

Carbon Management

Identification of Capital Projects for Grant Funding

CLIENT	The Carbon Trust, Northern Ireland, on behalf of the United Hospitals Trust
LOCATION	County Antrim
DATE	March 2005
PROJECT	Energy Survey to Identify Energy Efficiency Capital Projects for Grant Funding



DESCRIPTION

Public Sector organisations in Northern Ireland are eligible to apply for grant funding for energy efficiency projects through the Northern Ireland Public Sector Energy Committee's (PSEC) Central Energy Efficiency Fund. A number of project categories covering various energy efficiency technologies are defined, and bids for funding are invited for projects with capital costs of £2,500 and above, and paybacks of between one and five years for most categories of energy efficiency technology. Eligible payback periods are extended to up to seven years for combined heat and power projects, and up to eight years for renewable energy projects.

Abricon were commissioned by the Carbon Trust Northern Ireland in March 2005 to help the United Hospitals Trust to identify suitable projects to go forward for consideration by the PSEC Central Energy Efficiency Fund.

Three hospitals were visited, and capital projects with a total capital value of £450,000 were identified, giving rise to estimated carbon savings of 1,400 tCO₂/year, with associated cost savings of £142,000/year and a combined payback period of 3.2 years.

Projects identified included decentralisation of steam systems with incorporation of combined heat and power (CHP) and retrofit of enhanced heating controls.

- Longer term issues (within 12 – 18 months).