



Minutes of the Board for Energy and Environment

Date: Monday 18 January 2021 @ 2.30-3.30pm
By MS Teams

Attendees:

- Professor Phil Hart Director of Energy and Power, Chair
- Ian Sibbald Director of Finance
- John Street Director of Facilities
- Stewart Elsmore Director of Campus Services
- Geoff Say Director of Finance and Operations, CDS
- Gio Lusignani Director of Information Services
- Gareth Ellis Energy and Environment Manager
- Ginny Ford Environment Advisor
- Angus Murchie Energy Advisor
- Becky Shepherd Environment Officer
- Kate Biggs Environment Officer
- Niall Marsay Student representative
- Zoe Payne Minutes

Apologies: Rosina Watson (Senior Lecturer in Sustainability)

	Item	Action
1.	The apologies were noted.	
2.	<p>Matters arising</p> <p>Welcome to Niall Marsay, Student representative, to the BEE Board.</p> <p>To consider a KPI for kWh. A kWh/m² metric is proposed. The detail of how this will be analysed is being worked out. The options are kWh total or split into electricity and heat and the latter with or without degree day adjustment. Aligning it with DECs and separating out non-building energy use (research activity) is another consideration. ACTION to report at next meeting.</p> <p>The issues of waste segregation r.e. masks was discussed at the last meeting. Cawleys feedback said this was not feasible and not necessary.</p> <p>Amendment to previous minutes. Item 3 travel plan date to be amended from 2015 to 2023. Action: ZP to amend.</p> <p>Item 4 Environmental Management review “Opportunities for continual improvement”. E&E team continue to monitor those priorities agreed in the review, and will update BEE as appropriate.</p>	<p>GE</p> <p>ZP</p>

	<p>New target revisions have been signed off by Council. GE revisit later this year with detailed plan setting how the targets will be achieved.</p> <p>An application Public Sector Decarbonisations Scheme 02/12/21 for £15M to insulated hangars, upgrade district heating and BMS, extend solar farm and install LED lighting was unsuccessful. GE to investigate alternative funding options.</p>	
3.	<p>Energy & Carbon Plan (for approval)</p> <p>A new target for carbon reduction has now been set by the University. This is to achieve net zero carbon emissions by 2030. A detailed strategy for how this will be achieved needs to be completed by Autumn 2021.</p> <p>The University has reduced its carbon footprint by 43% since 2005 and is close to meeting the target of a 50% reduction by 2020.</p> <p>There are still significant opportunities for further energy efficiency improvements and also for renewable energy investments. A greater emphasis on energy cost saving is required as prices have already risen sharply and are forecast continue to do so over the next 5 to 10 years. This will involve energy saving but also the investigation of alternative energy sources and systems with more predictable costs.</p> <p>GE we need to improve energy infrastructure. Covid has shown how inflexible the existing building heating control is. With lecture rooms ventilated 24/7, whole buildings have had to be heated the same. As a result, gas consumption has increased significantly.</p> <p>AM mentioned Salix and pipeline of projects through the scheme.</p> <p>GS – need to take account of covid as everyone the same. There should be no penalties for not meeting target.</p> <p>The board approved the document.</p>	
4.	<p>Travel Plan amendment (new section page 12 re: MKU) (for approval)</p> <p>The Travel Plan was reviewed with some minor amendments suggested, to include an objective “to improve travel links with MK:U”. Additional content about bus services to MKU and also potential for a cycle route.</p> <p>SE commented that reference to the bank and social club should also be removed.</p> <p>The revisions to the Travel Plan were approved.</p>	
5.	<p>Bike hire scheme (for approval)</p> <p>This is a proposal to pilot a bike hire scheme primarily for students. This would be for medium to long term hire over a month, a term, or a year. It would not be for short term 30 minute/daily hire such as with the previously researched Santander scheme.</p> <p>GE described the scheme which would be backed up by charity Cycle Saviours who currently refurbish bikes on site. Outline budget discussed for pilot scheme and full scale scheme. NM said it would be mainly for students to use on site and to cycle to and from Cranfield village. So if they had technical difficulties they could walk the bike back to campus.</p> <p>The Board needs more details. It was agreed the scheme should be further researched and consideration given to allow for a pilot scheme when budgeting for next year. ACTION GE to develop feasibility.</p>	GE

6.	<p>Sustainable Development Goals Accord (for discussion)</p> <p>Sustainable Development Goals Accord. Survey needs to be completed by March/April 2021. Other Universities have signed up for this 1-2 years ago. GE would need to prepare for EAUC online survey March. It covers Welfare, HR, Learning, Research, Student Experience, Energy& Environment, Communications and Finance. GE asked about setting up a working group on this – would the Board support this.</p> <p>PH asked if we could put this off until next year as no point putting in a bad survey.</p> <p>Action: GE to circulate last years' survey to the Board members for comments by the end of January 2021.</p>	GE
7.	<p>Update – progress to targets, incidents, communications (for information)</p> <p>GE – struggle to reach carbon and water targets. The water leaks have got worse. Waste exceeded target. Sewage/emissions within consented limits.</p> <p>There were two Freedom of Information requests relating to the number of EV chargers on site and food waste.</p> <p>A summary of communications and recent Green Team activity was reported. The Student Green Team has been particularly active with a number of projects ongoing.</p> <p>Action: NM to update on the projects in the next meeting.</p>	NM
8.	<p>Audit updates (for information)</p> <ul style="list-style-type: none"> • ISO14001 Audit feedback Upcoming external audits 2021 – these are currently booked as remote audits. • Salix Audit feedback • Next audits – ISO50001 15-17 June 2021. • Next audits – ISO14001 Cranfield dates 22-24 February 2021 and 24-26 May 2021. Shrivenham date 1 April 2021tbc. COTEC date tbc in May 2021. 	
9.	<p>AOB</p> <p>BS - the water cooler people have stopped the majority of the plastic cup orders.</p> <p>NM – there are not many benches in the green spaces around campus. GE/JS - these are in the campus plan but they are mainly in the urban area. GE - there are logs for use as seats on the woodland trail.</p> <p>NM asked if the default could be changed for the search engine. NM/GL to meet separately to discuss this.</p>	