

How integrating your LLPG can increase revenue streams and save you money

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The UPRN

- UPRN = Unique Property Reference Number
- Each property unit has a UPRN
 - will remain throughout the lifecycle of property
- Data maintained by each local authority in their Local Land and Property Gazetteer (LLPG)
- Data submitted to GeoPlace to form AddressBase in partnership with Ordnance Survey



What happens when you buy a new build house?

- Request a new bin to be delivered / collected
- Register to vote
- Register for Council Tax
- Have your post re-directed
- Update your key contacts & service providers

Which one will you do first?

The UPRN as a starting point for integration:

- At Leeds, all these key services utilise the UPRN
- Registering with Council Tax, Refuse Collection or Electoral Services will trigger an update to the LLPG
- All **integrated** systems will then in turn be notified that a property is now complete
- At Leeds we use this information to notify Royal Mail – update from NYB to PAF



Council Tax & Business Rates

- Ensures timely & accurate updates to the property database
- Maximises income:
 - Previous case study identified **£92,826** of additional revenue (equivalent to **£158,000** today)
 - And that's just for starters!
 - every new dwelling or business property found generates additional income for each subsequent year
 - every year since the LLPG has continued to identify missing records, generating even more income!



Council Tax & Business Rates – intelligence cycle

- So how do we do this:
 - 100% match
 - The more datasets are integrated, the more we get out of it
 - All intelligence of a new, or missing, address is investigated and shared
 - Passed to Revenues visitors for assistance on the ground – confirmation of a missing address fed through to both Valuation List and LLPG
 - In turn, this then feeds into other systems
 - Continuous cycle of intelligence between systems

Council Tax & Business Rates - and beyond

- Ensures that the Valuation Office Agency property database is accurate
 - incl. demolitions
 - Reduces incorrect billing, or recovery against assessments that no longer exist

- Enables direct comparison with other systems
 - Elections validation for single person discounts
 - Reduces fraudulent or incorrect use of SPD – increases revenue
 - Can cross reference vacant business premises with food licensing records for example



Council Tax & Business Rates - the future

- Could reduce the volume of visits for Revenues Visitors and increase efficiency, **but they are absolutely essential to the process and play a vital role!**
- More could be done to automate the integration of existing systems
- Many Revenues systems do not directly link to the LLPG as standard and require manual input
 - Some automation does exist but at an additional cost
- If these processes were to be automated, the potential efficiency savings could be vast



Council Tax & Business Rates – A Plea!

- Some LLPG custodians are not allowed to access Revs and Bens systems
 - Licensing costs?
 - Difficulty limiting access – read only?
 - Mandatory DBS checks?

!! If this is your authority, please do all you can to look for solutions !!

Electoral Services

- Validation - electors are registering at an eligible addresses
- Direct integration with Council Tax
 - Efficiency savings for annual canvass where no response received
 - Reduced the need for follow up for properties with no response
- Prompts for historic addresses to be removed – saves canvassing
- Removes duplication



Refuse Collection

- Only residential addresses eligible, commercial addresses should pay for collection
 - UPRN = validation that address is residential, is complete, and exists
- Accurate plotting of all UPRNs enables optimised routing to take place (**efficiency savings**)
- Automation: adds newly complete properties to a route, and starts the collection process only when complete (**efficiency savings**)



Planning and other services

- At Leeds, the UPRN provides automated integration with many other departments:
 - E.g. Planning, Building Control, Enforcement, Environmental Health, Housing & Licensing

- All newly created UPRNs are checked: is Planning permission required, and has been approved?
 - Intelligence comes from multiple sources:
 - Council Tax
 - Business Rates
 - Refuse Collection
 - On line queries (where an address is missing from look up)
 - Street Naming and Numbering (SNN)

- Any queries or discrepancies are referred to Planning Enforcement to follow up



Planning and other services (cont...)

- Resulted in approximately 35 referrals to enforcement in two years
 - Generates retrospective fee collection **(thousands of pounds of additional revenue)**
 - ensures that unsafe developments are prohibited

- SNN is refused if development is still under construction, and no planning permission in place
 - Excellent way to force compliance (utility companies require SNN)
 -but SNN is processed if a development is occupied (consider risk to tenants, will still be picked up by Enforcement). **Generates additional income.**



Planning and other services (cont...)

- Works both ways, Council Tax & Business Rates benefit from Planning and Building Control intelligence.....and vice versa
- **All benefit from additional income streams as a result of integrating this data via the LLPG**
- Challenges: Permitted development and class E

New Homes Bonus

The New Homes Bonus is a grant paid by Central Government to reflect and incentivise housing growth. A payment is made to local councils, based on the amount of extra Council Tax revenue raised for new-build homes, conversions and long-term empty homes brought back into use. There was also an extra payment for providing affordable homes.

- Data sharing maximises New Homes Bonus
 - all new dwellings are reported
 - UPRN enables automation of statistical data collection for monitoring purposes via databases / Power BI.
- Planning permissions cover most new builds, but can miss some conversions
 - Basement flats or converted outbuildings

New Homes Bonus (cont...)

- By combining intelligence sources using the UPRN all potential new dwellings are identified and reported for New Homes Bonus, maximising income.
- Based on 23/24 data, Leeds was allocated £6.1m through New Homes Bonus
- However, 25/26 is due to be the last year of the scheme in its current guise
- Also underpins Housing Land Monitoring statistical returns to government, and SHLAA / AMR / 5 Year Housing Land Supply



A wide use case.....

- UPRN beneficial for many Emergency Planning scenarios:
 - Major Flood events
 - Emergency event requiring evacuation
 - Identification of safe places
 - Anything that requires knowledge of where people and risk may be located!

- Also used for event planning
 - Major sporting events (Tour de Yorkshire / Triathlon)
 - Large music events that require road closures



The case for Social Care

- Most projects focus on efficiency savings / increased revenue
- However....what price do we put on the identification, and protection, of vulnerable residents. **Is your social care data linked to a UPRN?**
- UPRN = obvious benefits:
 - improved accuracy
 - de-duplication
 - Integration
 -but comes at a cost to set up, automate, and match data
- Emergency Planning: Identification of vulnerable residents in the event of emergency gets overlooked
 - relies on the UPRN to accurately and efficiently plot where vulnerable people are living



The case for Social Care (cont...)

COVID response:

2020: Identification of 40,000 residents certified as Clinically Extremely Vulnerable (CEV)

- Data from multiple systems = duplication
- Matching to UPRN ensured that duplicate records could be removed, and data could be mapped
- Address data linked to internal systems such as Adults and Children's (Social Care); and CRM (staff assisted with welfare calls and distribution of food parcels)

Obvious huge benefits – Led to NHS data being matched to UPRN prior to distribution = huge efficiency savings / more effective use of data

One final wish....

Lessons learned from COVID, and increased integration with NHS systems, will be the final driving force to get us over the line.....



Case studies on health / vulnerability:

- [Local authorities are using UPRNs to provide support for vulnerable people | GeoPlace LLP](#)
- [We CAN support the vulnerable | location data | GeoPlace LLP](#)
- [Barnsley Council - using UPRNs to build a Vulnerability Index | GeoPlace LLP](#)



Further Information:

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- [Deriving multiple savings by integrating UPRNs into council systems | GeoPlace LLP](#)
- [Leeds match data to uncover council tax revenue | GeoPlace LLP](#)
- [A property level view of flood relief in Leeds | GeoPlace LLP](#)

