



## Board for Energy and Environment

### Minutes

**Date:** Monday 8 July 2019, 11.00-13.00

**Location:** B62 Hancock Room

**Attendees:**

Leon Terry (Chair), Ian Sibbald, , Gareth Ellis, Ginny Ford, , Naomi Sandford-Dequincey, Zoe Payne (minute taker)

Minutes		Action
1	<p><b>Apologies</b></p> <p>From Fred Coulon, John Street, Geoff Say, Becky Shepherd, Gio Lusignani and Angus Murchie.</p>	
2	<p><b>Previous minutes – 26 March 2019</b></p> <p>Minutes agreed. Actions discussed as per below:</p> <p>Complaint procedure was raised at PSU Exec. There will be further discussions at PSU level to deal with this.</p> <p>Now a Green Gown finalist – GE to follow this up. GE needs more information on the benefits of biodiversity for well being to support this. Jim Harris may be able to help with this.</p> <p>GE has spoken to Paul Burgess and will seek further feedback as the tree plan is developed.</p> <p>To ensure a handover list is prepared for the next green officer. Ongoing with NSD. She will pass the handover notes to the next student representative Ossa and copy them for GE.</p>	GE
3	<p><b>Objectives and Targets</b></p> <p><b>Current progress</b></p> <p>Environmental objectives progress dicussed for May and tentative for June. Carbon saving 6% but was hoping for a saving of 10%.</p> <p>Waste roughly the same as last year. Last year it dropped by 10%. One contributing factor was a reduced grass cut due to the hot weather. Still on target for next year.</p> <p>GF focusing on food waste on the accommodation side at the moment. Need a campaign for the offices as recycling is poor in these buildings. Cawleys are restricting dry mixed recycling waste stream to recycling to bottle and cans only. This will help the quality of recyclables collected.</p> <p>Sewage works ammonia issue – GE looking at ways to improve on this. There are also problems with suspended solids and cleaning filter beds.</p> <p><b>Approval of Significant Aspects</b></p>	

	<p>ISO 14001 requires that the University's significant aspects are considered when establishing objectives and targets. Currently there are 100's of aspects recorded across SHEL areas which is time consuming to undertake and has little value in improving environmental performance. An Environmental Aspects Assessment has now been undertaken on a University wide level with and refined to 34 aspects. Scoring 9 or over is listed as significant Highest score 27 (5 of them).</p> <p>The Board approved the updated Significant Environmental Aspects register.</p> <p><b>Scope of future targets post 2020/21</b></p> <p>Suggested Targets for CU discussed for carbon, water, pollution etc. Setting new objectives and agreeing context.</p> <ul style="list-style-type: none"> <li>• Relevant to Government Targets and stakeholder expectations</li> <li>• Relevant to our significant environmental aspects, and relevant issues</li> <li>• Aligned with UN Sustainable Development Goals</li> <li>• Comparison with other Universities/Institutions</li> <li>• Estate management and academic activity aligned</li> <li>• Part of University's overall sustainability strategy and corporate plan</li> </ul> <p>Also need to consult staff and students. Need to avoid floating targets.</p> <p>Policy framework discussed around Environmental Sustainability Vision. Showing University Mission and University Core Values.</p> <p>United Nations Sustainable Development Goals – there are 17 in total. GE showed a brochure which Manchester University have produced which shows how they are meeting the goals through a combination of their academic work and the management of their estate.</p> <p>Carbon targets discussed for UK, EU, UK local authorities etc. We are already signed up for BEIS Carbon Pledge. UK Government = Net Zero Carbon 2050. A target for CU of Net Zero Carbon by 2030 was proposed. However we need to understand how we would achieve this target and how we define zero carbon. Not enough space on campus for more tree planting to offset. How many trees? How much would that cost?</p> <p>Resource efficiency &amp; Waste Targets/Goals. How is the government going to measure this? Focus on banning single use items? Sometimes single use items save on waste. Needs to be used in the right way. Evidence needed. Capture rate needs evidence to support statements.</p> <p>Where does the University want us to fit on the table for sustainability? Need actions and consequences on finance resource. GE to write a paper for Executive on a process and timetable for arriving at a set of agreed targets by Summer 2020. Action: GE to produce a paper for Executive in July on the timetable for producing targets followed up by a more detailed Environmental objectives and targets proposal for presentation to Council in the Autumn.</p>	GE
4	<p><b>ISO14001 and ISO50001 Audits and Corrective Actions</b></p> <p>CRC (Carbon reduction Commitment) – the last report has been produced.</p> <p>A surveillance audit was carried out in April and May 2019 at Cranfield Campus, Shrivenham and COTEC. 14 minor non-conformities were found and 9 Opportunities for Improvement. Key findings include the need for more complete EMS internal audits, improvements to contractor induction process,</p>	

	out of hours arrangements for spill response, more thorough documentary follow up for environmental incidents.ISO 50001 – external audit in July 2019. This passed with zero non conformities.	
5	<p><b>Incidents and Communications</b></p> <p>Odour complaints x 2 and one spillage. Spillage was from hangar one where contractor was cleaning his paint brushes in the sink. Sink was linked to a storm drain which then discharged in to the brook. This was reported to the Environment Agency. The sink has since been connected to a foul drain and contractors are to be advised that they cannot clean brushes on site. Action: GE to check other sinks in Hangar 1 and 2 and speak to Richard Hatfield who is mapping drains on site.</p> <p>The Student Switch Off campaign to save energy in halls of residence is losing impact. An alternative promotional campaign is being developed.</p>	GE
6	<p><b>Compliance – SECR (Streamlined Energy and Carbon Reporting)</b></p> <p>This replaces the reporting required CRC. Scope 1 and 2 emissions must be reported as before but now emissions from business travel by car have to be included.</p>	
7	<p><b>Business Travel - Flights</b></p> <p>Information provided by slide – details were provided by Key Travel. SWEE travel for 2018 is double SATM travel. Action: GE to provide the breakdown of details to LT after the meeting.</p>	GE
8	<p><b>Water Strategy update</b></p> <p>Meeting the 2020 target of 30% reduction when the current saving is around 10%. Metering is never back to zero at night indicating leakage on site. It is possible that the 20% extra saving required can be achieved just by cutting out leaks. A potential major source of leaks is toilets, so a program of checking and replacing faulty systems is planned. Leaks in supply pipes to buildings is also a concern but harder to find. An awareness campaign is planned for staff and students to reduce water use. In hot summers a significant amount of water is used to top up Martell House pond and to irrigate flowers. There is an underground tank by B31 which stores rainwater. This will be investigated to see if water can be extracted for irrigation. LT suggested that GE speak to Jerry Knox and Andrew Thompson about direct irrigation.</p>	GE
9	<b>AOB / Close</b>	
10	<b>Next Meeting:</b> Tuesday 22 October 11.15-13.15	