

GENERAL PURPOSES COMMITTEE

Thursday June 26th 2008, 7pm

TABLED PAPERS

Additional Appendix to Item 7 – Audit of Accounts

Carbon Footprint Statement

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Carbon footprint statement

The London borough of Haringey accounts for 3% of the London Population with approximately 225,700 residents (ONS). As pressure grows to provide a sustainable environment for future generations, Haringey Council is taking steps to provide strong leadership both within the organisation, and with external partners and residents, to tackle climate change. Along with the signing of the Nottingham Declaration in 2006, Haringey has now developed a 'Greenest Borough Strategy', providing a strong strategic framework for a coordinated approach to tackling environmental issues, including major work around reducing carbon emissions.

DEFRA (Department for Environment, Food and Rural Affairs) have calculated our Co2 emissions total to be 1116 (kilotons per annum) – split broadly three ways:

	% of ktpa (kilotons per annum)	ktpa	Non-Council	Council
Domestic housing	47%	521 ktpa	430.9 ktpa 83%	90.1 ktpa 17%
Non-Domestic (Commercial and industrial)	27%	305 ktpa	265.1 ktpa 87%	39.9 ktpa 13% (NI 185)
Transport	26%	290 ktpa	286.3 ktpa 99%	3.7 ktpa 1% (NI 185)
TOTAL		1116 ktpa	982.3 ktpa	133.7 ktpa (NI 185 Total: 43.6 ktpa)

NI 185 Target Reduction	
Year1- 2008 2.5%	1.09 ktpa
Year 2- 2009 3%	1.31 ktpa
Year 3- 2010 4.5%	1.96 ktpa
Total 10% Reduction	4.36 ktpa

The government target is to reduce CO2 emissions 60% by 2050 which implies a reduction of 670 ktpa. However, this could increase to as much as 865 ktpa when taking into consideration the predicted growth in emissions from new housing, non residential floor space and increased demand for transport.

The Council's Greenest Borough Strategy is underpinned by a detailed implementation plan setting out proposed activities and projects, to be delivered over the next ten years, that together will reduce carbon emissions in Haringey, as well as protect and adapt the environment to minimise the potential impact of climate change.

Domestic Housing

As approximately one half of all CO2 emissions within Haringey come from domestic dwellings it is clear that this sector will have a vital role to play in meeting CO2 reduction targets.

Key areas of work which will impact on climate change and CO2 reduction targets

- Delivery of £198m Decent Homes Programme - this will fund a range of improvements including new roofs, double glazing, replacing old boilers with new condensing ones and installing better insulation to make homes more energy efficient
- Partnership working with energy providers: £150k partnership programme to improve energy efficiency in private sector homes (cavity walls, draught proofing, energy advice) – advice information for home owners (Warm Front)
- Affordable housing - RSLs within Haringey are also working towards the Government Decent Homes Standard. In addition, all new build is required to meet minimum energy efficiency standards (Level 3).

Transport

Research from the SEA/RENUE Report 2007 revealed that the emissions generated from road traffic consist of 63% cars, 14% HGVs, 12% LGVs, 6% buses and coaches, 3% taxis and 1%, motorcycles.

A SMART working programme report (2008) analysed CO2 emissions from council employee transport and property. It found that the total annual CO2 contribution from commuting transport for the 2985 staff working in the four buildings investigated was 1,385,747 kg CO2 (1.4ktpa). This equates to 464.24 kg (0.00046 ktpa) CO2 per passenger/year. For the 7240 employees of Haringey Council, the CO2 emission contribution can therefore be estimated to be 3,361,097.6 kg CO2 (3.4ktpa) per year.

Key areas of work which will impact on climate change and CO2 reduction targets

- Staff travel plan - the Council aims to reduce the levels of emissions created by staff travel by encouraging staff to use other modes of transport rather than their own private cars
- Electric cars – biodiesel – the Council is investing in electric pool cars and switching to a 5% biodiesel blend for its vehicles. LBH now purchase vans and dustcarts at the latest specification and has switched to purchasing Euro 4 specification vans and Euro 5 specification dustcarts - the most carbon friendly available
- The council are employing qualified driver assessors for council drivers to teach improved techniques in order to use fuel more economically
- Promoting and facilitating sustainable travel – the Council is investing in a range of projects aimed at encouraging and enabling residents to choose more environmentally friendly modes of travel including School Travel Plans, new cycling and walking routes, Haringey Community Transport
- Energy efficient infrastructure = the Council is investing in new energy efficient street lighting throughout the borough

Non Domestic (Commercial and Industrial)

The Council recognises that it needs to lead by example and is now taking steps to audit energy use throughout its buildings, improve energy efficiency and reduce its overall use of accommodation.

Key areas of work which will impact on climate change and CO2 reduction targets

- Accommodation strategy - this proposes a 28% reduction in the council's overall accommodation portfolio from 35,038 m² to 25,414 m².
- Reduce energy consumption in Council buildings - the Greenest Borough Strategy outlines the intention to reduce energy consumption in council managed buildings 10% by 2010. It is also the intention to install automated meter reading equipment in order to increase energy saving possibilities.
- SMART working – a programme of flexible working projects including 'Hot-desking' and home working are designed to reduce building use and overall energy consumption
- Increasing the efficient use of space. A combination of flexible working and new layouts facilitated by modern technology has allowed a decrease in the ratio of workstations to staff (currently 8:10) and a reduction in space utilisation rate (from 12.9m² gross per work station in 2003 to 9.4m² per work station currently). The reduction in work station ratio also results in a reduction in energy using equipment, particularly computers.
- Design and develop a toolkit to provide information and self help tools for businesses in the local community.

GOL (Government Office for London) and DEFRA anticipate that National measures will reduce Haringey's baseline by a further 6.7%. Together with the measure outlined in this statement we estimate an 11% reduction in CO₂ emissions by 2010/2011. This will provide a modest but important start to reducing carbon emissions in the Borough. It is anticipated that as the Greenest Borough Strategy gathers pace and momentum, the Council and its partners will invest in new technologies and practices which will increase the speed at which carbon reduction targets are met.

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