



Low Carbon Consultancy (LCC)

Definition

What can a qualified Low Carbon Consultant (LCC) do?

A Low Carbon Consultant Design Specialist can:

- Confirming Part L2A Compliance against all 5 compliance Criteria
- Advise on energy efficiency and conservation.
- Advise on and design low carbon and renewable technologies.
- Use passive design technologies to make the best use of shade and natural ventilation.
- Deliver the information needed to manage the building effectively and ensure that it continues to perform to its design intent after handover.

A Low Carbon Consultant Building Operation Specialist can:

- Reduce a building's energy costs.
- Suggest and implement cost effective energy efficiency improvements to an existing building.
- Incorporate low carbon and renewable technologies.
- Advise on how to develop a corporate social responsibility agenda.

A Low Carbon Consultant Simulation Specialist can:

- Ensure accurate and complete carbon emissions calculations for compliance with Criterion 1 ADL2A.
- Provide the calculations necessary for developing an Energy Performance Certificate.

A Low Carbon Consultant Energy Management Systems Specialist can:

- Establish, implement, maintain and improve an energy management system
- Development of processes and procedures
- Improve energy performance in a systematic way
- Ensure that it conforms with its stated energy policy & demonstrate such conformance to others

Background

In April 2014 the UK Government issued the revised Part L of the Building Regulations. This sets the strictest standards yet for the energy performance of buildings and allowed carbon emissions.

We are working at the forefront of the industry to contribute towards low carbon buildings using principles of good design together with integration of Low and Zero Carbon (LZC) energy sources.

We are proud to participate in the Chartered Institution of Building Services Engineers' (CIBSE) Low Carbon Consultants Scheme.

Objective

- Minimise energy demand
- Use energy efficiently
- Supply energy from renewable sources