

Nottinghamshire  
County Council

# Beacon Council Scheme: Sustainable Energy

## Case Study: Environmental Reporting System

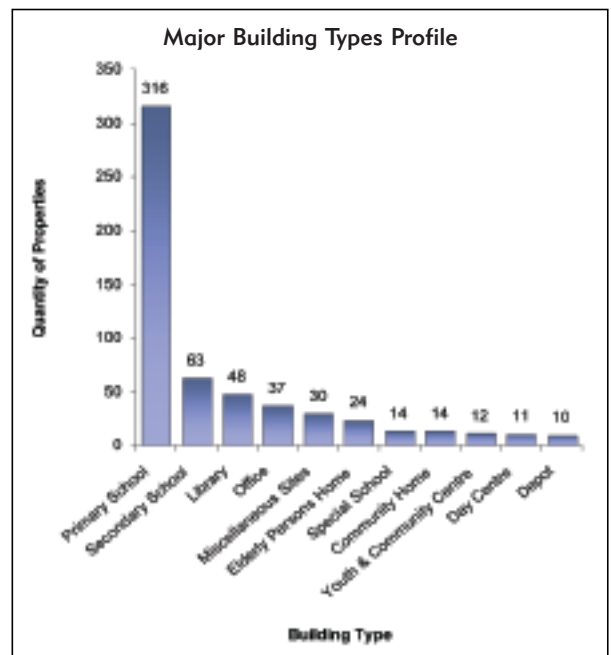
In addition to the Building Energy Management System which monitors our main energy use buildings we have a fully computerised monitoring and targeting (M&T) system in order to evaluate performance at all our 600 buildings. Data from all utility suppliers, which include electricity, gas, coal, oil, biomass and water, is obtained electronically and imported into a specialist M&T system. This allows the monitoring and performance at all our buildings to be compared against national best performance with the ability to instigate corrective action to improve performance.

- benchmark buildings against national and local performance indicators to identify best and worst practice
- monitor and reduce CO2 emissions with custom and standard CO2 reporting
- multi-level searching and sorting on any property or supply parameter
- custom reporting, including: profiling, exceptions, league tables, period comparison, diagnostics, cusum

The system used is Stark Essentials which is a market leading monitoring and targeting software package for multi-site organisations. The system has the following key functions:

The system allows a large degree of user configuration and can be used to handle all data from the utilities for all of our 600 properties. The following chart illustrates the building type profiles for these properties.

- set energy targets and monitor performance
- set accurate energy budgets and control expenditure
- validate and verify bills and recover overcharges
- bulk import of utility data delivered by a fully configurable Data Import program



2005-2006  
Sustainable Energy

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