



Minutes

Attendees: Alan Davis (co-chair), David Stewart (co-chair), Iain Hunter, Brent Elliott, Thomas Kwadzovia, Erin Pedersen, Jaret Lang, Karsten Purbs, Todd Mundle, Adam Rhode, Caroline Lillico, Gidget Maguire (minutes)

Regrets: Marlyn Graziano, Rebecca Harbut, Karen Terblanche, Ravinder Pal Singh, Betty Worobec, Ellen Pond, Melissa Drury,

Agenda	Discussion	Action Item
1. Introduction	Dr. Davis introduced David Stewart as Co-Chair replacing Iain Hunter.	
2. Agenda	The Agenda approved as circulated	
3. Minutes	The Minutes of January 20, 2021, were approved as circulated.	
4. Facilities Update	<p><u>Landscape Contract</u> – Developing the final Scope of Work in partnership with Horticulture faculty members Betty Cunnin and Dr. Kathy Dunster. Looking at scope adjustments to save on grass cutting frequencies by keeping the grass longer and healthier, the tender document will also ask proponents to identify the use of electric tools in place of gas wherever practical.</p> <p><u>Carbon Neutral Action Report</u> – the Self Certification of our data entry is being completed. The final action report (Climate Change Accountability Report) will be shared with this Committee when it is complete. Preliminarily we have reduced our greenhouse gas by 106 tonnes from 2019. Highlights are that we still need to run the unoccupied buildings to maintain the mechanical systems and basic ventilation, and there is still occupancy in many zones. We dropped from 2,487 tonnes to 2,367 of emissions for building use; mobile energy (fuel for farm school equipment and fleet as well as our emergency generators) use we went from 29 tonnes to 91 Tonnes, largely because of generator use at Richmond for the electrical vault project; office paper went from 56 tonnes to 7 tonnes which is a direct reflection of occupancy.</p> <p><u>BC Hydro Energy Manager Program</u> - Aligning KPU’s deferred maintenance (ageing infrastructure) coming up due for replacement with some of the strategies to get us off natural gas using clean energy alternates. Working closely with Campus & Community Planning to incorporate these initiatives into a rolling three-year action plan targeting some of our major infrastructure like boilers, chillers, rooftop units etc.</p> <p><u>Tree Removal Project (KPU-S)</u> - Bringing together a working group (I. Hunter, M. Graziano, F. Dastur, B. Elliott, and D. Stewart) to review the reports, talk about the work required and develop strategies and a plan to move forward. Aligning with the Campus Master Plan for replanting the trees. We will be establishing an advisory group of key stakeholders to plan the project in the context of an overarching reflection and discussion about the current and future use and development of our exterior grounds and spaces.</p>	
5. Campus & Community	<u>Carbon Neutrality and Electrification of Heating and Cooling</u> - Working closely with Facilities partners, we have completed a number of studies to understand what the	

<p>Planning Update</p>	<p>electrification of our heating and cooling plants looks like and whether we have the capacity in our transformer and electrical rooms to accommodate an increase in our electricity use. And looking at that capacity, what we could do in terms of fuel switching technology. We have taken those ideas and have related them to the MMR to see what is most critical and needs to be done immediately for our buildings to run efficiently, smoothly, and safely. Over the next couple of months, we will be pulling together different strategies to move us towards Carbon Neutrality and will be bringing it up to the executive for their review and decision. With the idea of being carbon neutral by 2050. If there are opportunities to advance sooner, we can look at that.</p> <p><u>Energy Conservation</u> - Looking at ways to reduce our energy use through a number of lighting projects, switching to LEDs in our buildings and parking lots. Working with Hydro to confirm what energy savings would result from these changes and to see if there is funding that Hydro can provide.</p> <p><u>Learning Garden</u> – There is a need to remove trees for life safety reasons at the Surrey Campus. Will work with faculty and staff to plan and identify options of using our natural surroundings as an extension of our classrooms at Surrey as we have at Langley. It also offers additional partnership opportunities with our indigenous communities. B. Elliott will work with D. Stewart and I. Hunter on this.</p> <p><u>KPU 2050 Campus Plan and Sustainability Framework</u> - was passed by BOG on March 31st. Thanks to everyone that assisted in that process.</p> <p><u>Daycare</u> - Developing business case and ideas around a daycare building starting at Surrey Campus. It will be of interest to where it will be located if we get the green light, funding and partnership. Not just for staff and students but a launch of a program for early childhood learning at KPU. We will be looking at Campus Master Plan to see options for locations. Brent has done some options on that for Tara. Future Action Item: Engage this Committee when we have something to discuss for the daycare</p>	<p>Future Action Item</p>
<p>6. Ancillary Services Update</p>	<p><u>Food Services</u> - Current Food Services contract with Sodexo comes to an end on April 30th. The new Food Service provider will be announced shortly. We are looking at organic waste recycling with them and are excited to move that quickly in the next few weeks, seeing if it lines up with the farms from producing food on our farms, selling it, and using the organic waste to fertilize the farms.</p> <p><u>Electric Vehicle Charging Stations</u> – The Feasibility Study has been completed. K. Purbs, B. Elliott, and I. Hunter are engaged in this process and will be using the Scope of Work when looking at the report with the consultant. We looked at campus locations, available grants, electrical systems and what upgrades are required to add those stations. We proposed an additional four stations at Richmond for a total of six to understand what the costs involved would be.</p> <p><u>Fleet</u> – The majority of the KPU fleet are vans and trucks. We know that electrification of those vehicles is coming. We continue to stay on top of that and understanding opportunities for the future, and plan for that. The demand for these vehicles is relatively high for an electric van/truck. See if we can piggyback with one company and get in line. When we roll out our fleet, and they start to expire, we will look at replacing them with electric. We are probably about two years away from securing an electric vehicle.</p>	

7. Procurement Update	The default for us for procurement is to put in the sustainability criteria. We have done it with two things – kitchen equipment and the contract for HVAC and had deliverables included on that contract.	
8. KSA Update	<p>For the last semester, KSA has been focusing on online events and student engagement.</p> <p><u>Earth Day</u> – There were concerns there would be low turnout since it is at the end of exams and no one is on campus, so they did a virtual event that worked out really well. Partnered with KPU Library, and it was very successful with 41 participants attending online for a virtual discussion with filmmakers of a local film about waste issues.</p> <p><u>Eco-Challenge</u> – Virtual challenge where students completed activities on their own and competed for prizes.</p> <p><u>Career Night</u> – In partnership with various other non-profit groups in Vancouver and SFU.</p> <p><u>Westerman Campus Garden</u> – Primarily, KPU Staff maintains the plots this year as there aren't many students on campus. If someone wants a plot or knows someone that does, they can send Erin Pedersen an email.</p> <p><u>Lack of Ongoing Student Led/Volunteer Sustainability Programs</u> – Since there is a lack of these programs at KPU, the KSA would like to develop something, so students have ownership of their projects on campus, like events or informational campaigns. Hope to launch in the Fall, online if not back on campus yet. Working on funds and proposals at this time. Erin will keep this Committee updated.</p> <p><u>Grass Roots</u> - Adam Rhode is the Grassroots and Café Manager and will be replacing Ben Newsome on this Committee. They are working on redoing lighting at Grassroots, which will reduce the amount of power they are using.</p>	
9. Other Business	<p><u>STARS Scoring on Sustainability</u> - As part of the Annual Accountability Report, we have been asked to summarize how KPU is doing regarding sustainability efforts by the end of May. Historically rate ourselves against AASHE STARS credits – sustainable planning credits earning a maximum of 4 points for fundamental documents, principles etc., that have measurable against them. Some new plans will be added, like Campus Master Plan and the Sustainability Plan. B. Elliott will send an email to this Committee setting out the scoring criteria to see if they have anything that can be added. Additional items for next year's scoring could be EDI, remote working/learning, carbon saved from remote working and not going to other campuses for meetings (expense reports).</p>	
10. Next meeting	Gidget Maguire to schedule the next meeting.	