

President's Sustainability Committee

Minutes

June 15th, 2015, 1:00-2:30 pm

TILT 104

Members Present: Carol Dollard – Facilities Management
Stacey Baumgarn- Facilities Management
Farrah Bustamante- Procurement Services
Brian Dunbar - IBE
Aleta Weller - SoGES
Kathleen Henry - CSU Foundation
Doug Max - Athletics
Mark Ritschard - College of Engineering
Jesse Parker – College of Engineering
Jacob Kimiecik - Student Sustainability Center
Jake Drenth - Surplus
Jocelyn Hittle - Denver Operations
Ester Duke - WCNR
Ann Bohm-Small – APC
Bill Timpson – College of Health and Human Sciences
Tony Rappe – College of Natural Sciences

1. Climate Action Plan Update – 20 minutes

- A. CSU's current Climate Action Plan (CAP) is now 5 years old and is in need of several updates and revisions.
- B. The CAP is submitted to the American College & University Presidents' Climate Commitment via an online form. There is a supplemental document online, which outline all strategies and associated costs to the goals of the CAP.
- C. Carol is currently revising the CAP, online form with a written document, most up to date information but not dramatically different.
- D. Carol is encouraging comments/feedback from PSC members.
- E. The City's CAP has been recently revised and their outcomes will help CSU's outcomes.
- F. The goals are listed a short, medium, and long-term. Some of the goals include -
- G. **Cogeneration** - Multiple vendors, including PRPA and City of Fort Collins, have approached CSU to explore a combined heat and power system for mutually beneficial results, which will use the waste heat off of boilers for energy use. (Medium Term)
- H. **Building Efficiency** – The incorporation of more efficiency into all buildings would take a big chunk out of the footprint. Many short term building efficiency goals have been completed by the Energy Reserve Fund. (Medium/Long Term)
- I. **Outreach/Behavioral Engagement** – As Campus Energy Coordinator, Stacey Baumgarn has accomplished engagement campaigns. Smart metering (live meters) are also helping this goal. (Short/Medium Term)
- J. **Decommissioning and Retrocomissioning** – Energy improvements can be sought either in the initial build of a facility (decommissioning) or as a tune up of the mechanical system after the building is online. (Medium/Long Term)
- K. **Solar Facilities** – Facilities just completed an installation of 1200 kw of solar on the rooftops of several buildings on campus. Other long term purchases are being investigated. (Medium/Long Term)
- L. **Fleet Fuel Consumption** – Fleet is a very small piece of the overall CAP but there is a hope for additional electric vehicles. (Medium Term)
- M. **Waste Diversion** – It is a goal to increase recycling rate to 75%, which can be accomplished with minimal effort/funding. (Medium Term)
- N. **Computer Power Management** – Facilities has implemented a computer power management software that has been very successful. Implementing this technology on a broader scale would help this goal. (Medium Term)

- O. **Ground Source Heat Pump** – This strategy replaces a strategy from the 2013 CAP. There is potential to pilot this geothermal heat system at Moby. (Medium Term)
- P. **Single Occupancy Vehicle Commuters** – This will be an evolving section of the CAP as new strategies come up. (Medium Term)
- Q. **Utility Policies** – This strategy involves putting pressure on local utilities to clean their energy stream. The University and the City will both benefit from this. (Medium Term)
- R. **Sequestration** - This strategy is still largely misunderstood but there are emerging technologies that can help us understand it better. (Medium/Long Term)
- S. **Wind Power** – There is interest in harvesting wind power from the ECRC in Akron but there are issues with transmitting the power to Main Campus. (Medium/Long Term)
- T. **New Construction** – Energy efficiency should be incorporated in all new construction for saving benefits. (Ongoing)
- U. **Air Travel** – Air travel is 10% of CSU's carbon footprint. This strategy needs ownership to become a reality. (Medium/Long Term).
- V. **Emerging Technologies** – Emerging technologies can evolve into real technologies very quickly, which can transform the CAP. (Long Term)
- W. Carol is asking for feedback from the members of the PSC. Please return all comments back to her by July 20th.

2. Updates from Members

Jocelyn Hittle – The National Western center will be partnering with NREL to embed energy goals into its overall plan.

Tony Rappe - Tony recently was awarded a \$300,000 grant to teach sustainability in chemistry.

Renee and Bill Timpson – Renee and Bill distributed a sustainability survey last semester, which was heavily focused on environmental sustainability. It is important to couple this survey with STARS for a focused effort. Renee will share the results of the survey with the committee.

Stacey Baumgarn—Stacey is working with the staff of the Morgan Library to form a green team and potentially adopt the computer power management software that Facilities uses.

Jacob Kimicek – The Leave the Plastic campaign was very successful in its first year and will continue to run into next year. Also, Jacob has completed the SSC database he has been working on and would like to share the data at an upcoming meeting.

Aleta Weller – SoGes is hosting 45 high school students in two sessions to interact with professors, researchers, and staff to learn about sustainability. Also, SoGES is responsible for managing CSU's participation as an official observer organization in the United Nations Framework Convention on Climate Change (UNFCCC). Our observer status means that CSU can request that a small number of people receive credentials for the annual meetings of the UNFCCC Conference of Parties (COP), which is the international body in which negotiations for a global climate change agreement take place. We are currently working with CSU nominees for credentials to attend the COP meeting in Paris later this year.

Brian Dunbar – Brian is working on the FoCo Future Forum, as part of UniverCity. Every other Wednesday, there is a community meeting with TED-talk like discussions about the future of Fort Collins. Brian will keep updating the committee about this.

Next Meeting – July 20th, 1:00-2:30, TILT 104