

Annex D - Carbon Management Programme – SIP Project

Progress Update – August 2009

Project		Lead Officer	Anticipated CO ₂ Savings (tonnes)	Actual CO ₂ Savings to date	Estimated Completion date of project	Updated Progress May 2009	Status of completion - RAG (RED, AMBER, GREEN)
1	Integrated transport	Keith Best / Ross Brown	70		Oct 2010	Ongoing	GREEN
2	Joseph Rowntree new build	George Sands	250		Feb 2010	On course with biomass boiler now installed	GREEN
3	Recycling of waste in offices and Schools	Elizabeth Wray	111	477	Ongoing in 2009/10	During 2009/10 we will expand recycling collections to all CYC buildings (potentially a further 40 buildings). Saving estimates will be calculated.	GREEN
4	York High and oaklands	George Sands	904		Nov 2008 School Nov 2009 Pool	School open but no complete data needs 12months to get meaningful data	GREEN

5	Staff behaviour changes, energy champions, smart meters	Gary Christie/ Jacqui Warren/ Annette Clark	820		July 2009 – onwards	There is a 2009 CMP communication campaign commencing from July 2009	GREEN
6	Turn heating down to 19°C in admin buildings, alter heating system time clocks	Gary Christie	120		TBC	This is ongoing and is anticipated to save 120 tonnes year through adjustments made to heating controls. Yet to be implemented.	GREEN
7	Extend EMS/BMS in schools	Gary Christie	204		TBC	Pending Salix Funding	AMBER
8	Improve insulation	Gary Christie	251		TBC	Pending Salix Funding	AMBER
9	Powerperceptor voltage power optimisation	Gary Christie	430		TBC	Monitoring equipment installed at 4 sites. Awaiting results of <u>confirmed</u> savings from Powerperceptor. Completion of projects still pending Salix funding.	AMBER
10	Renewable energy in bollards trial	Ricky Watson	0.15 per bollard	3	ongoing	Trials are on-going and will continue to be piloted. Technologies are being assessed and replacements dealt with on a site by site basis to get best value from investment.	GREEN

11	Renewable energy in bollards potential	Ricky Watson	120		TBC	Trials are on-going and will continue to be piloted. There is a unknown possibility of 100% energy saving from such systems. However costs are prohibitive at this point	AMBERr
12	Efficiency of streetlights trial	Ricky Watson	0.12 (t) 0.0067(t)	0.12	This scheme will be completed by September 2009	Currently CYC is replacing old stock with 1300 mercury vapour lanterns which result in financial savings of 50% per lantern. Total saving of 223080 kw per year or 0.12 tonnes of CO2. Also CYC are trialing The replacement of 32 250 watt lanterns with 150 watt white light on virtual metering and monitoring systems. These systems will give a minimum energy saving of 12480kw for the year or 0.0067 tonnes of CO2	GREEN
13	Efficiency of streetlights potential	Ricky Watson	(24)	Available Late 2009	2008 - 2040	CYC are moving onto a half hourly system to take advantage of using more accurate photocells saving 50 hours a year burning time and more accurate data on consumption.	GREEN

14	Satellite tracking of vehicles trial	Chris Slade	10		TBC	There are currently issues with this contract which are being worked on with the supplier	RED
15	Loft insulation DHP	Mark Grandfield / via Andy Hudson	211		To remove all decent homes failures- October 2009	At the 1 st of April 2008 there were 1650 properties with inadequate loft insulation (less than 250 mm). By 1 st April 2009 this was reduced to 12559 and at present the number is 1023. However the number of homes failing decent homes on thermal comfort is considerably lower. With only 199 properties failing, down from 383 at 1 st of April 2008.	GREEN
16	Replacement boilers TC & DHP	Mark Grandfield / via Andy Hudson	2,926		April 2010	67 Boiler fails at present. Gas inspections to be carried out annually and information is updated from the data on the CP12's. Refferals to be replaced.	GREEN
17	Render 11 blocks of flats DHP	Mark Grandfield / via Andy Hudson	83		August 2010	11 Blocks on rendering programme to be completed before Decent Homes deadline.	GREEN

18	Admin Accom	Peter Appleby/ George Sands	800		TBC	The project will need to have revised carbon saving figures calculated. No details available as yet	AMBER
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