

## President's Sustainability Committee

Minutes

May 19<sup>th</sup>, 2014, 1:00-2:30 pm

TILT 104

**Members Present:** Amy Parsons - Vice President of University Operations  
Carol Dollard - Facilities Management  
Tonie Miyamoto - Housing and Dining Services, Student Affairs  
Tim Broderick - Housing and Dining Services  
Meagan Dechen - STARS Intern  
Tony Rappe – College of Natural Sciences, Department of Chemistry  
Stacey Baumgarn - Facilities Management  
Doug Max - Athletics  
Kortny Rolston – Department of Public Relations  
Jocelyn Hittle - Denver Operational Initiatives  
Kathleen Henry – CSURF  
Aaron Fodge – Department of Parking and Transportation  
Aleta Weller – School of Global Environmental Sustainability  
Scot Allen – Office of International Programs  
Brian Dunbar – Institute for the Built Environment  
Jake Drenth – Surplus Property  
Vance Sherwood – Alumni Association

**Guest:** Mike Rush – University Architect

### 1. Introductions

- Vance Sherwood is the newest member of the President's Sustainability Committee, representing the Vice President of University Advancement and the Alumni Association.

### 2. Chem/Bio Program Plan

- Mike Rush, University Architect, introduced the Chem/Bio Concept.
- The idea of a science complex on campus has been developing for many years.
- Through those discussions, Facilities has developed renderings, program plans, and cost opinions of the Biology building as a stand-alone building.
- The Chemistry building has been designed around a state funding request, and has less square footage.
- Recently, an interdisciplinary building of both Chemistry and Biology has been discussed.
- The Chem/Bio concept will allow more efficiency in design, construction, maintenance, and operation.
- By constructing a combined building on one large plot of land rather than two smaller buildings on smaller plots of land, the University will save construction time and costs.
- The design of the interdisciplinary building includes a central atrium running through the building to provide ample sunlight.
- The interior of the building will look very similar to that of the Scott Bioengineering building.
- The first level of the building will house teaching labs, research labs, and an auditorium.
- The Board of Governors has given approval of the combined project.
- Tonie asked if the Chem/Bio building would have a catabatic tower.
- Mike answered that the atrium potentially could function as a catabatic tower.
- The state often dedicates funding to capital construction projects through the occupancy phase.
  - Amy added that the project cannot depend on full state funding.
  - The state will fund \$15 million for the Chem building and the University Facility Fee was increased to fund \$57 million of the Biology building.
  - Financially, the Chem/Bio concept makes the most sense.
- Funds from the students will not be collected until FY16.

- The Chem/Bio concept is designed to be a high-performing building by using renewable energy.
- The City of Fort Collins will be involved in the entire process of planning and building.
- How CSU has incorporated sustainability into lab facilities:
  - Diagnostic Medical Center - designed and operated as a LEED gold facility
  - Research Innovation Center - Met HPBCP - LEED gold facility
  - Scott Bioengineering - Met HPBCP - LEED gold facility, achieved IDAP and realized incentives
  - CSU is taking incremental steps to build more sustainable buildings because the building costs less to operate once it is occupied.
- Mike stated that the design team is very open to feedback and comments.
  - Aaron mentioned that the proposed building site sees a significant amount of bike and the bike path would be cut off to accommodate the building.
  - He suggested that a bridge through the building, similar to Yates, could help solve this issue.
  - Amy said that the stock judging pavilion is the only building that would be deconstructed.
  - Carol noted the two utility buildings that would be in the way of this construction.
  - Amy suggested that Mike discuss the space that will be left after Chemistry and Biology are combined.
  - The old Chemistry building can be used for teaching labs, and the new building will be used for research labs. It would take around \$32 million to revitalize the existing Chemistry building, but it can be done incrementally as well.
  - Brian mentioned that IBE is helping the city meet the Architecture 2030 challenge, and it is not impossible for the Chem/Bio building to meet Architecture 2030.
  - The fume hoods in chemistry make the LEED status of the building difficult.
  - Mike countered, saying he knows it may take extra commitment and brainpower, but it is possible for a building with fume hoods to achieve a LEED gold rating.

### 3. CSU Travel Shed

- Aaron Fodge introduced the concept of travel shed, which shows the methods used to commute to campus.
  - The map shows which Fort Collins residents are located within .5 miles of a bus route, 91.2% of students are within a ½ mile of the bus system.
  - Within .25 miles of a bus stop, 80.2% of students are served by the bus system.
  - Employees within .5 miles range of a bus route - 82% are served by the bus system.
  - Employees within .25 mile - 60.5% are served by the bus system.
  - 23.3% of CSU employees living in Loveland are within .5 mile of the Flex bus route.
- Aaron showed a database of those employees who just live in Fort Collins.
- He mapped the distance from staff homes to the center point of campus. The number of miles per day traveled (roundtrip) is 20,319 miles.
- Every business has a travel shed, but how can CSU engage employees to shift their transportation methods?
- It was suggested that the highlights of this data be shared with Tony Frank.
- This data could be scaled to be incorporated in the greenhouse gas report.
- Carol commented that the accuracy of the GHG data is based on a self reporting survey so may be less reliable.
- Tonie countered that people can relate to the data of where student and staff live. That data is completely stationary.
- Overall, Fort Collins is benefiting from the public transportation system, but people do not know about the opportunities available to them, as much as they should.
- The survey that Aaron put out this year showed that 10% of the CSU community uses public transportation. This data is very conservative compared to what it could be.
- Someone asked for an online interactive map that generates the bus route from an individual's house.
  - Aaron answered that those resources are already available.
  - Tonie added that maybe a page could be added for specifically Colorado State University.

#### 4. STARS Update

- What do the changes in STARS 2.0 mean for CSU?
  - STARS 2.0 is even broader than the other version of STARS.
  - Even as STARS gets more comprehensive, CSU is still earning more credits through STARS. Most STARS 2.0 goals are achievable for CSU.
  - Why should we participate in STARS?
    - Gain international recognition
    - Generate new ideas
    - Engage the community
    - Create a baseline for continuous improvement
    - Inform strategic planning and budgeting
  - Goals for more involvement on campus
    - Integrate sustainability into the curriculum
    - Make real, measurable progress towards sustainability
  - Megan wants to show a sense of value for STARS and what the University will yield from the process.
  - Carol mentioned that she sees STARS as a great metric for peer institution measurement.
  - Tonie added that she has had people come up to her really excited about CSU's participation in STARS.

#### 5. Updates from Members

- On **Tuesday, May 27<sup>th</sup> from 1:00-3:00pm in the Bob Davis Hall of Moby Arena**, the Stadium design team, Populous and Icon, will present the Stadium project to PSC.
- Aaron reiterated the importance of creating public interest in MAX. Getting word out now to get faculty involved in MAX has a lot of value.
  - Tonie suggested that employees use MAX for outings to stir more interest.
- Over the summer, there will be Friday tours to different restaurants using MAX. Every Tuesday in July, employees will have a guide to take them to a destination for a day.
- Aaron also shared that there is a partnership between the Fort Collins bike library and Parking and Transportation Services. The website will launch soon.
- Jake is looking for volunteers to help sort items at Surplus for the Tent Sale on June 21<sup>st</sup>. Contact Jake for more details.
- Stacey encouraged all PSC members to sign their building up for an energy challenge, if they haven't already.
- Brian shared that IBE has created a new Integrated Sustainability Management certificate program, featuring great instructors, including Jenni Cross from the Sociology department and the Sustainability Coordinator at New Belgium, Katie Wallace. The program requires participants to earn 4 badges to complete the certificate program in Integrated Sustainability Management.
- SoGES will be hosting the Ram Bicycle Classic September 27<sup>th</sup>.
- Jocelyn would like to present PSC with her master plan for the National Western Stock Show Pavilion. She is looking for comments and feedback on the design.
- Housing and Dining Services will be hiring a grey water intern to work in the grey water treatment center in Aspen Hall.
- Tonie added a quick update that Dr. Frank will hopefully attend either the August or September PSC meeting.
- PSC will continue to meet over the summer, to avoid losing momentum.

**Stadium meeting:** Tuesday, May 27<sup>th</sup>, 1:00-3:00 pm, Bob Davis Hall

**Next meeting:** Monday, June 16<sup>th</sup>, 1-2:30 pm, TILT 104