

**Materials linked from the December 1, 2020 Ad hoc Committee on the OSU Carbon Commitment agenda.**

<b>C3 All-University Forum</b>		
<b>Element</b>	<b>Comment</b>	<b>Time Allocation (minutes)</b>
<b>Event Title:</b> <b>Working Title: Carbon Neutral OSU: What YOU Can Do!</b>	Define a topic/title that will 'hook' attendees	
<b>When:</b> January 12, 2021; 10-11 AM		
<b>Objectives:</b>	<ul style="list-style-type: none"> <li>• Inform Oregon State University students, staff and faculty about the 2025 Carbon Neutral Commitment and progress to date</li> <li>• Engage the OSU community in being part of the solution both personally and within their sphere of influence</li> </ul>	
<b>Outline:</b>		
Welcome, summarize establishment of C3, the program's connection to OSU's strategic plan	Faculty Senate President Selina Heppell (confirmed)	5
<ul style="list-style-type: none"> <li>• Explanation of the 2025 Carbon Neutral Commitment</li> <li>• Update on progress, 2020 GHG report, summarize work still to do</li> <li>• Examples of progress within units: College of Forestry energy audit and retrofitting, OSU Library solar panels</li> </ul>	Brandon Trelstad (confirmed)	20
OSU's commitment and future investment in this area	Provost Ed Feser (confirmed)	10
Student perspective	Grace Doleschel from ASOSU (confirmed)	5
<b>Close and call-to-action</b> <ul style="list-style-type: none"> <li>• Sign up for the C3 email list</li> <li>• Department and College level outreach, planning, budgeting, and action</li> <li>• Explain list of resources (emailed in advance)</li> </ul>	C3 co-chairs	10
		50

## C3 Education & Curriculum Working Group Meeting

What: Updates for all projects  
When: Nov. 24, 2020, 11 -12 PM  
Where: Zoom: <https://oregonstate.zoom.us/j/890414736>  
Invited: Working Group, plus Karen Shell  
Attended: Gregg, Cavazos, Dever, Hannigan-Downs, Shell arrived at the end.  
Next meeting: Wed. Dec 9, 2020, 11 am - 12 pm

### Agenda

#### Wrap up projects:

- 1) Design a Climate Change/Sustainability requirement for all OSU students (Gregg Lead)
- 2) Climate Change Course Materials Repository (Dever lead)
- 3) Diploma Visible Sustainability Certificate (Cavazos lead)
- 4) If projects are wrapped up, do we have new project ideas?  
Shall we take a break and join other direct action groups?

### Minutes:

#### **1) Design a Climate Change/Sustainability requirement for all OSU students (Gregg Lead)**

Bacc Core revision committee is working on this. Formal summary is not ready to be disclosed at this time. Jillian provided the group with an informal summary.

##### **Action Items:**

- A. Jillian will meet with additional members from this committee to ensure they remember the C3 goal that all OSU students will graduate as Climate Change and Sustainability literate citizens.
- B. Jillian will find out how to make a portion of SUS and Climate Change Bacc Core Funds go directly to C3 to make OSU more Carbon neutral?

#### **2) Climate Change Course Materials Repository (Dever lead)**

- a. Suggestion from the larger C3 meeting was to post our link to Zotero. Initial thoughts were that the Website was outdated. That led to conversation on how to ensure that our links will remain functional and not be outdated. Thought was to make this check be part of our meeting – to hear that someone has checked the links.
- b. Zotero site has Book and Movie categories that seemed useful but didn't have the relevant and recent climate change links. Thought was to fill out these sections.
  - i. Our spreadsheet has book and movie this in column 3, but they are not fleshed out.
  - ii. Leti showed us how to extend the possible heading links.
- c. Discussion returned to the new goal to keep the suggestions short rather than a summary of all available on the Web.
  - i. Lengthening of Book and Movie sections from b has been tabled, until we learn of a specific need for these.

##### **Action Items:**

- A. Ed will look in more detail to Zotero to see if we would like to post to this site.
- B. Ed will add more links in conjunction with his final lectures.
- C. Ed? Leti? Would be good to get the Link to Brandon before the Larger C3 meeting on Dec. 3.

#### **3) Diploma Visible Sustainability Certificate (Cavazos lead)**

Work on this is tabled until Spring 2021 due to extensive COVID-19 activities of the Sustainability Office.

#### **4) If projects are wrapped up, do we have new project ideas? Shall we take a break and join other direct action groups?**

- Suggestion was made to focus on Green Office certification for each of our units, then reach out to help other units.
- Leti said the Communications subgroup will be rolling out a large plan for this next week.
- Group decided to continue with the action items mentioned and to meet again after the large meeting next week to outline the course of action for 2021.

**Action Items:**

- A. **All Group Members:** Read the formalized charge for our subgroup for direction when considering our next steps.
- B. **All Group Members:** Work to complete Green Office Certification for our Departments and Colleges.

**Sept Item: Needs to be discussed at the next meeting**

- 1) **Some discussion emerged about having a CC seminar series.**
  - a. **Karen Shell said Project Drawdown lead is open to giving talks**
  - b. **Jillian said Michael Mann may also be available.**
  - c. **COVID could be a great time to make this happen and get speakers from all over!**
  - d. **Perhaps come up with a list of OSU faculty available to talk on various topics.**

Next meeting set for Wed Dec. 9, 11 am - 12 pm.  
Adjourn.

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**Reporting and Communications Workgroup Meeting Notes November 25, 2020**

**Present:** Shelly Signs, Lety Cavazos Sanchez, Keith Jayawickrama

**Start Time:** 10 AM

We focused on the C3 Forum planned in January 2021

**Proposed Title:** "Carbon Neutral OSU: What **YOU** Can Do!"

**Format:** Zoom webinar, no charge, can host 1,000 people. Participants will need to register. Based on the registration, we plan to email a one-pager with a "Call to Action" and things participants can do.

**Publicity Plan**

- Write-up for OSU Today: Shelly plans to have a draft to Keith by Saturday Nov 28. The announcement is to go out twice: once in early December, the second on January 8, 11 and 12.
- OSU Main Calendar: Roughly the same as the write-up for OSU Today.
- Internal College and Departmental Newsletters
- Sustainability Newsletter
- One "Inform" message to as many listservs as possible, January 5
- Facebook: Shelly will look to get it on the main OSU Facebook page. Then push to departmental and other Facebook pages by making them co-hosts. Shelly would need the exact names of the co-hosts
- Graphic: Graphic design student at Sustainability Office is working on a graphic to be used in publicity such as the OSU calendar. Will not have text.

**Adjourned:** 11:20 AM

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**Conservation, Efficiency, and Transportation Meeting Notes 11.23.20**

*attendees:* Keith, Cinamon, Maddie, Brandon, Beth (notes)

**Agenda:**

- **updates from projects last spring**
  - green office & green labs (Maddie and Carly, in sustain office)

- survey submissions are much slower during pandemic, many just start and don't finish
- survey of the group, seems like not as relevant now with so many working from home
- labs perhaps worth pursuing as many labs are open. Maddie and Carly will do a marketing push early in 2021 to labs for Green Labs Cert.
- **what should our focus be this year?** what can the workgroup contribute to the C3 that is planned for 2021?
- The Sustainability Office continues to work on studies of **heating and cooling systems to advance efficiency in** older buildings, one of these projects are in the queue or being implemented at all times
- what about hanging onto/**learning from the positive things** about the pandemic and working differently ? what did we gain this year?
  - shared examples of positive experiences of less carbon and more efficient ways to get things done during the pandemic. E.g. organizing Zoom meetings instead of driving hours for the same meeting.
  - we need to "tell stories" along with data we have to measured
  - sustain office can help with data. C3 can help with stories.
  - Conservation, Efficiency and Transportation workgroup could generate a write-up
  - We could then use the Reporting and Communications workgroup to help us get it out, on blog, OSU today Life at OSU, etc.
  - Beth and Cinamon can start a draft idea
- **Forum in January 12 at 10am** - previous idea could be part of it. this forum is going to be follow up from last year when the provost asked college and university leadership to take action. Are colleges and departments following up with carbon initiatives? is it part of their strategic plan?
- what is the impact of the pandemic on commuting and transportation?
- Lety will have the 2020 GHG report soon!
- why is **campus building so much new infrastructure/buildings?** does this bother anyone else?
  - In the 10 year capital forecast there is a net loss of square footage, with several buildings (e.g. Snell) to be demolished and replaced with more efficient buildings.
  - one of the few ways OSU gets new funding from the Legislature is for these capital projects; it's how the state can funnel \$ to "the students" instead of saying using it for tuition. people in general think building/infrastructure is progress.
  - some buildings do need a facelift - **push them to net zero energy.** often the tradeoff is giving up program space and having a smaller footprint (unless you grow the budget). Is this a policy we can help start that all must be net zero buildings? or strategic level goal from C3? **C3 can help in this regard.**
  - [\*path to net zero\*](#) is also an option (Energy Trust of Oregon runs this). Also, solar readiness measures are already in place for all major capital projects; and energy performance thresholds although they are not strict for. And WHO pays for this? there will be a cost (might only be 1% but still \$)
- **solar installation** costs are dropping, are there opportunities to expand solar capacity? Such as an investor willing to install solar and sell us clean power cheaper than our current supply (63% coal fired)? OSU has considerable extents of bare land in vicinity of Corvallis campus.
  - Yes, we look for partners but it causes more hurdles
  - Brandon will know more in late December 20/ January 21. He is in the last weeks of agreement/template (10 years) with Oregon Clean Power Cooperative for install solar on multiple OSU facilities
  - 3 solar panel spots: Library, wave lab, NWREC (the last two are happening soon/ library is later)
  - library is getting a roof this summer, needs to happen first, structural issues or limitation (weight and structural) might be less than 200,000 watts
  - *partners don't want to do the tax credit process and then wait 9months+ to build it*
  - Wave lab - not sure how much yet

- NWREC experiment station in Aurora. Includes research too so potentially more hurdles.
- want to try and lock in the 2020 tax credit rate of 26% but perhaps we will see a higher rate in 2021. Currently, 2021 rate is set to be 22% unless changed by congress or Pres. Elect Biden.
- what about private investors? Brandon is working the Oregon Clean Power Co-operative. We could attract some small investors (minimum investment \$1,000) as part of the OCPC ; but there could also be bigger investors . If we find an investor, we sent them to the OCPC so campus doesn't have deal with investors
- Examples of private investors funding solar projects
  - <http://www.solarcapitalfinance.com/>
  - <https://scf.com/solar-for-schools-universities/>
  - <https://www.cit.com/commercial/industries/energy-finance-solutions/>
- Maybe we need donors ? Could work, but we might be competing with the university's (OSU Foundation's) main goals of getting scholarships and faculty positions funded by donors.
- We are paying \$6 million per year to buy electricity from Pacific Power. If we bought \$3 million worth of clean (solar\wind) electricity of that \$6 million from a Power Purchase Agreement instead, there would be no net cost to OSU, the investment would be by private capital, and our carbon emissions would go down significantly.

Sustainability Office - is their time a limiting factor on things like pursuing greater solar capacity? actually its others on campus like the Building Controls Shop (heating and cooling) to help get things done. OCPC is also backed up right now with investors wanting to agreements completed and a down payment made before end of 2020

**NEXT MEETING** - Find a time **week of December 15-18**/Brandon can share more details about campus capital constructions process and tie in of energy efficiency and getting to net zero. We want to see if C3 can be a voice on things like tightening the Energy Rule and requiring that any new buildings \ major renovation include major reductions in energy use. Beth can do a doodle poll for this working group and include those in the whole C3 who really want to attend, after Dec 1 meeting.