



## **Environmental Buildings Consultant**

Our Environmental Buildings Consultant can offer ecologically friendly building advice on both the best techniques and materials for your project. Our experienced and qualified consultant has many years of experience in the green building sector and can provide you with practical and comprehensive advice specific to your project. Although we cannot provide detailed designs for you, we can work closely with your architect to make your building as environmentally friendly as possible.

If you consult us early it will be easier to incorporate environmental principles into the design stage of your building rather than 'greening-up' your existing plans. Often the simplest principles of Environmental Building Design are overlooked during the initial development stage, for example - orientating your building to make the most of passive solar heat gain. If you are considering an eco-renovation of your buildings then CAT Consultancy can provide a holistic approach to your refurbishment project, identifying the potential for producing the most environmental building achievable within the imposed restrictions of the existing building.

Designing a building with its environmental impact in mind not only reduces the building's environmental footprint it also reduces the future running costs.

### **Our Services – Both New-build and Eco-renovation Projects**

At CAT we have some of the world's most energy efficient and water-efficient buildings, some of which achieve energy standards 20 times better than official definitions of best practice! With this practical experience our buildings department can offer expert advice...

...whether you are at the concept development, design or construction stage of your project.  
...whether you are considering an eco-renovation of your existing home or properties.

#### **Concept Development - Development of an environmental brief**

- This can be separate to or incorporated within the standard brief that is prepared for your architect.
- The brief will look broadly at materials and design and will include features representing environmental best practice.
- Suggestions of possible innovative environmental elements incorporated into the design.

#### **Design Stage – Advice on your designs as they develop**

- Identifying the potential for environmental energy and sustainable sewerage services to the building.
- Invite your architect, builder or others involved in the project to attend meetings with our consultant to discuss and explain some of the recommended environmental features.
- It can include listings of suppliers of environmental materials which may be unfamiliar.

#### **Construction Stage – Practicalities of Environmental Building**

- Detailed advice on the installation and use of unfamiliar materials.
  - Information can be provided detailing the maintenance requirements of the specialist building materials used.
  - Ongoing support via telephone or email, site visits can be arranged at critical stages if necessary.
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