

Energy Management Income Generation

Richard J Smith
Energy Manager

The Problem

Energy usage, asset information and billing information all stored on separate databases.

The Challenge

Combine all information on one energy management database which can be used by the Council and its partners in a web based application.

Digital Energy



Carbon and Energy Management System



Enterprise Dashboard | Building Portfolio | Document Library

Doncastermbc [System Menu] Richard Smith

Building Dashboard

[Print](#)

Warmsworth Primary School



Warmsworth Primary School
 Mill Lane
 Warmsworth
 DONCASTER
 DN4 9RG
 UPRN - 934869930000

Building Information

- [Address Management](#)
- [Advanced Building](#)
- [Reports Menu](#)
- [Logbook](#)

Consumption by Month

Period: 01/04/2011 - 19/11/2013



Select Units: kWh Raw CO2

Select Meter:

Consumption by Fuel vs. Target (kWh)

Accounting year: 01/04/2012 - 31/03/2013



Benchmarking Operational

Previous
 F Current
 F Future

*Based upon Operational Rating

Benchmarking Design

Costs / Savings / Income

Cost	Savings	Income
£18k	£2k	£80k - £90k Per annum

Savings approx. £2,000.00 per annum (Officer time).

Income generation - £80k - £90k per annum (digital energy is part of an energy management package sold to external partners and schools).

Key Achievements

- Consolidated information.
- Enhanced energy management package which is sold to external customers.
- Provides DEC information.
- Provides the CRC calculation at year end.

Lessons Learnt

- Should have implemented sooner.
- Requires external support to work with ICT.
 - This element accounts for the £18k implementation costs.

Future Plans

To roll out the energy management package to private businesses in Doncaster.

Thank you

Richardj.smith@doncaster.gov.uk

01302 862514