

Local Heat and Energy Efficiency Strategies

Data Forum – 02/03/2023



Scottish Government
Riaghaltas na h-Alba
gov.scot

Agenda

- Introduction – Jamie Gregory
- Overview of data sharing - Andrew Walker, Scottish Government
- Ordnance Survey data – Dominic Cuthbert, Ordnance Survey
- PEAT Proposal – David Campbell, EST
- Questions and Answers



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LHEES Data sharing

All Local Authorities can share data with contractors.

All data sharing must be managed by data sharing agreements/licences.

Use of data is directed by local authorities.

Good practice for data sharing agreements:

- Have a clear and relevant purpose
- Are project specific
- For no longer than necessary
- Contain appropriate security arrangements
- Specify responsibilities and limitations on use

Guidance for Local Authorities on the sharing of Core LHEES in appendix 2 of LHEES Methodology.

Local Authorities are members of the Public Sector Geospatial Agreement (PSGA) and have access to the One Scotland Gazetteer.

Link: [OSG | One Scotland Gazetteer](#)

Local Authorities can set up licenses for contractors working on their behalf to access the data. Data then shared by Local Authority or The Improvement Service.

Email: gazcustomers@improvementservice.co.uk

Local Authorities may have staff who deal with PSGA. Alternatively, you can get support from The Improvement Service to set up licenses.

Email: gazcustomers@improvementservice.co.uk

For a brief summary of what you can and cannot do under the PSGA take a look at the Ordnance Survey “Lightning Talk” on [PSGA licencing](#).



One Scotland Gazetteer



Home Analytics

Local Authorities must ensure a Data Sharing Agreement (DSA) is created to allow third parties (e.g. consultants) access to Home Analytics data available from Energy Savings Trust.

Local Authority to contact Energy Savings Trust (EST)

- Email: VictorC.Pino@est.org.uk or david.cam.pbell@est.org.uk
- Content of email to include:
 - Outline scope of work
 - Name third party consultancy contracted to assist in analysis
 - Provide names and project roles of consultants involved
 - State timeframe for project
 - **Request whether EST are to facilitate data sharing for the third party**

Energy Savings Trust (EST) will issue a contract variation authorising the third party as a user of Home Analytics data.

Scotland Heat Map Framework Agreement – data sharing agreement between Scottish Government and public sector bodies holding heat map datasets.

Link: [Scotland Heat Map 1.0 Framework Agreement](#)

Multiple documents form the Scotland Heat Map Framework Agreement (collectively known as the Heat Map Agreement):

- Framework Agreement
- Acceptance Form
- Data Users
- Contact Form
- metadata, limitations and data management

Scotland Heat Map



Scotland Heat Map

Local Authority signatories of the Heat Map Agreement can share data with third parties (e.g. consultants).

Requirements of sharing Heat Map data:

- Sharing supports purposes outlined in the Framework Agreement
- A signed project specific Data Sharing Agreement, conforming to conditions within the Heat Map Agreement is put in place between Local Authority and third party
- Recipient has a valid licence permitting them to use Ordnance Survey products

Local Authorities (not Scottish Government) manage the data sharing with third parties.

This data set is in early development and is provided to fill evidence gaps on non-domestic properties.

This data set is being shared as an extension to data already available to Local Authorities under Scotland Heat Map Framework Agreement.

Your organisation has signed the Framework Agreement.

If you are unaware of the details of the Framework Agreement, or don't know who at your organisation is responsible for this, please contact: Heatmap@gov.scot



Non-Domestic Analytics



Data Sharing

Different practical arrangements for each dataset but very similar purpose and general approach.

OS licences are required in order to share any of the data (one licence should be sufficient).

Local PSGA contacts, Improvement Service or Ordnance Survey contacts can help with this.

Contract variation for Home Analytics requires one email to EST. EST can also facilitate the sharing.

Heat Map data (including NDA) is shared under a data sharing agreement with third parties. This requires similar terms as the Framework Agreement.

* Note that third parties are not allowed to onward share.

If you're unsure, contact the relevant team.



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ORDNANCE SURVEY

Dominic Cuthbert – Scottish Sector Manager

The Public Sector Geospatial Agreement (PSGA)

10 year agreement between Ordnance Survey and the Geospatial Commission (Cabinet Office)

Provides:

Access to location data and services for free at the point of use

Access to technical support resource

Geospatial data sets available to Public Sector

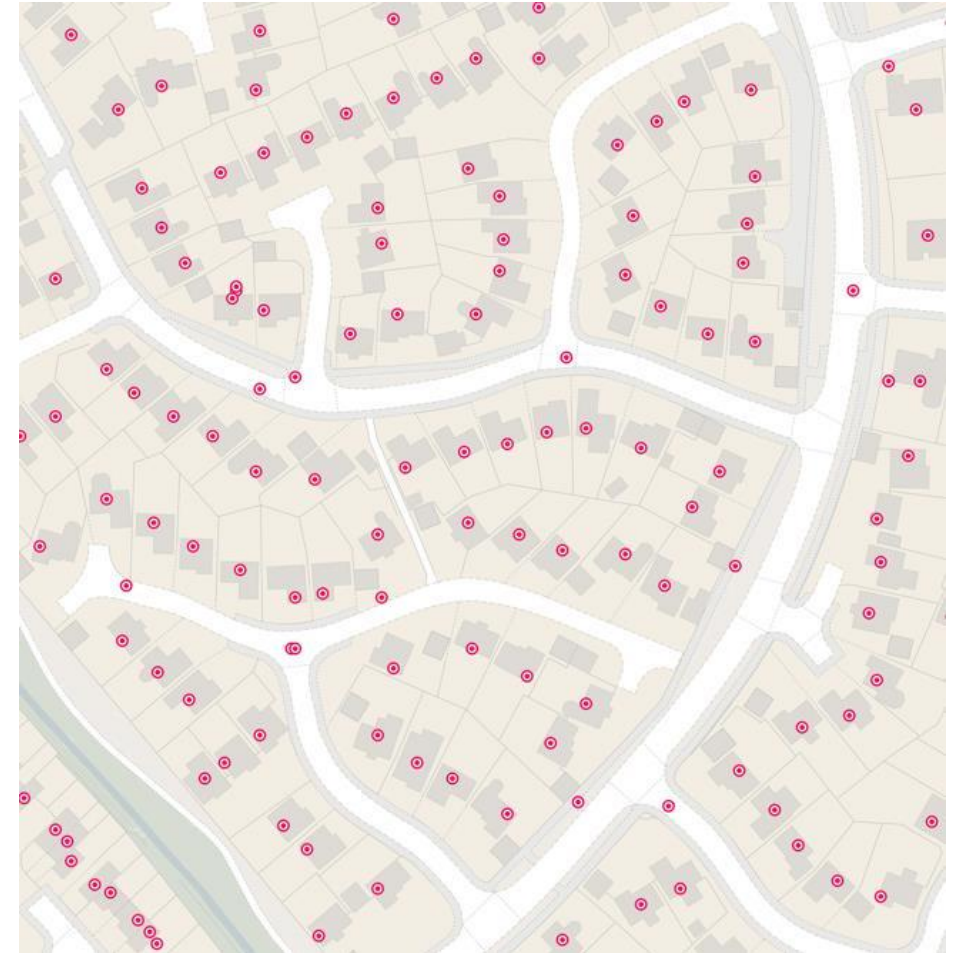
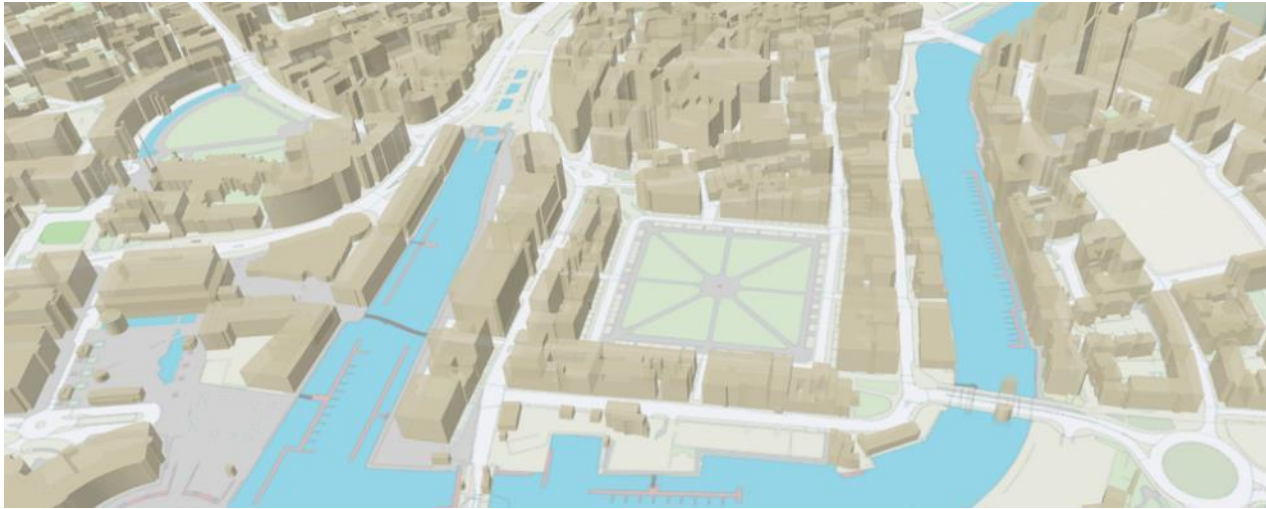
Addressing and location

Contextual mapping

Networks (Rivers and roads)

Topography

Identifiers



Derived Data Sharing

1. Full sharing rights with other PSGA Members
2. Share data if its is part of your public task
3. Share with 3rd parties working on your behalf (Contractors &End User Licences)
4. Open Data terms via and Exemption or Presumption to Publish
5. To meet Inspire obligations
6. Last resort under commercial terms

Contacts

[Public sector licensing guide | Government and public sector | Ordnance Survey](#)

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PEAT Proposal

David Campbell

Information manager

david.campbell@est.org.uk



- Home Analytics is an address-level database that provides comprehensive information on homes in Scotland. It includes over 100 fields of rich property information designed to assist you in improving energy efficiency and alleviating fuel poverty.
- The Portfolio Energy Analysis Tool (PEAT) helps you use Home Analytics data more effectively by modelling your properties using a SAP-based engine and determining the most effective energy efficiency improvements for each property.

To access our data and tools, please visit localhomesportal.est.org.uk or email us for more information at localhomesportal@est.org.uk



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- **Questions and Answers**



A woman with glasses and a blue jacket is smiling and standing in front of a building. To her right, there is a white metal dog cage. The background is a light-colored wall with a window.

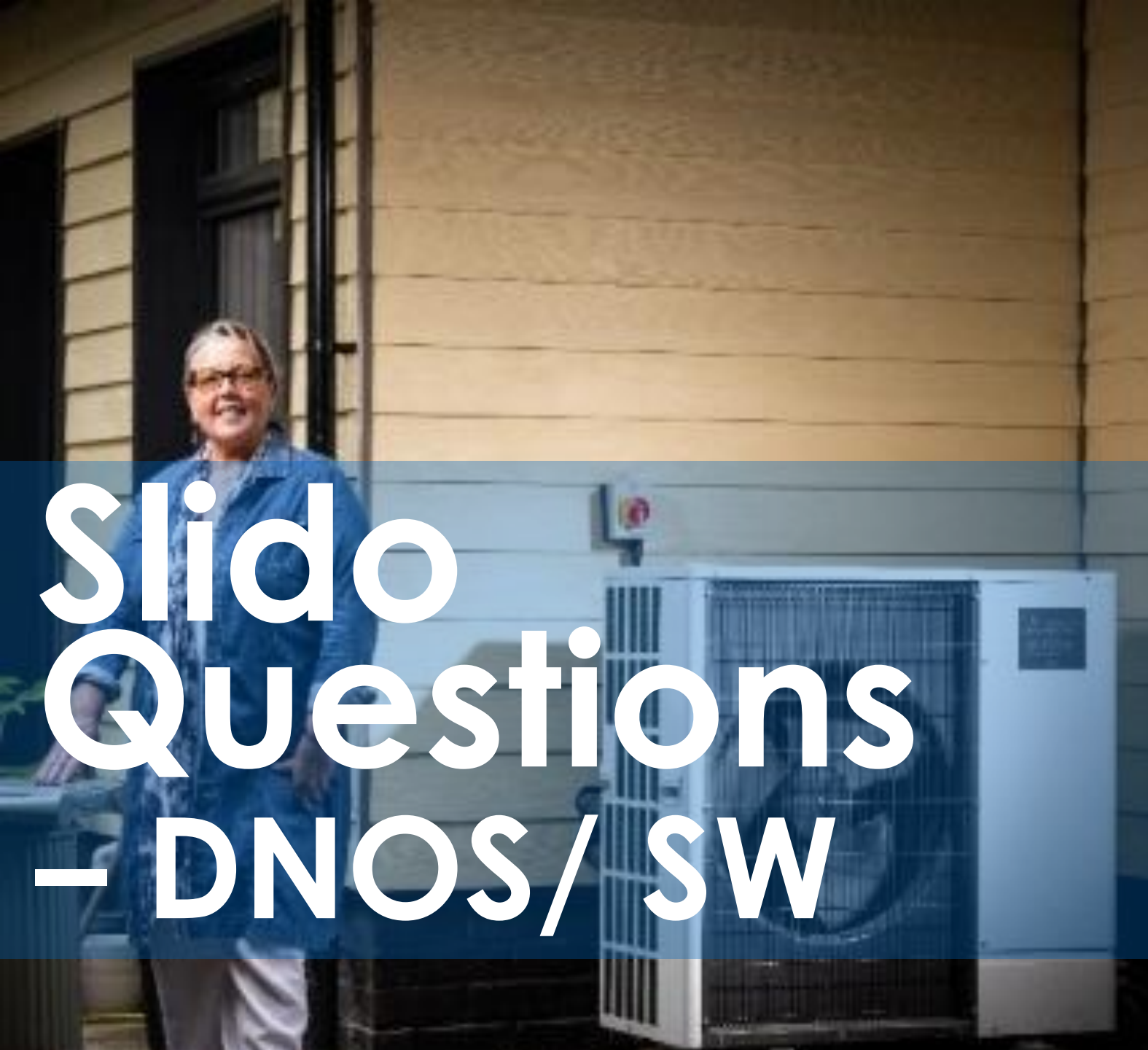
Slido Questions – Data Sharing

- **Why are you expecting all LAs to sort out their own data sharing arrangements for LHEES rather than creating an overarching data sharing protocol (all data)? E.g. PGSA**
- **Why can't the PSGA be expanded to simply allow this sharing of data between all public sector bodies?**
- **Where data sharing agreements are required would it not be more efficient for the Scot Govt to manage this on behalf of all LAs?**
- **Asking LAs to sign a DSA with third party to share HA data (that LA don't own) seems like unnecessary manoeuvre. And potentially useless exercise, legally?**
- Data Sharing Agreements, not Council to Contractor, but contractor with DNO/SPEN/SGN etc with LA data and personal data (complying with DPA/GDPR) (edited)
- Have EST used the same template Data Sharing Agreement to share data with all Scottish Local Authorities? If not, why?
- Stage 2: data sharing docs clls set up should refer to the sharing conditions of Heat Map framework, now a new sharing form? instructions from all orgs needed.

A woman with glasses and a blue jacket stands in front of a house with a blue air conditioning unit. The background shows a yellow wall and a dark door.

Slido Questions – Personal Data

- Can EST and SG categorically clarify; what data in domestic Home Analytics are 1)personal data? 2)commercially sensitive data ?
- Could we please get an update on the ask to label EST data as non personal as this will remove various barriers to sharing with key energy stakeholders?



Slido Questions – DNOs / SW

- Gov guidance on making DNOs share data on grid constraints with council. biggest challenge so far, has the government been making ways in facilitating this.
- DNOs have been more transparent recently and seem willing to share data with LAs. Have SG taken any initiative to facilitate data sharing between DNO and LAs?
- Can Scottish Power / SPEN provide the capacity for all the heat pumps required to transition?
- How will Scottish Power / SPEN prioritise any necessary electricity infrastructure upgrades to enable investment in the delivery areas to proceed?
- SPEN were going to be taking on area officers (Strategic Optimisers). Are these now in place and can we organise regular meetings with them?
- Can Scottish Water provide the trunk sewers data so we can identify where any opportunities are to utilise these for potential heat networks?
- Does SG have any information on the upcoming SGN digital twin development



Slido Questions

– Future Developments

- Is funding being considered to address current gaps in data? Eg for surveys to establish current heat demand which could also highlight appropriate retrofit
- Non domestic (confidence low) improvement plan required including synthesis of existing and near future available data (BARS, HH data from national/local)
- Ask for a wider data flows architecture plan w a dedicated resource commitment from SG to support ongoing LHEES/LAEP development with partners beyond December
- Overarching sustainable data model and planned improvements with partners to facilitate data flows e.g. NAVI, EST, SSEN etc to support implementation beyond /23



Slido Questions

– Practicalities

- We are assuming that the LHEES itself will be published as a PDF. How is it envisaged that the supporting data will be stored/published?
- Will SG support the use of alternative data than Scotland Home Analytics for LHEES analysis. If not why?
- Who at EST to ask for the Non-Domestic Analytics as it seems the Home Analytics team does not deal with it?
- Has too much focus on data and geospatial analysis made LHEES somehow out of capability of LAs? And in turn only benefiting a limited number consultants?



Slido Questions

– Wider Policy

- How will the government address the gap in skills and supply chain that will be needed to enact the actions of the LHEES?
- Would it be possible to have standard Impact Assessment proformas?