

MINUTES

AGENDA FOR A MEETING OF THE ENVIRONMENT COMMITTEE TO BE HELD DIGITALLY AT 14:00 ON WEDNESDAY 9 FEBRUARY 2022

<p>Present: Prof Andrew Balmford (Chairman); Joey Bream (Research Student – Carbon Footprint); Lee Corke (Catering Manager); Dr Jo Costin (Secretary); David Ewing (MCR Rep 2021-22); Dr William Foster (Fellow); Kate Hargreaves (Head Gardener); Deborah Hoy (Estates Director); Ruairidh Maclean (UCS Rep 2021-22); Jackie Searle (Accommodation Manager); Dr André Cabrera Serrenho (CRA Rep); Tereza Zoumpalova (Clare Goes Green)</p>		
Item (a)	Summary (b)	Action (c)
1 Apologies for Absence	Lizzie Ashworth (Conference and Marketing Associate); Prof Andrew Friend (Fellow); and Geppetto Price (Staff Rep)	
2 Declarations of Interest	There were no declarations of interest.	
3 Minutes and Matters Arising	The minutes of 14 October 2021 were agreed.	
4 Carbon Zero Routemap and Carbon Footprint	<p><i>Carbon Footprint:</i> Joey Barton presented his preliminary findings. The first step of decarbonisation was to understand emissions. Jackie Searle to send additional information on waste / recycling data. The presentation to be circulated with the minutes.</p> <p><i>Memorial Court Gas Consumption:</i> Gas makes up half of the College's emissions, and the Memorial Court site accounts for 45% of gas consumption. Joey proposed a project to study heating demand as part of the current project to look at sustainable heating for Memorial Court. The Buildings team would like to turn down the radiator flow temperatures from 80C to 50C to see what impact this has on student comfort, as sustainable technologies generally run at a much lower temperature. Joey to discuss with Deborah Hoy and Jo Costin.</p> <p><i>Route Map:</i> Approval received in February 2021 to commission a route map to Net Carbon Zero with Element Energy. This work was scheduled to allow Joey to carry out the first stage (baseline data). Joey's research project has a much wider remit than the route map which is to focus on utilities emissions only. The first draft of the route map is expected in time for the next Environment Committee meeting. This will give a high level routemap, aiming for 75% reduction by 2030 and zero carbon by 2038, although it was anticipated that the 2030 target would be tough to achieve. Element Energy have been asked to look in</p>	<p style="text-align: center;">JS</p> <p style="text-align: center;">JB / DH / JC</p>

MINUTES

<p style="text-align: center;">8 Catering</p>	<p><i>Takeaways:</i> Charging for single use containers has been introduced, which is encouraging people to bring in their own.</p> <p><i>Catering Equipment:</i> The College uses gas. The Catering Manager to include changing to electric equipment in the 10 year programme for replacements.</p>	<p style="text-align: center;">LC</p>
<p style="text-align: center;">9 MCR Update</p>	<p><i>Green Impact Energy Data:</i> Initial data received for Clare St Regis. Clare Court data would be more useful to MCR.</p> <p><i>Bike Repair Workshop:</i> Looking at doing this in Easter term.</p> <p><i>Gowns:</i> Tutorial Office has emergency gowns, Ruairidh will pass this on as the UCS are looking to establish a gown bank. There are a number of Fellows' gowns left in Old Court, to discuss disposal with Professor Simon Franklin.</p> <p><i>Divestment:</i> All public investments are now divested.</p> <p><i>Lighting:</i> Settings changed in Clare St Regis following complaints about light pollution at night. Request for feedback from students on lighting there and at Clare Court. The new Buildings Manager (Chris Swaysland) is working on ensuring all bulbs are LEDs throughout College, please highlight any areas where they are not.</p>	<p style="text-align: center;">DE RM</p>
<p style="text-align: center;">10 Staff Representative</p>	<p><i>Borrow-a-bag:</i> In full swing and has been communicated to all students.</p> <p><i>Battery Recycling:</i> Reminder sent out.</p> <p><i>Chapel Cards:</i> Circulated for this term, still seems to be the same amount. William Foster to discuss with the Dean.</p> <p><i>Department Bicycles:</i> Bicycles from the cull all needed work and were sent to OWL Bicycles, a local charity. There were possible issues with maintenance.</p> <p><i>Contracts:</i> Are environmental factors considered in contractor procurement? Generally for smaller contracts (under £1 million) the College did not ask for details, but it could be looked at going forwards and discussed with the University.</p> <p><i>Solar Panels:</i> The College has solar panels on the new builds. Other solar panels may be more difficult owing to planning restrictions. The College purchases 100% renewable energy, and on the larger buildings this comes from Cambridgeshire.</p> <p><i>Staff Representative:</i> Geppetto Price stood down from the committee as staff representative. The Committee thanked him for all his work. It was agreed to approach staff in the Tutorial and Development offices for a new representative.</p>	<p style="text-align: center;">WF</p> <p style="text-align: center;">WF / JC</p>
<p style="text-align: center;">11 Buildings</p>	<p><i>Braeside:</i> The October Estates committee meeting agreed that sustainability was the most important option of three provided (sustainability, ensuites, more rooms). The design went to planning shortly before Christmas, and included all the sustainable objectives (air-source heat-pump, insulation, double / triple glazing).</p> <p><i>Glazing:</i> Around 37% of heat loss is via windows, which can be reduced by double glazing. The ten year</p>	

MINUTES

	<p>programme, starting significantly this year, includes for double or secondary glazing in buildings where there is only single glazing. One elevation of Castle House (large building at the Colony) was included in the 2022-23 programme. This was a significant (£350,000) investment.</p> <p><i>Energy Performance Certificates (EPCs):</i> A large number of EPCs have recently been commissioned at the Colony, and any low hanging fruit will be picked up from these.</p> <p><i>Memorial Court Boilers:</i> Positive conversations have been held with Burgoyne. The Estates Director is also in talks with another consultant who has worked with other Colleges. At present the College is looking at both GSHP and ASHP.</p>	
<p style="text-align: center;">12 Gardens</p>	<p><i>iRecord:</i> A video tutorial was shared by the University, encouraging everyone to contribute to the University group rather than making their own College ones. Kate Hargreaves will send round the link to publicise it, and David Ewing will pass to the MCR social media team.</p> <p><i>Wild Walk:</i> Professor Ed Turner offered to do a repeat Wild Walk. Kate to discuss with him when the best time was.</p> <p><i>Wildflower Areas:</i> These have been increased, including around the Fallen Warrior in Memorial Court and on the DNA sculpture side of the lawn. This will be in a different environment (more shaded) so it will be interesting to see how it performs.</p> <p><i>Clare Growers Association:</i> This is up and running again with great enthusiasm. Kate is in regular contact with the Chair about upcoming works and progressing the site. They have secured a small amount of funding for basic tools and start up materials and they have already contributed to clearing the site of brambles etc. A list of materials has been passed onto Tom Worsley of the Buildings dept. to price up the construction of the raised beds. Kate also shares University and College allotment information with the CGA, to keep drumming up interest and utilise knowledge sharing opportunities.</p>	<p style="text-align: center;">KH</p>
<p style="text-align: center;">13 Sportsground Meadows</p>	<p><i>Biodiversity Survey:</i> An approach was made by Jonathan Shanklin requesting the College consider protecting the entire Sportsground area. However, the current biodiversity shows large areas of rye grass desert. It was felt that the College could not make a commitment never to develop on the actual sportsground, as it might constrain future considerations of the College. However, the College would encourage biodiversity at the edges of the sportsground, in the woods and paddocks. Jonathan Shanklin was planning a biodiversity survey in Memorial Court.</p>	
<p style="text-align: center;">14 Conferencing</p>	<p><i>ARM Conference:</i> The Chair was still keen to have a conversation with ARM about conference footprint, and would like to share Joey's data. A large proportion of the food footprint was from conferencing, with the footprint proportionally much higher out of term than in term. Half</p>	

MINUTES

	of meals sold in the Buttery in term time are vegan or vegetarian, whereas in conferencing it's tiny.	
15 Dates for Next Meetings	5 May 2022 1400	

Distribution:

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Copy to:

MCR President
UCS President