

Net Zero Carbon 2030 Low Carbon Feasibility Studies



What is a Low Carbon Feasibility Study?

The feasibility study assesses opportunities to reduce carbon emissions through changes to the building fabric and/or mechanical and electrical installations. Examples of feasibility studies undertaken to date can be obtained from the Net Zero Carbon 2030 (NZC 2030) team (pleigh@liverpool.anglican.org). A summary of their content is as follows:-

- Detailed review of current building including recommendations for efficiency improvements.
- Energy assessment of current building, including carbon footprint analysis.
- Site analysis and review of appropriate low carbon technologies (heat pumps, solar PV etc).
- Detailed assessment of most appropriate technologies, including costs (lifecycle), carbon reduction profiling, technical risk assessment.
- Conclusion and recommendations.

How Do We Arrange The Report?

The NZC 2030 team can arrange the report, however we will need you to do the following first:-

1. Officially become part of the NZC 2030 programme.
2. Complete the initial information collection form regarding your heating systems and energy use.

Our team will then undertake a desk-based assessment of your buildings. Priority will initially be given to buildings that are either in urgent need of a new heating systems, or buildings where significant carbon savings can be achieved.

If your building is selected then we will:-

3. Ask for additional information to support the study.
4. Ask for you to confirm that you can pay for the report (preferable) or how much you can contribute toward the costs of the report.
5. Arrange for a consultant engineer to visit your building.
6. Oversee the publication of the report.

Who Undertakes The Feasibility Study?

Following a competitive tender, we have partnered with Crookes Walker Consulting (www.cwcon.co.uk) to provide these feasibility studies. Whilst Crookes Walker are responsible for their own work, our team are working closely with them to check for quality and consistency of the feasibility reports.

How Much Does A Feasibility Study Cost?

The current cost is £1,580 + VAT per report. The NZC 2030 programme has obtained some very limited funding to subsidise this cost for a small number of churches. We are therefore asking eligible Churches to pay the full cost where they can. If this is not possible we are asking them to contribute as much as they can. This will allow our funding to stretch as far as possible.

What Happens Following the Reports Publication?

Our team will be in touch to arrange a meeting to discuss the results and the next steps.

Where Churches identify a recommendation that they wish to develop into a project there is limited funding for engineering support through the NZC2030 programme so, again, we are asking eligible Churches to pay the full cost where they can or contribute as much as possible to develop project designs. This will allow our funding to support those who are less able to contribute. The developed project will then allow Churches to apply for grant funding for any works. Our team can offer advice on potential grant funders.

Where Churches plan to proceed with works in the future our NZC2030 team can help incorporate the results of the feasibility study and any detailed planning into your Churches 'Net Zero Plan', which you will be developing as part of our programme.