



Renewable Energy Consultants

At CAT we have designed and operate a variety of renewable energy systems including wind turbines, hydro-systems and photovoltaics. In addition to these we also use sustainable heating systems which include woodchip and pellet biomass systems, solar hot water heating, Heat Pumps and Combined Heat and Power systems (CHP). All of these feed into our district heating system. Our consultants also teach on the masters degree courses that we hold at CAT and train people to install these technologies on our courses. This provides our Renewable Energy Consultants with firsthand experience and a wealth of advice to offer you concerning not only their installation but also an in-depth knowledge of the maintenance requirements.

Our Renewable Energy Consultants can offer an energy audit which will look into the options available to you for heating and power generation. Our long experience of working and living with renewable energy enables us to provide very practical advice. The assessment will take a broad overview of all factors influencing your energy requirements and consider a wide range of potential solutions to access what is most practical and cost-effective for you.

Our Services

Our consultants can provide specific advice to your project regardless of the size whether you are considering renewables to produce power for a single purpose or whether you are considering running all your heating and power needs sustainably.

- Advice on how to improve the energy performance of your existing buildings.
 - Advice on how to optimise energy use for a proposed new building.
 - Analysis of the pattern of energy use in your business operations or day-to-day living and assessment of how to improve it.
 - Assessment of your site and the renewable energy resources available to you.
 - A feasibility study of whether your renewable energy resource can be practically and economically exploited.
 - Recommendations on what kind of renewable energy systems are most appropriate to match your energy requirements with the available resource.
 - Organisation-wide energy use assessment.
 - Development of training days for you, your technical staff and/or general employees.
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Required Information

We will require further details from you to enable us to pick the right consultant for the job and to ensure that the consultant is familiar with the property before the meeting. The information we will need includes:

- Plans of the building/s.
- An exact location of the property e.g. a post code or ordnance survey grid reference.
- Details of the existing heating and energy systems if any.
- Your energy bills for the past two years if you have them.
- The patterns of usage of the property e.g. out mostly during the day and occupied at night etc. This will allow us to estimate the amount of electricity and hot water that you will need to produce.
- Photographs of the site and building/s.
- A brief description of your project including what you would like CAT to do for you.
- We will also need an invoicing address from you and your full contact details.

If you would like to make an appointment with one of our Renewable Energy Consultants to discuss your project or if you require any additional information, then please contact us at consultancy@cat.org.uk
