



## Mechanical and electrical engineering consultants

### Sustainability

BCM worked very closely with Lancashire Wildlife Trust on their new HQ at Bamber Bridge. The complete range of green solutions were considered and analysed before being incorporated within the design.

#### Lancashire Wildlife Trust HQ

Architects: Corstorphine & Wright Hills Erwin

The highly successful new HQ included a wide range of sustainable features:-

- Wood burning boilerplant to maximise on the use of sustainable fuels
- Rain water recycling
- Natural Ventilation
- Low CO2 Emissions
- Solar water heating
- Variable speed pumps



Lancashire Wildlife Trust HQ

Architects: Corstorphine & Wright Hills Erwin

## Wilmslow High School 6th Form

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Architects: Ellis Williams Architects

The new 6th form block, with high density IT facilities, incorporated a number of major design features. Drawing on our Building Simulation capabilities, we were able to work with the team to develop a naturally ventilated building that would traditionally have been mechanically ventilated and cooled.

The project was designed within budget by carefully targeting where to apply higher cost building elements but which eliminated the need for high cost services installations. This has a knock on effect of reducing life cycle costs.



Wilmslow High School  
Architects: Ellis Williams