



Board for Energy and Environment

Minutes

Date: Thursday 12 March 2020, 12.15-14.00

Location: B52a Vincent LR 5 Ground Floor

Attendees:

Leon Terry (Chair), John Street, Ian Sibbald, Gareth Ellis, Ginny Ford, Angus Murchie, Becky Shepherd, Zoe Payne (minute taker)

Minutes		Action
1	<p>Apologies</p> <p>From Gio Lusignani, Geoff Say and Zixin Wan</p>	
2	<p>Previous minutes – Thursday 9 January 2020</p> <p>Minutes agreed. Actions discussed as per below:</p> <p>Sink Incidents in B84 has been resolved and a similar sink in B85 suspected to be feeding into a surface drain is being redirected to a foul drain.</p> <p>Spill training at Shrivenham scheduled for April 2020. Training at Cranfield was done in November 2019 and March 2020. COTEC training was completed in November 2019</p> <p>Environment Policy and Energy Policy update document amendments have been completed.</p> <p>AM has sent the Report fuel usage document to GS at Shrivenham.</p> <p>BEE meeting was moved to earlier in March.</p> <p>AM waiting on a reply from Ian Hakon regarding the incident with the new hydro pack which has a high electrical demand and how to ensure all new loads of more than 3KW or with predicted annual usage of more than 5,000kWh are advised to AM in advance so suitable metering can be planned. Action: JS offered to chase to Ian Hakon.</p> <p>No reports of any new high electrical demand equipment since the last meeting.</p> <p>BEE ToR and membership – ongoing with GE and GF. To go through Exec.</p> <p>Action: GE to highlight changes when sending to Julie Morris.</p>	<p>JS</p> <p>GE</p>

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	<p>BS looking at ways at improving recycling in general, with more focus on the students.</p> <p>Electric car charging points. GE has been in touch with a generic charging company called Blue Car. He had a useful meeting with them 10/03/20. They can manage payments for use, provide back up and they can help find government grants etc. GE waiting for a quote.</p> <p>IS and GE working with Lombard regarding low emission cars. A help to buy scheme for low emission and electric cars. Not all makes.</p>	
3	<p>Environmental Targets Consultation</p> <p>GE updated the Board by PP slides.</p> <p>New targets: Consultation, questionnaire, workshops and more information on the intranet under Energy and Environment.</p> <p>Survey reponses: 79. Focusing on Carbon, Waste, Sustainable Travel (communting travel), Biodiversity, Pollution monitoring, Climate Adaption and UN Sustainable Development Goals.</p> <p>There were also six workshops covering with three of these focusing on Carbon, Waste and Water.</p> <p>Proposed changes:</p> <ul style="list-style-type: none"> • Sustainable travel to be amended to clear is focused on commuting. (Business travel is covered under the Carbon target. • Water targets to include per person KPIs as well as per building area in m2. • Biodiversity – add “aim to maximise Biodiversity at Cranfield campus (using DEFRA metrics)” as well as include the target for Net Environment Gain. 	
4	<p>Energy & Carbon Plan</p> <p>Document refreshed from last year. The Projection 2018 to 2020 table on page 7 was discussed. A step change isrequired to move from a 45% overall reduction in CO_{2e} to 50% requiring the SEELS bid discussed below in point 5.</p> <p>Document approved by the Board.</p>	

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<p>5</p> <p>Solar Farm, LED Lighting and Biomass SEELs 2020 proposal (GE)</p> <p>1) Improvements to the District Heating system to switch the hangars from the steam network to the low temperature hot water network and to add an additional 1 MW biomass boiler. Also adding to the network B108 and B051 smaller glasshouse.</p> <p>2) Extension of the solar farm to add a further 1 MW of capacity.</p> <p>3) A number of quick payback LED lighting projects which will help reduce the overall payback if combined with projects 1) and 2).</p> <p>Document approved by the Board. Action: GE-Further details to be worked up, to then be presented to Executive and for other required approvals.</p>	<p>GE</p>
<p>6</p> <p>Communications, incidents and recent audits (GF)</p> <p>14001 Audit requirement. Two freedom of information requests received regarding Food waste and Glyphosate use 2015-19.</p> <p>Four communications / suggestions received by the green team mail box:</p> <ul style="list-style-type: none"> • Food waste at buffets • Cycle to work scheme • Empty chiller left on in Martell when changeover of tenants • Cardboard recycling <p>Incident was reported in B84a regarding 600 litres of Achrom leaking into foul drainage. This resulted in significant quantities of chromium entering the sewage works and from there potentially the brook. It was reported to GF who contacted the EA. They did an assessment which allowed the sewage works to discharge after a temporary hold overnight.</p> <p>Action: GF - meeting is planned with JS and GE to discuss and arrange closer monitoring of tenant environment risks.</p> <p>ISO14001 Environmental Management External Audit 5-7 May 2020.</p> <p>ISO5001 Energy Management External Audit 13-14 July 2020.</p> <p>GF has had difficulty getting reply regarding Airport/Fire Station Audit.</p> <p>Action: GF to chase again and cc: IS.</p> <p>GF/AM looking at compliance evaluation.</p>	<p>GF/JS/GE</p> <p>GF</p>

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7	<p>Earth Day</p> <p>Earth Day 22 April 2020. Plans are being develop to celebrate this at Cranfield to show case all 8 themes contribution to the environment.</p> <p><u>Update:</u> Now cancelled due to COVID-19 (27/03/20).</p>	
8	<p>Leadership Transition</p> <p>LT is stepping down as BEE chair. PH to take up the role. ZP to take minutes at the next BEE in June. Abbi Rockall to take the minutes for the future BEE whilst PH is chairing.</p>	
9	<p>AOB / Close</p> <p>Nothing to report.</p>	
10	<p>Next Meeting: June 2020 – date to be confirmed soon</p>	