aspects of law and order. For e alcohol-related crime, anti-social behaviour, knife crime and public safety welfare. In North Yorkshire, the Office of the North Yorkshire Police, Fire a Commissioner (OFPCC) wanted to increase the uptake of local crime pre-

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GeoPlace Exemplar Awards - winner

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in the police service

lott Macdonald to ork by using ification of 4,799

Mitigating risks to life from Ash Die Back disease

dertake innovative pment of a risk-based approach for managing

nd hierarchy, and to identify risks to public

impacts upon biodiversity.

ince the technologies and develop post survey nage a progressive disease that poses a risk to



underpin the council's systems' integrity.

Finding a solution for dispara

It can be a struggle to dedicate resources Intelligence (BI) Technical Team, which h council - its data and underlying system Digital and GIS. When the team was first skills have been developed in house ar within the council highlighted areas and

Like many local authorities, data was not not been designed with BI in mind - the Those new systems had not been spec

Deriving greater efficiencies and better quality through integration of UPRNs

Blackburn and Darwen Borough Council has integrated Unique Property Reference Numbers (UPRNs) into the council's elections process - realising immediate benefits. Ultimately, the council wants to incorporate UPRNs into all back-office systems.

This work was used as a key case study to highlight the 6:1 ROI potential available by using Gazetteer data to better effect in local authorities. See the full report here.

In 2013, the GIS team at Blackburn and Darwen Borough approached the Elections team to assist with cleansing their database. The driver for this work was simple: there was no automatic link between the Gazetteer Management System (GMS) and the authority's election software. Manual matches were done once a year.

The GIS team exported the election cross references into the Local Land and Property Gazettee during the process, found significant mismatches. Data matching was done to resolve this, alon work for other errors that can occur on election days (things like the wrong polling districts being properties or new-builds not showing up in the records)

The council's GIS, LLPG and Street Naming & Numbering Lead officer offered to manually cleanse the data over a period of time. As the GIS lead had access to the Revenues and Benefits software, it was possible to cross check any anomalies that occurred, and then work to correct these. This process took a few months to complete.

Related Content

Supporting the electoral process in Northumberland County Council

Evidence based electoral review



neasures to combat burglary and protect individuals, families

along the borders of Craven District and Harrogate Borough a's Protect Your Home scheme that has already improved

eme involves engaging householders and businesses in a

to existing security measures.

BLACKBURN.GOV.UK Blackburn with Darwen Borough Council

engage the residents. To enable this, the GIS Team,

UPRNs facilitate energy retrofitting in Nottingham

The Nottingham City Council GIS Team has developed a comprehensive, propertybased dataset for the Carbon Reduction Projects and Policy service area. Using Unique Property Reference Numbers (UPRN) to ensure validity and efficiency, this

work supports the authority's ambitious plan for energy retrofitting schemes. The dataset uses the UPRN to integrate several different datasets, and expands on the

all-important national EPC (Energy Performance Certificate) info associated criteria-based funding bids.

Property values fluctuate, but the inclusion of energy-related data i market, and in enabling local authorities to manage their housing

residential buildings to be able to meet the UK's net zero target is a major policy challenge, and EPC data is instrumental in the work being done to make the UK's housing stock fit for purpose in a net-zero world.

The addition of UPRNs to EPC data has been hugely beneficial in improving address matching within Nottingham City Council's Local Land and Property Gazetteer (LLPG). It has enabled not only the GIS team but also the wider business units to gain a more robust understanding of Nottingham's properties and their characteristics' spatial distribution. It's being used to help project development and delivery as part of carbonneutral targets - Nottingham has the ambitious target to be the first carbon neutral city in the UK by 2028.

Related Content

Challenges

Opportunities still abound – where to start?

System vendors – work with them and avoid them becoming the blocker to innovation

Procurement – intervene to ensure your standards are met (see GeoPlace published guidance)

Data your best kept secret - is it properly on the corporate agenda?

New and shiny can sometimes be a useful bandwagon – AI?

