November 2023

Spatial Data Services for Local Government

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Spatial Data

- **Government departments are very data centric**
- **Lots of databases and systems**
  - Built Environment
  - Case Management
  - Digital Platform
  - Business Intelligence
  - …
- **What organisations need:**
  - Consistent, reliable and up to date base mapping
  - Easy access other data sources to support their work

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Review of Spatial Data Services

1. **Ordnance Survey Data**
    1. Data Hub
    2. Premium Plan Data (outside of the PSGA)
2. **Cadcorp Open Data Service**
3. **EPC Data Service**

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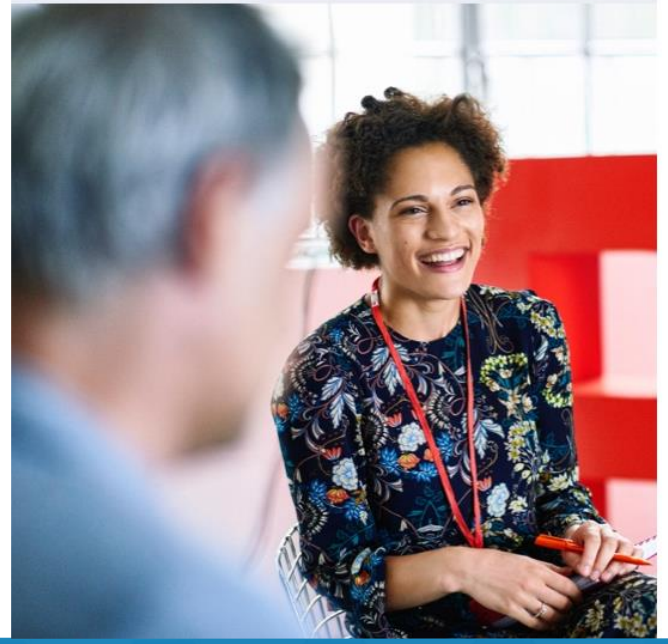
1. Ordnance Survey Data

- **Cadcorp data partner for over 25 years**
  - Understand how to read the data
  - Provide dedicated loaders to load the data
  - Knowledge of how to use the data
- **Dedicated OS wizards within Cadcorp SIS**
- **Managed service from Cadcorp to apply updates**
- **Can provide all the OS data portfolio**

We're an OS Premium Partner



Ordnance Survey
SEE > BETTER PLACE

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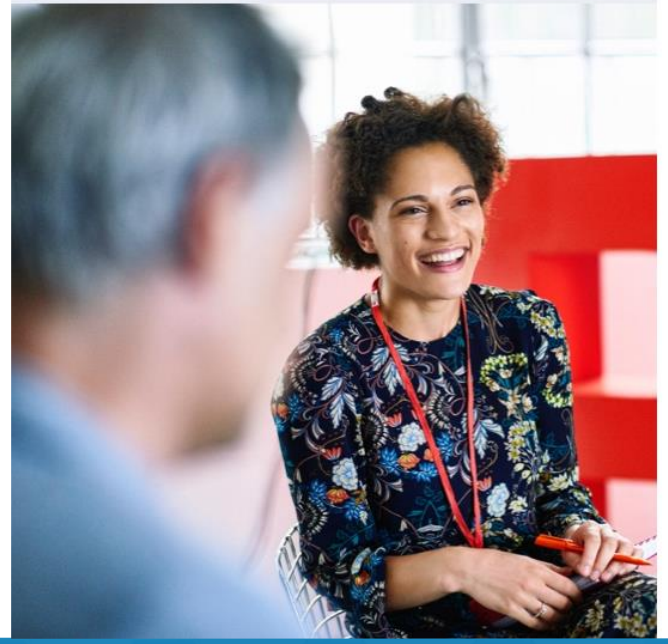
OS Data Hub

- **Cadcorp SIS 9.1 supports**
  - OS Select+Build
  - OS NGD API - Features
  - OS NGD API - Tiles

We're an OS Premium Partner



Ordnance Survey
SEE > BETTER PLACE

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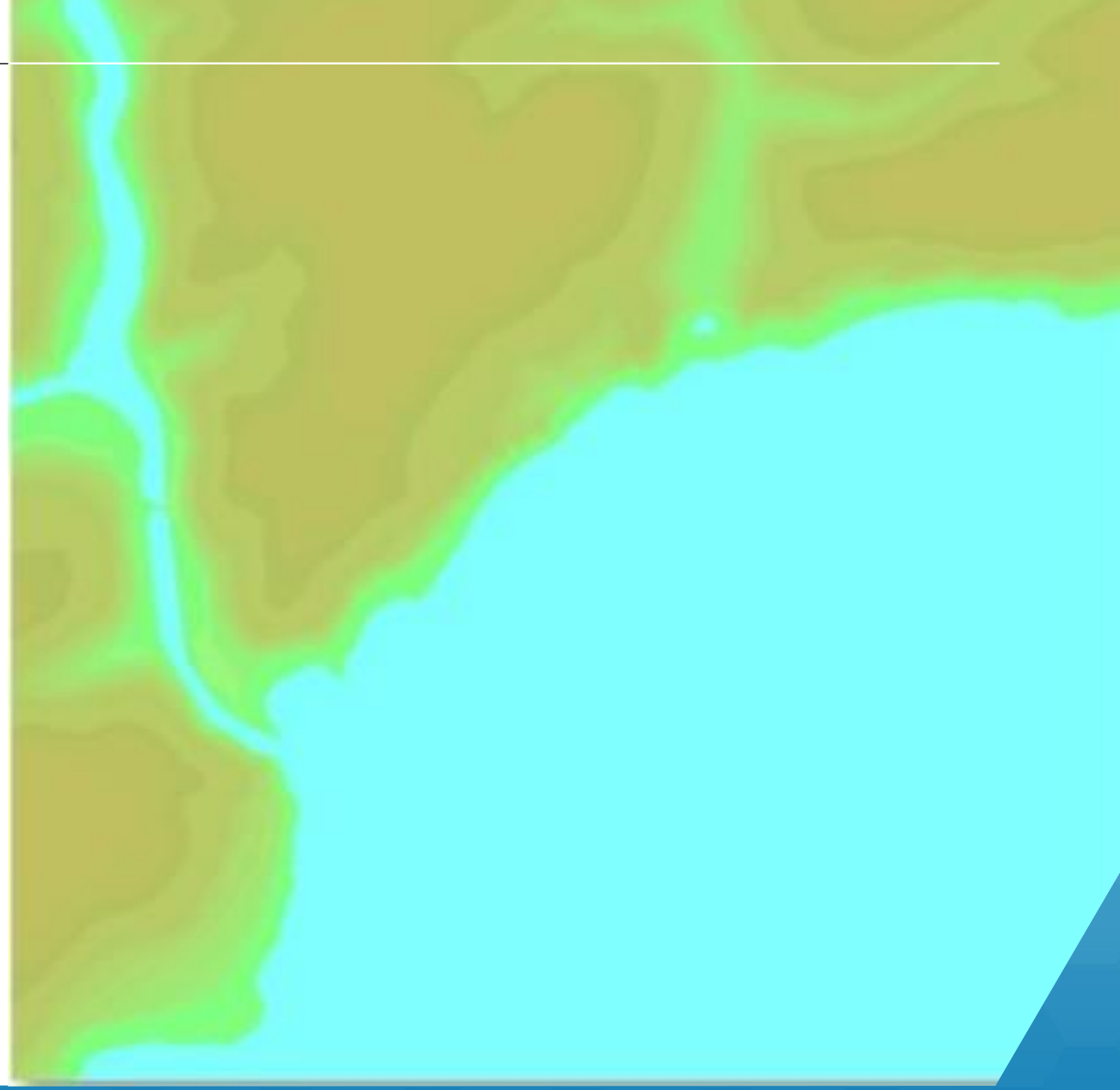
OS Premium Plan Data

- **Cadcorp can provide all the OS data portfolio**
- **Most requested dataset is Terrain 5**
  - Grid ASCII and GML
  - Contours in SHP



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2. Cadcorp Open Data Service

A cloud vector service of open data from:

Department for Levelling Up, Housing & Communities

BGS

Historic England

Cyfoeth Naturiol Cymru
Natural Resources Wales

Environment Agency

Ariennir gan **Lywodraeth Cymru**
Funded by **Welsh Government**

HISTORIC ENVIRONMENT SCOTLAND | ÀRAINNEACHD EACHDRAIDHEIL ALBA

NatureScot
NàdarAlba

NATURAL ENGLAND

Cadw

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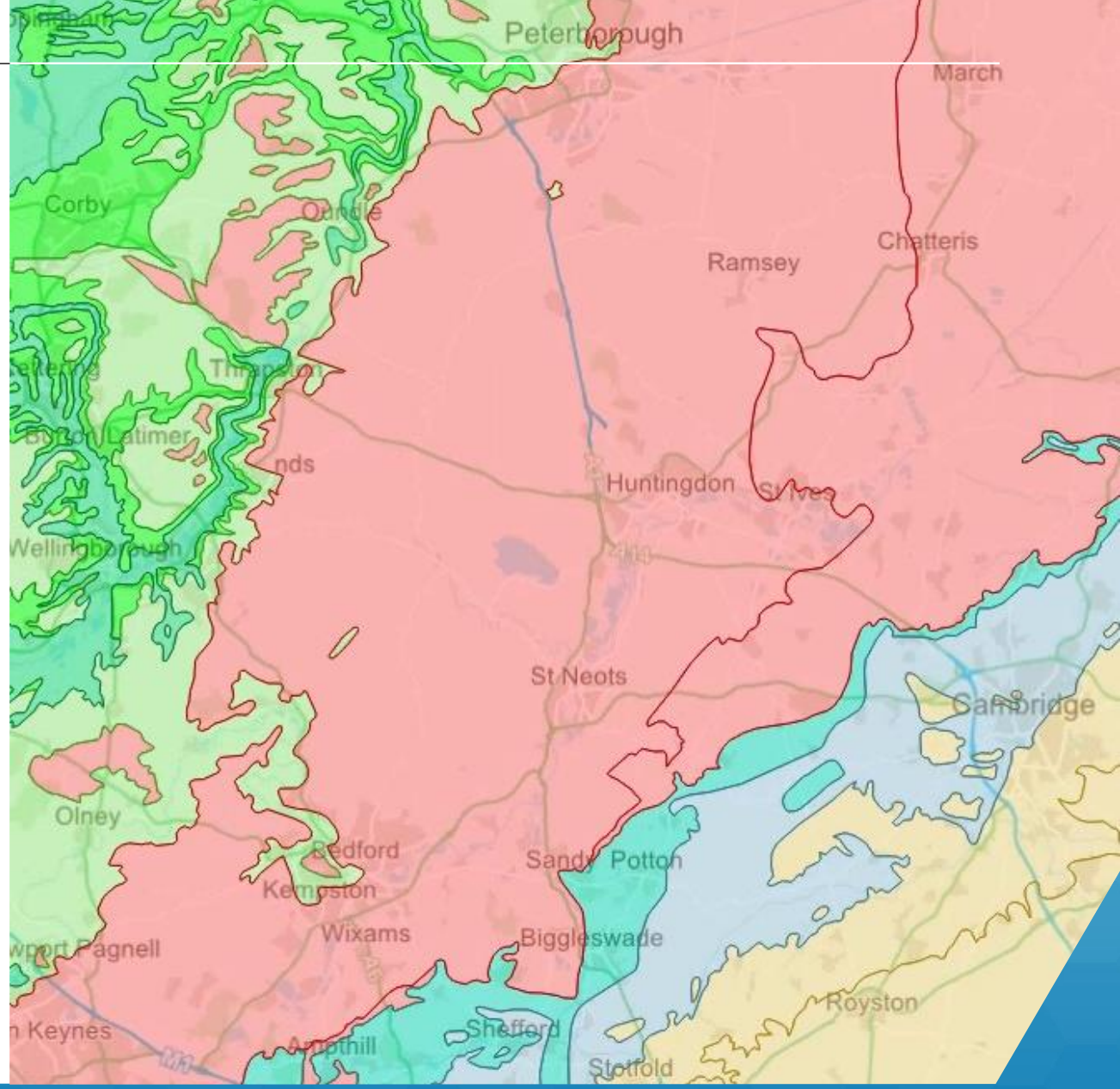
Cadcorp Open Data Service

- **What's included:**
  - Access to 60+ datasets
  - National coverage (where applicable)
  - 6 monthly updates
  - Extract/export to own repository
  - Easy access to data from PostGIS with dedicated user interface



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Use Cases & Benefits

Use Cases:

- Flooding zones and defenses to identify at risk areas
- Conversation areas and other Planning constraints
- Radon gas for Land Charges search

Benefits:

- Compliments other cloud software and data services
- Central location for multiple datasets from organisations
- Convenient and cost effective
- Vectors from PostGIS provide more flexibility

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3. Cadcorp EPC Data Service

LocalGov

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Analysis

Greening Up: why, where and how

Nicholas Boys Smith, director of Create Streets, sets out how local councils can improve the level of urban greenery and why they should.

Opinion

Don't build up or out

Daniel Leon, director at Square Feet Architects, looks at how clever architecture can help mitigate the housing crisis.

LocalGov Work With Us

Start working

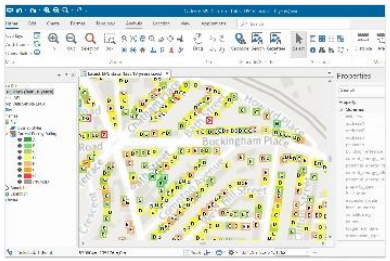
05 October 2023

Cadcorp launches new EPC Data Service

SIGN UP

For your free daily news bulletin

Cadcorp has launched a new cloud hosted data service, providing Energy Performance Certificate (EPC) ratings for all residential properties in Great Britain.



Easy access to EPC data provides significant benefits to many industry sectors including government, land and property, environment, and finance. Integrating EPC data with a Geographic Information System (GIS) plays an essential part in enabling organisations to identify properties that meet specific target EPC ratings.

The Cadcorp EPC Data Service includes:

- Access to the latest EPC ratings for all residential properties within Great Britain
- Quarterly updates provided and managed by Cadcorp
- Access to over 10 million properties in total
- Vector access to a spatial database allowing:
  - o Analysis of specific properties for example current and potential housing stock
  - o Theming to easily identify clusters of EPC ratings
  - o Sharing across the organisation
  - o Exporting to other systems, such as a property or asset management

Each record has been geocoded based on the national Unique Property Reference Number (UPRN) to allow organisations the opportunity to analyse each location individually or as part of a wider area.

Specific applications of the EPC Data Service include organisations that are required to conduct a housing stock condition survey. It can be used to identify discrepancies between existing EPC data readings and the official data

LocalGovJobs

Agricultural Advisor - Land Management & Grazing Systems

£39,944 up to £46,057 per annum, commensurate with qualifications and experience

The role also includes advising, supporting and collaborating with land owners in relation to on-farm research. Falkland Islands (FK)

Recruiter: Falkland Islands Government

Highways Safety Inspector

£39,615 - £47,736 per annum (Pending pay award)

At the Royal Borough of Kensington and Chelsea, we put local people and businesses at the heart of everything we do. Kensington and Chelsea, London (Greater)

Recruiter: The Royal Borough of Kensington & Chelsea Council

Head of Service Highways Construction and Maintenance Services

£67,800 - £74,300

This role provides a unique opportunity to shape the future direction of the Service for the

Salford City Council

Did you know LocalGov is on LinkedIn?

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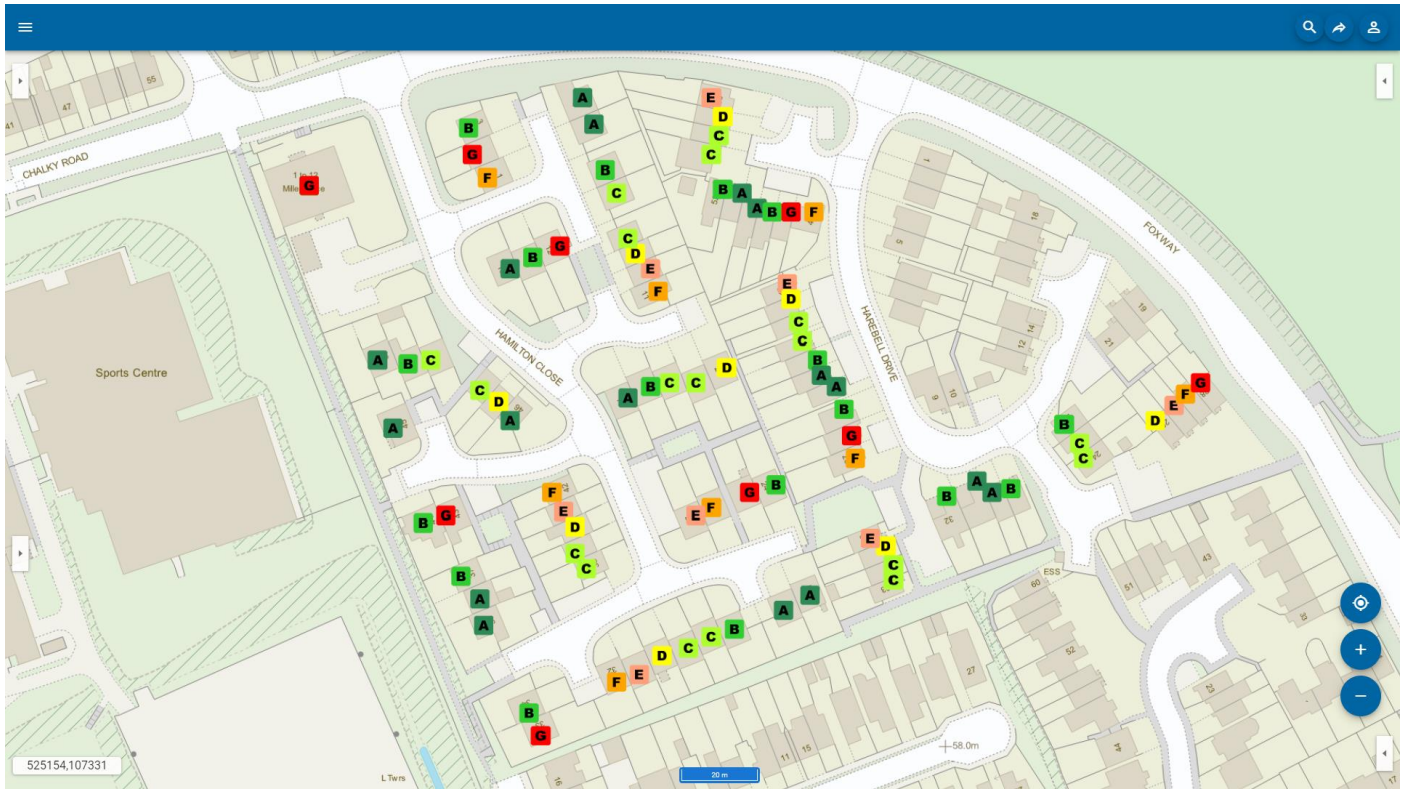
EPC Data Service

What's included:

- Latest residential EPC’s
- Geocoded with UPRN
- National coverage
- ~90 attributes
- Quarterly updates
- Extract/export to own repository



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Use Cases & Benefits

Use Cases:

- Housing stock upgrades to look at ensuring council properties meet the appropriate EPC ratings by 2030
- Identification of unlicensed HMO’s
- Help identify those in fuel poverty to provide government grants

Benefits:

- Compliments other cloud software and data services
- Convenient
- Exporting to other systems e.g. property management

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Demo

- **Spatial Data Services in Cadcorp SIS Desktop**
  - Add Overlay Wizard
    - OS Data Hub
    - Cadcorp Open Data Service
    - EPC Data Service

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