

Environmental Strategy Action Plan 2007-2010

Ref	Aim	Ref	Action	Progress milestone	Outcome	Resource	Owner	Date
Transport (The Aims, Actions, Progress Milestones and Outcomes in this section are covered more fully in the Council's Travel Plan).								
1.1	Improve the Council's own transport policies and practices	1.1.1	Develop and adopt the Tower Hamlets Travel Plan	Council Travel Plan adopted by CMT	Council Travel Plan being implemented	Staff time	MC	July 2007
1.2	Improve the Council's own and our contractors vehicle fleet	1.2.1	Improve fleet emissions	Place new clause in all service provision contracts requiring vehicles to be LEZ compliant	Overall reduction in emissions from fleet vehicles of 80% (compared with 02/03 fleet)	Within existing budgets	JS	Dec 2008
1.3	Improve the travel arrangements of schools in the borough	1.3.1	Increase participation in the Walk on Wednesday and Walk to School programs in schools across the borough	31% schools participating in the Walk on Wednesday by March 07, 36% by March 08, 40% by March 09 and 50% by March 2010 36% of schools participating in the Walk to School Program by March 07, 40% by March 08, 45% by March 09, and 50% by March 2010	Reduced schools contribution to local air pollution and green house gas emissions	Within existing budgets	MC	March 2010
		1.3.2	Continue implementing School Travel Plans in all schools across the borough	60% of schools in the borough to have travel plans by March 07, 80% by March 08, 100% by March 09			MC	March 2009

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Energy								
2.1	Establish the Council's carbon footprint and agree meaningful reduction targets	2.1.1	Produce a report to assess the Climate Change Risk to the Council	Map carbon emissions from all Council activity in 2005/06 and identify a baseline against which future improvements will be monitored	Ability to accurately monitor and target carbon use	Staff Time	LM	Ongoing from May 2007
				Identify risks and options for reducing the Council's carbon footprint, along with proposed carbon targets, to DMT/CMT/Cabinet	Policy and Objectives and targets agreed	Staff time	LM	June 2007
				Carbon Action Plan developed by October 2007 then agreed by DMT/CMT/Cabinet.	Activities planned and management system in place	Staff time	LM	Oct 2007
		2.1.2	Host a Climate Change CPD session for senior managers	Facilitated session to help managers understand and meet carbon targets creatively and inform Service Plans	DMTs agree Action Plans	Staff time	LM	Sept 2007
2.2	Improve the energy efficiency of all council sites	2.2.1	Compliance with EU Energy Performance of Buildings Directive (EPBD)	Develop rating improvement action plans with office site managers at all Council sites with floor areas over 1000m ²	All sites EPDB rated and Action Plans in place	Staff Time & existing budgets	LM	June 2007

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		<p>Agree East India office energy improvement action plan with owners to achieve optimal ratings by 2008 in context of poor EPBD ratings.</p> <p>Council occupied buildings within East India Dock complex to be EPBD optimally rated by 2010</p>	Budget savings from improved energy utilization	Staff time	CA	Sept 2007	
		<p>Deliver all no and low-cost measures identified in the EPBD ratings reports as a 'spend to save' initiative for Council owned sites</p>	Ratings optimized within present investment capacity	Staff time & existing budgets	CA	March 08	
		<p>Produce and display requisite EU Certification on building energy use and carbon footprint in foyers of buildings covered by the Directive</p>	Council in compliance with EPBD	Staff time & existing budgets	LM	April 08	
	2.2.2	Incorporate voltage optimisers in appropriate Admin buildings	Ensure the second voltage optimiser installed at Mulberry Place is connected to the intake supply	c14% annual electricity savings achieved at Gladstone and Mulberry Place	Within existing budgets	CA	June 2007
	2.2.3	Improve plant efficiency	Implement Air Quality Program at Admin buildings to ensure efficient and effective operation of air handling systems and boiler plant	Energy wastage reduced and staff comfort levels improved	Staff time and existing budgets	CA	March 08

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		2.2.4	Implement and monitor a program of switching off lights and appliances outside normal working hours	New protocol introduced for Building Attendants and Cleaning staff by July 2007, with Spot checks initiated by Facility Managers to ensure compliance	FM staff actively involved in reducing office energy wastage	Staff Time	CA	July 2007
2.3	Raise awareness of energy conservation and efficiency	2.3.1	Re-launch the Energy Champions awareness campaign	Role and focus to be examined and a decision made regarding continuation	Decision made by June 07	Staff Time	LM	Oct 2007
		2.3.2	Provide quarterly Energy Performance information for staff	Energy performance reports produced quarterly from March 2007	Staff aware of Council's energy use and their role in its reduction	Staff time	LM	From March 07
2.4	Support primary and secondary schools to meet Best Practice Energy benchmarks	2.4.1	Compliance with EPBD at sites with total floor area above 1,000m ²	Undertake energy surveys at 7 school/college sites with floor areas in excess of 1,000m ²	Buildings rated in accordance with EPBD	Staff time and existing budgets	LM	July 2007
				Develop energy rating improvement action plans with Head Teachers/site managers	Action Plans in place	Staff time	LM	Nov 2007
				Assist schools to deliver all no and low-cost measures identified in their site's ratings reports.	Ratings optimised	Staff time & existing budgets	LM	March 08
				Produce and display requisite EU Certification on building energy use and carbon footprint in building foyers covered by the Directive	Council in compliance with EPBD Directive	Staff time & existing budgets	LM	June 08

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		2.4.2	Energy Management and Targeting at all schools supplied by the Council's Fuel contracts	Resume program of monthly consumption report showing use against target and identifying any anomalous use	Better control of school energy consumption	Staff time & existing budgets	LM	From April 2007
2.5	Promote renewable energy (RE) production	2.5.1	Switch current electricity supplies to 'green' sources for council administrative buildings	New Supply Contracts in place from 1 st October 2007	All Council electricity supplies from 'green' sources	Within existing budgets	LM	Oct 07
		2.5.2	Reduce fossil fuel use in lighting, heating and cooling in council administrative buildings	Investigate the cost and feasibility of incorporating bio fuels, turbines, fuel cell and air source heat pump technologies within the estate to reduce the carbon impact from council buildings and report on options	Council is able to demonstrate public funds are not being wasted on inefficient buildings	Central gov't grant to be identified	CA	2010
		2.5.3	Promote installation of Renewable Energy in the built form	Run a page in East End Life each month to showcase examples of RE in the borough	Increased awareness of RE options	Within existing budget	LM	From May 2007
				Investigate potential for the Council to make grants to assist installation of RE measures	Increased take up of RE	Within existing budgets	LM	Aug 2007

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2.5.4	Investigate the potential for co/tri-generation * and use of renewable energy sources within stock to be managed by the Council's Arms' Length Management Organisation (ALMO)	Report on extent to which estate buildings could form the hub of wider community-based heat/power/cooling networks. Scoping report produced by June 2007	Improved primary energy utilisation at housing estates and in the wider community	Within existing budget	LM	June 07
2.5.5	Central Area Action Plan Environmental Project - implementation of renewable energy technologies in the Central Area of Borough	Preferred Options adopted by Cabinet by September 07	First program of projects underway by 2010	Within existing budget	GT	2010

* Co/tri generation = this means setting up an ESCO, an electricity service company, that would generate its own power, selling the remainder back to the grid to generate income.

Definitions: East India offices = Mulberry and Anchorage House
Admin buildings = Anchorage House, Mulberry, Gladstone, Jack Dash, Ideas Stores, Libraries but *not* Leisure Centres

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Water								
3.1	Reduce the Council's water consumption	3.1.1	Implement water monitoring and develop a plan for improvement	Discuss proposals for water monitoring of Council buildings with landlords. Establish baseline data Review options for implementing water saving devices at key administrative buildings, including 62 Roman Road, Mulberry Place, Gladstone and Anchorage House	Water consumption is decreased	Staff Time	CA	Sept 07
		3.1.2	Watt-Knots energy management consultancy contracted to identify, amongst other things, water wastage amongst all council owned and occupied buildings	Report to be submitted by consultants outlining water saving and cost reduction opportunities	Water consumption is decreased	Staff Time. Zero cost to Council	HP	June 2007
3.2	Raise awareness of water conservation	3.2.1	Develop water saving guidance for Council staff and raise awareness of the issues through a water saving campaign	Investigate water saving measures for staff. Produce guidance note for staff	Water consumption is decreased	Staff Time	CA	March 08
		3.2.2	Raise awareness of how to save water with Council staff and facilities managers	Awareness raising activity/event on World Water Day March 22 nd annually	Staff awareness & engagement increased	Staff Time	CA	March 08/09/2010
3.3	Reduce water consumption in parks	3.3.1	Implement water monitoring and develop a plan for improvement	Create Action Plan to reduce water consumption in the Borough's parks	Water consumption is decreased	Staff time	CS	2010

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Waste								
4.1	Reduce waste generation in all Council owned and managed offices	4.1.1	Develop an internal waste minimization action plan for all Council buildings	Internal waste minimization action plan implemented within Environment and Culture in Anchorage House during 07/08	Corporate Action Plan by Apr 08	Staff Time/ LR	KC	April 08
				Waste minimization action plan implemented across all council buildings	Reduced waste in Council buildings	Staff Time/ LR	KC	2010
		4.1.2	Deliver a training and awareness program and guidance on reducing waste for staff	Training delivered with London Remade as part of above E&C pilot	Increased recycling in Council buildings	Staff Time/ LR	KC	April 2008
		4.1.3	Provide access to a co-mingled recycling bin system for staff	System in place in Mulberry and Anchorage House and Millharbour buildings	Increased recycling in Council buildings	Staff Time	KC	August 07
				Co-mingling system rolled out across all Council owned and managed offices	Increased recycling in Council buildings	Staff time	KC	2010

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4.2	Increase waste recycling in all Council owned and managed offices	4.2.1	Improve recycling of old IT equipment and office furniture	Develop the current system with Dataserve and roll out protocol on office recycling of IT equipment and distribute to all staff	Proportion of IT equipment and furniture recycled is increased (baseline to be established)	Staff time	KH / RC	April 08
				Protocol in place in all remaining administration buildings and to all one stop shops, local housing offices and idea stores	Protocol in place	Staff time	KH / RC	2010
4.3	Increase purchase of supplies with recycled content	4.3.1	See action under procurement (5.1.5)	Baseline established by September 2007. Targets set by Dec 07. Annual audit carried out for Mayor's green procurement code	Measurable increase in supplies purchased with recycled content	Staff Time	RC	Annual audit until 2010

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Procurement								
5.1	Build the principles of sustainability into the way we procure goods and services	5.1.1	Implement a sustainable procurement strategy and action plan	Develop a sustainability questionnaire as part of this review process, to be included in all standard tender procedures	Strategy adopted	Staff Time	HP	Dec 07
		5.1.2	Develop sustainable procurement guidance, including information on recycled content of purchased goods and materials	Guidance distributed to all procurement staff	Target set for % Recycled Content Product purchasing	Staff time/ LR	HP	June 07
		5.1.3	Implement the Flexible Framework of the Sustainable Procurement Task Force National Action Plan 'Procuring the Future'	Reached level 1 of the Flexible Framework April 07 Reached level 2 of Flexible Framework by Dec 09	Improved sustainability of procurement processes	Staff time	HP	Dec 09
		5.1.4	Engage with regional and national good practice programs to incorporate good practice into our own policies/practices	Work in partnership with London Centre of Excellence on their sustainable procurement project to integrate good practice into the development of our own procurement practices	Development of toolkit and guidance. Identification of sustainable procurement training needs	Staff Time	HP	April 06 - April 08

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		5.1.5	Continue to participate in Mayors Green Procurement Code and working with London Remade	Comprehensive internal audit to take place on annual basis and data to be submitted to Mayor's Green Procurement Awards	Increased purchasing of recycled content products	Staff Time	RC	April 08/April 09/April 2010
5.2	Encourage suppliers to improve environmental performance	5.2.1	Encouraging accreditation to a recognized environmental management system	Project Plan developed within sustainable procurement strategy and action plan	Suppliers become accredited	Staff Time	HP	2010
		5.2.2	Submission of company environmental policy in tender responses	Number of audits being carried out of Contractors' environmental policies on annual basis. Target to be set by March 08, audits to begin during 08	Audit plan agreed	Staff Time	HP	Dec 08
One Planet Living								
6.1	Move the council towards principles of One Planet Living	6.1.1	Produce feasibility report of cost and resource implications of adopting One Planet Living principles	Feasibility study submitted for consideration by Director of Environment & Culture	Principles of One Planet Living formally adopted and timescale for action plan agreed	Staff time	RC	Sept 2007

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One Planet Living principles:

Zero carbon

Zero waste

Efficient water use

Sustainable transport

Sustainable and local materials

Local food

Conservation of flora and fauna

Respect for cultural heritage

Equity and Fairtrade

Happy and healthy lifestyles

Key to Table:

MC: Margaret Cooper, Head of Transportation and Highways

LM: Lesley Muggeridge, Energy Manager, Energy Efficiency

RC: Rachel Carless, Sustainability Officer

KC: Kevin Crook, Waste Policy and Development Manager

JS: John Stevens, Transport Manager

KH: Khaled Hussein

GT: Georgina Taylor, Strategy Officer, D&R

CS: Colin Stuart, Head Parks and Play

LR: London Remade.

HP: Service Head Procurement

CA: Service Head Customer Access - Claire Symonds