

**THURROCK COUNCIL- HOUSING STOCK ENERGY STUDY- PROJECT PLAN**

<b>STAGE</b>		<b>Date</b>
1	Meet with Thurrock Council asset management team to review the methodology proposed for the study, the proposed standards and the scope and quality of the available energy data on the housing stock.	25 <sup>th</sup> Jan
2	Work with Thurrock Council team to establish housing stock profiles identifying the distribution of SAP energy ratings and carbon dioxide emissions across the housing stock. These profiles will be based on existing data, and presented in the form of a machine-readable tabular workbook supplemented by bar charts.	11 <sup>th</sup> Feb
3	Work with Thurrock Council team to establish costs (expressed in terms of rates) for the improvement measures that are likely to be applied to the housing stock to meet the identified standards. This will include fabric improvements, building services upgrades and on-site renewable energy systems, as appropriate.	15 <sup>th</sup> Feb
4	Identify up to thirty examples of representative 'archetypal' dwellings from the stock, and evaluate their energy performance using existing RDSAP data (where available) and the NHER Plan Assessor version 5 (SAP: 2009) software. Identify options for improving these dwellings to meet each of the suggested standards (i.e. minimum SAP 80, and 60% carbon dioxide emissions reduction), and review them with Thurrock Council team.	25 <sup>th</sup> Feb
5	Establish the capital costs of preferred improvement packages using the rates obtained at Stage 3, and estimate the average capital cost, fuel cost saving and carbon dioxide emissions reduction associated with bringing each of the archetypal dwellings to each of the proposed standards, over an agreed period (e.g. thirty years). At this point we will meet with you to agree the packages before we scale up across the housing stock.	15 <sup>th</sup> March
6	Apply the preferred improvement options to the housing stock profile, and evaluate the number of dwellings to be improved and the overall capital cost, fuel cost savings and carbon dioxide emissions reduction <sup>2</sup> associated with each standard. Break down the cost of achieving each standard by measures. Identify those measures that could be funded via the Green Deal and ECO, the FiT and the RHI and evaluate the potential for funding from these sources.	25 <sup>th</sup> March
7	Provide a draft report of the study, review the results with Thurrock Council team, and subsequently update and finalise the report.	25 <sup>th</sup> March
8	Facilitate a workshop with members of Thurrock Council strategic management and asset management team, in order to explain the study, review and interpret the results, conclusions and recommendations, and discuss their implications.	30 <sup>th</sup> April