**Energy data sources  - APSE workshop 10<sup>th</sup> March 2020, GSE Energy Hub**

1. Our Hub website with case studies, toolkits, funding information and links: https://www.energyhub.org.uk/
2. Underground assets register - partners include London Councils, Ordnance Survey, Energy companies: https://www.gov.uk/government/news/map-of-underground-pipes-and-cables-designed-to-save-lives-and-prevent-major-disruption
3. Project Leo, Oxford - partners include SSEN, Universities of Oxford and Oxford Brookes, Oxfordshire County Council: https://project-leo.co.uk/
4. Local Area Energy Plans - detailed in: https://www.ofgem.gov.uk/system/files/docs/2019/10/riio-2_business_plans_guidance_october_2019.pdf
5. UKERC - energy data centre http://www.ukerc.ac.uk/programmes/data.html and available capacity inventory - part of ADVENT project: http://www.ukerc.ac.uk/programmes/advent.html
6. UCL (domestic/non-domestic building stock modelling https://www.ucl.ac.uk/bartlett/energy/research-projects/2020/mar/london-building-stock-model )
7. Energy Data Taskforce: A Strategy for a Modern Digitalised Energy System: https://es.catapult.org.uk/reports/energy-data-taskforce-report/
8. Energy data best practice guidance (draft): https://es.catapult.org.uk/news/energy-data-best-practice-guidance/
9. Ofgem data catalogue: https://modernisingenergydata.atlassian.net/wiki/spaces/MED/overview
10. Innovate UK competition - modernising energy data access and information: https://www.ofgem.gov.uk/publications-and-updates/19m-modernising-energy-data-access-competition
11. For further information on the Australian mapping system, AREMI see: http://nationalmap.gov.au/renewables/
12. Dafni: https://www.dafni.ac.uk/
13. Geospatial portal: http://geoportal.statistics.gov.uk/
14. BEIS domestic data map: Off gas, EPCs, electricity/gas use, fuel poverty and ECO. For Countries, Regions, Local authorities (LAs), Middle Super Output Areas (MSOAs)/ Intermediate Zones for Scotland, Lower Super Output Areas (LSOAs)/ Data Zones for Scotland and Postcodes: http://www.domesticenergymap.uk/
15. Locate electricity information from your DNO - they have online data portals you can register to use: https://www.energynetworks.org/electricity/regulation/overview-of-dnos.html
    DNOs plans for digitising their data can be found at: https://www.ofgem.gov.uk/publications-and-updates/digitalisation-strategies-modernising-energy-data
    National grid is the transmission level operator for electricity in England: https://www.energynetworks.org/info/faqs/electricity-transmission-map.html
16. The gas network is divided into distribution operators: https://www.energynetworks.org/info/faqs/gas-distribution-map.html
    with gas transmission network managed by national grid: https://www.energynetworks.org/info/faqs/gas-transmission-map.html