

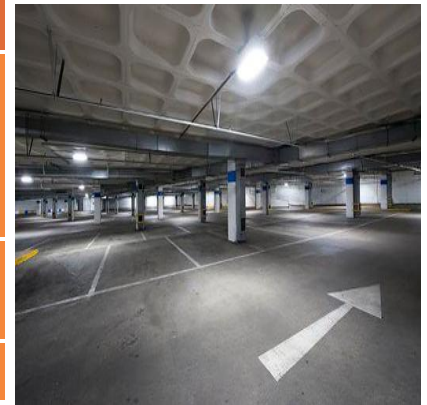
Overview

Cambridge City Council is a partner of the Cambridgeshire Mobilising Local Energy Investment programme. This programme seeks to deliver energy efficiency and renewable energy projects across public sector buildings in Cambridgeshire via Energy Performance Contracting.

Whilst Cambridgeshire County Council has been the leading authority for this £20m energy efficiency and renewable energy investment project they have worked closely with partners, such as the City Council to ensure that benefits of the programme can be made across the County.

Following appointment of Bouygues Energies and Services in August 2014 Cambridgeshire County Council approached its partners to invite use of the scheme. In March 2015 Cambridge City Council identified two Multi-Storey Car Parks (MSCPs), Grafton East and Grand Arcade (excluding Annex) for inclusion in their pilot Re:fit project.

Project:	Grafton East and Grand Arcade Car Parks	
Savings:	£46,000 energy spend reduction per annum (41% reduction) Energy savings of 520,000 kWh (42%)	Around 281 tonnes of CO ₂ per annum saved
Value:	£337,000 investment of retrofit works	Simple payback of 5.94 years
Timescale:	Installation commenced in summer 2016	



The Grand Arcade Car Park

“Working with the County Council and Local Partnership has enabled the City Council to benefit from the Re:fit programme and to successfully work with the appointed contractor, Bouygues E&S UK Ltd, in delivering significant energy saving projects at two multi-storey car park sites. Both car park projects were delivered with cost certainty, clear projected energy savings and completed within very challenging timescales. Having successfully established the process, further projects are now being developed for other sites within the City’s property portfolio.”

Trevor Burdon, Head of Estates & Facilities

Summary of Energy Conservation Measures (ECMs)

The Council’s car park project focussed specifically on large scale lighting and control measures to improve energy efficiency. Bouygues developed full designs at each of the sites and undertook a competitive tendering exercise with local contractors for the installation of works.

Installation commenced during the summer 2016 and will deliver guaranteed energy savings within a 6 year payback period. City Council are now exploring opportunities to extend their programme, specifically focussing on potential for energy saving at their historic building, The Guildhall.

Energy efficiency and financial savings through Re:fit

Re:fit is a procurement framework and support service available to all public sector organisations in the UK. Since 2009 it has been helping organisations to deliver “spend-to-save” environmental retrofit projects that both improve their buildings and, importantly, make substantial guaranteed financial savings.

For further information about the National Re:fit Programme, contact robert.mckinnon@local.gov.uk or phone 07920 702 297.