

OUR SERVICES

To help potential clients understand the journey to a PassivHaus or low energy building with Ecospheric, we have outlined our services below and divided them into four distinct stages. You may wish to engage us for the first, second or all four stages and once we have discussed your intentions and aspirations for the project, we can follow with a bespoke service offering.

<p>STAGE ONE - PROJECT SCOPE</p> <p>Desktop review & initial ideas Brief desktop review of plans followed by telephone call with client to provide initial feedback, answer questions and discuss current designs/ intentions/ requirements, philosophy of approach, suitability of key technologies etc.</p> <p>STAGE TWO - DEFINING THE APPROACH</p> <p>Passive design review Analysis of the architectural plans focused on passive savings that can be achieved with prioritised design adjustments. Considers layout, thermal mass, decrement delay, spatial lighting, functionality, durability etc</p> <p>Active technology and base fuel review Consideration of technology selection and integration with recommendations made as to approach).</p> <p>Finishes schedule review Highlight products that can be substituted for others with lower cost, lower environmental impact or better performance (capture more thermal mass, improve decrement delay, improve spatial lighting, increase durability etc).</p> <p>Existing building survey (retrofit only) Thermographic survey (includes data collection for PHPP software if required)</p>	<p>STAGE THREE - DESIGN</p> <p>Draft PHPP Modelling (for PassivHaus certified and low energy buildings) Specify all the required products and build ups in the official PassivHaus Institut modelling software to enable informed design and specification decisions. In retrofit scenarios it also includes a model of the existing building to understand starting position. Assumes plans have been provided in .dwg</p> <p>Model finalisation and certifier documentation (for passivHaus certified buildings only) Finalise PHPP model ready for submission to the PassivHaus Institut. Includes discussions with PassivHaus certifier in order to satisfy requirements (making any necessary amends) and coordination of upload of PHPP model to PassivHaus Institut with supporting documentation to obtain Design certificate from PassivHaus Institut.</p> <p>EXTRA SERVICES</p> <ul style="list-style-type: none"> - Sustainability statement - Thermal bridge modelling & Hygroscopic Modelling - Building detailing support service for Architects - Design & layouts for DWH, Space heating, Ventilation & Electrics/Lighting - Applications to connect to Electricity Grid, Mains drainage or Mains water <p>STAGE FOUR - ON SITE SUPPORT</p> <p>Quality Control And Photos For PassivHaus</p> <p>Final Evidence Submission For PassivHaus Certification</p> <p>EXTRA SERVICES</p> <ul style="list-style-type: none"> - Initial 1st fix investigative leak testing (Air pressure test by third party) - MVHR balancing - Attendance at final air pressure test (Air pressure test by third party)
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