

## Appendix B: Carbon Management Plan Project List

Project	Efficiency Saving
<b>Project 1 – Energy Management</b>	
Energy represents the largest proportion of the Council's carbon emissions. The proposed projects relating to reducing energy (and water) consumption also require the greatest level of investment – 95% of the total anticipated investment to 2014/15.	
In order to prioritise available funding towards carbon management, the proposed energy management projects have been prioritised based on the level of capital investment required and estimated payback.	
Further details can be obtained from the CM Plan.	
Smart Metering	5% reduction in electricity consumption; also applicable to gas
Water Efficiency	30% reduction in water consumption
Water Monitoring	3% reduction in water consumption
Energy Management System Upgrading	5% reduction in gas and oil consumption
Lighting Replacement	20-40% reduction in electricity consumption (varies based on extent of replacement works)
TRV's	5% reduction in energy (for heat) consumption
Energy Awareness Training	3% reduction in energy consumption
Voltage Optimisation	13% reduction in electricity consumption
Temperature Control	n/a
Cavity, Loft, Pipework Insulation	20% reduction in energy (for heat) consumption
Time-switch controls	n/a
Boiler Replacement	25% reduction in gas consumption
Zoned Heating	5% reduction in energy (for heat) consumption
<b>Project 2 – Waste Review</b>	
Waste Minimisation Measures	Keeping waste growth at 0% (waste disposal cost increases 18% annually)
<b>Project 3 – Fuel/Vehicle Optimisation</b>	
Route Optimisation	5% reduction in fuel consumption
Fleet Review	1% reduction in fuel consumption
Driver Training	5% reduction in fuel consumption
<b>Project 4 – Alternative Fuel Vehicles</b>	
Replacement of two diesel cars with electric cars	Reduces running costs by 18.5p/mile (approx 80% reduction)

<b>Project 5 – Sustainability Assessments</b>	n/a
<b>Project 6 – Awareness Raising Campaign</b>	5-10% reduction in energy consumption
Awareness Raising Campaign	5-10% reduction in energy consumption
<b>Project 7 – Printer Rationalisation</b>	
Printer Rationalisation	5% reduction in electricity used for ICT
<b>Project 8 – Reducing ICT energy consumption</b>	
Reducing ICT energy consumption	1% reduction in electricity consumption
<b>Project 9 – Green Travel Plan Review</b>	
Green Travel Plan Review	10% reduction in costs associated with business travel
<b>Project 10 – Grassland Management</b>	
Grassland Management	5% reduction in petrol consumption