

CASE STUDY: Community Carbon Footprinting, Bishops Castle, Shropshire



Bishop's Castle to Active Decarbonisation (BC2AD) was an EST funded project to establish a community led energy service for householders, leading to significant CO₂ savings. The project ran for two years from November 2005 to October 2007. Due to the success of the project, work is still ongoing, led now by community members.

The Household Energy Service developed for this project used a laptop based carbon footprinting and energy surveying tool. During the two year period, over a thousand homes were targeted by a marketing campaign, 308 of which have had detailed energy surveys carried out. The community carbon footprint was found to be 14,919 tCO₂, with an **average footprint per household of 14 tCO₂**. As a result of these surveys and follow up recommendations, 2,790 energy saving measures were installed, yielding annual saving of 171 tonnes of CO₂.

CARBON DIOXIDE SAVINGS

	Annual CO ₂ savings	% of total annual CO ₂
2790 measures	171 tonnes	1%

Measures included items such as low energy bulbs, draught proofing, heating controls, insulation, condensing boilers, micro renewable technologies, switching to green electricity tariffs and the use of locally produced biodiesel.

