

LHEES Capacity Building Workshop 2 – 10/11/2021

Focus of workshop 2:

- Stage 4 – Foundations of this stage – focus on non-heat network priorities
- Stage 4 – Walkthrough of Off-gas grid priority
- Stage 4 – Walkthrough of Poor building energy efficiency and Poor building energy efficiency as a driver for fuel poverty and Mixed-tenure, mixed-use and historic buildings

Questions raised during workshop and answers provided.

Data

Q1. Do SGN have maps that have nil gas provided to the area which could be used here to indicate on or off gas grid?

A1. Home Analytics data on fuel type is used to inform if a property is on- or off-gas grid. There's a level of modelling that informs this, but this approach should have sufficient accuracy for strategic targeting of areas of interest. The SGN data could be a useful layer of 'additional data' in the data library to place over the top of a local authority area. The off-gas grid methodology is an approach to identify suitability for heat decarbonisation in off-gas areas. This requires the building level data from Home Analytics.

N1. Xoserve provide a list of postcodes where they do not have a record of a gas connection by either large or small gas transporters. The list also contains data from islands which are not connected to the GB mainland gas network.

Visit www.xoserve.com/ navigate to the [resources](#) page and search for '[off gas postcodes](#)'
Direct link to [Off Gas Postcodes](#) – dated Dec 2017

Q2. Does including uninsulated lofts in the weighting mean that areas with a lot of flats (e.g. tower blocks) without lofts will rank lower in priority, or would not having many lofts not hold an area back (in terms of prioritising?) (Or perhaps in practice it won't matter too much?)

A2. From one of the test data, uninsulated walls were the dominant measure (maybe ~6 times the frequency of single-glazing and low loft insulation), so unlikely to have a strong bearing on the outputs, but something to be aware of. There is no reason to say that you could not adjust the weighting to favour wall insulation over loft insulation and then even filter by tenure/construction type. This is covered in the guidance but is considered optional. Quite easy steps once you are set up.

GIS topics

N2. GIS set up. Although most council have some form of GIS system, not all officers have access to it. Therefore, it is worth checking with IT, because IT colleague can take time to set up as their workload is increased due to home working. Once you are in GIS there is training material freely available by ESRI - www.esri.com/training/

N3. Geoprocessing hack. You can use your geoprocessing history and just change the parameters if you are comfortable with that. This can speed up the process and avoid some repetition.