

## Appendix 5

### SUSTAINABILITY WORKING GROUP (SWG)

MEETING		Residents Meeting Room	DATE	07/12/2011 at 4.00pm
PRESENT		Chairman - Gareth Moore (GM) – Deputy Chairman, Barbican Residential Committee Sarah Hudson (SH) – Barbican Association Sustainability Sub Committee (BASSC) Garth Leder (GL) – Barbican Association Sustainability Sub Committee Robert Doe (RD) - Barbican Association Sustainability Sub Committee Michael Bennett (MB) – Barbican Estate Manager (BEO) Rebecca Marshall (RM) – House Officer (BEO) Tom Carcary (TC) – Resident Engineer (BEO) Paul Kennedy (PK) - Corporate Energy Manager (City Surveyors – City of London Corporation (COL) Jenny Cresswell – Administration Support (BEO - Minutes)		
Apologies		Mick McGee (MM) – Senior Resident Engineer (BEO) Lochlan MacDonald (LM) – Assistant Development Manager (Community & Children’s Services)		
Item no.	SUBJECT/DISCUSSION			Action/Date
1 - Follow up Actions from Technical BEO/ BASSC meeting on 19 October 2011				

1.1	<p><b>Annual kWh per block for heating and common-parts electricity, to complete the Barbican-tailored carbon-footprint calculator.</b></p> <ul style="list-style-type: none"> <li>• Energy data gathered from complete year for all blocks (light and power). Aim to build a carbon footprint calculator which residents can use to work out how much heating and electricity they consume. Using a kWh breakdown, residents can save money and CO<sub>2</sub>.</li> <li>• How can COL promote to residents and what would the benchmark be to ensure carbon footprint reduces.</li> <li>• Suggested House Group meetings on how to save energy, showing residents via electronic means what they can do to change their lifestyles in order to reduce their carbon footprint.</li> <li>• Possible trial for Gilbert House, letter to be presented with FAQs to encourage residents to try and use the carbon footprint calculator. It would be useful to measure these effects and then roll them out across the estate.</li> <li>• Having political support is a good idea and the way forward. Having evidence will mean a higher chance of action being taken.</li> <li>• By bench marking power consumption now, individual blocks can be looked at in a few years' time. Collectively it can be seen what percentage of power can be saved therefore more people will be in agreement and get on board.</li> <li>• Officers presented examples of energy saving measures that have been carried out across the Estate. Agreed that some of the new systems have improved CO<sub>2</sub> emissions, energy and costs.</li> </ul>	BASSC/RM
1.2	<p><b>Obtaining free Smart Monitors for residents' use from EDF – to be followed up.</b></p>	PK
1.3	<p><b>Control Technologies for background heating system egg in use at City of London School For Girls.</b></p> <ul style="list-style-type: none"> <li>• Confirmation of 15% reduction in energy usage for the school. Officers to contact City of London School For Girls.</li> </ul>	MM
1.4	<p><b>LED lamps/Powerperfector.</b></p> <ul style="list-style-type: none"> <li>• Review of payback period converting from existing lighting in communal areas to LED based on an approximate number of lamps for a number of blocks.</li> <li>• COL received many offers to save monies with high upfront costs but not feasible to progress.</li> <li>• Agreed to LED trials for specific areas of Barbican Estate.</li> <li>• Also agreed to trial and review of LED lamps before looking at Powerfactor (equipment designed to optimise and improve incoming voltage and reduce energy costs).</li> <li>• Agreed for trial block (Gilbert House) for Resident Engineers to advise residents on fitting of electronic power monitors,</li> </ul>	MM/TC  MM/TC

1.5	<p>adjusting hot water thermostats and other ways of saving energy for domestic electricity consumption. (Note agenda item 3).</p> <p><b>Articles for Barbican residents on energy-related issues (Barbican Life etc)</b></p> <ul style="list-style-type: none"><li>• BASSC to review which articles to include in Barbican Life regarding how residents can save on energy consumption.</li><li>• Agreed that copy of minutes of this meeting could be included.</li></ul>	BASSC
<b>2 – BRC/RCC committee</b>		
2.1	<p><b>Governance issues</b></p> <ul style="list-style-type: none"><li>• Discussion over proposal to elect Deputy Chairman. All agreed that GL should be Deputy Chairman.</li></ul>	MB  MB/BASSC
2.2	<p><b>Agenda</b></p> <ul style="list-style-type: none"><li>• Confirmed that Simon Mills (Head of Sustainable Development for COL) have a copy of minutes and agenda.</li><li>• Work of SWG needs to be communicated to all stakeholders – reports to quarterly meetings of RCC/BRC.</li></ul>	
<b>3 – Gilbert House trimmer trial</b>		
3.1	<p><b>Letters to residents</b></p> <ul style="list-style-type: none"><li>• Following UCL Sustainability survey in 2011 one of the issues for residents was control of the background heating. Suggested that a trial block would be used to offer residents a programme of trimmer and fuse adjustments in Gilbert House to improve level of comfort and potentially reduce service charges. Meeting to be arranged inviting residents of Gilbert House where Resident Engineers would outline how the background heating worked and options available. Adjustments to background heating and cost savings would be monitored during the winter period. Review and evaluation of the trial would be carried out before reviewing whether to roll the programme out across the Barbican Estate.</li></ul>	BASSC/RM

	<ul style="list-style-type: none"> <li>Agreed invitation letter would be sent to all residents and absent leaseholders.</li> <li>Letter to include meetings for residents would also be offering Resident Engineer's advice on fitting of electronic power monitors, adjusting hot water thermostats and other ways of saving energy for domestic electricity consumption.</li> <li>Letters to also include FAQs from Resident Engineers and agreed by BASSC</li> <li>This trial would make people feel involved and would be beneficial in terms of cost and carbon footprint and could demonstrate to residents where and how energy savings could be made.</li> <li>Trial date TBC.</li> </ul>	RM  RM/MM/TC  BASSC/RM  BASSC/RM
<b>4 – UCL future work</b>		
4.1	<ul style="list-style-type: none"> <li>BASSC met with UCL regarding potential projects for MSc dissertations. Students would sign up for the dissertation projects in December and have results by September 2012.</li> <li>Suggested that next project areas should include double glazing and draft proofing and UCL would be pointed in this direction by modelling energy usage.</li> </ul>	BASSC
<b>5 – Green Deal Consultation</b>		
5.1	<b>Consultation</b> <ul style="list-style-type: none"> <li>Green Deal is government's flagship initiative to retrofit the UK's existing building stock. It is a Pay-As-You-Save approach where finance is provided to households and organisations to install energy efficiency supply measures. Green Deal is for "hard to treat properties" (Barbican Estate being Listed could come under this category).</li> <li>Consultation is until 18 January 2012.</li> <li>What would be the COL response, would they look to partner EDF</li> <li>Officers attending a Consultation overview for London Green Deal engagement workshop in December to report back.</li> <li>BASSC requested COL response to Green Deal consultation</li> </ul>	LM  LM LM/MB
<b>6 – AOB</b>		
6.1	<p>Chairman passed out information on 'anti-particulate work' - a dust suppression trial that has been conducted along the route from Victoria Embankment through to Tower Hill by Transport for London.</p> <p>TfL published a report of the findings in August 2011 which demonstrated a reduction in fine particle concentrations of up to 14%, which is significant. TfL is however quite cautious about the conclusions as it was a limited study and so they have commenced a further trial along this route to see if they can replicate the effects. The web link below provides further information.</p> <p><a href="http://www.tfl.gov.uk/corporate/projectsandschemes/17246.aspx">http://www.tfl.gov.uk/corporate/projectsandschemes/17246.aspx</a></p> <p>COL also working with TfL to trial the dust suppression on a</p>	

	construction site in the City.	
<b>7 – Date of next meeting – Technical and plenary</b>		
7.1	<p>Meetings to be set up month before RCC/BRC committee dates and therefore would be April, August and October 2012. After meeting reviewed dates with Chairman.</p> <p>The Technical/BASSC meetings to be held one month prior to this meeting and would therefore be March, July and September 2012.</p>	<p>MB</p> <p>RM</p>