Council Members Present (online):

Carlo Colella, Vice President for Administration and Finance (Chair)
David Cronrath, Associate Provost
Maureen Kotlas, Executive Director, Department of Environmental Safety, Sustainability & Risk
Scott Lupin, Assoc Dir., Environmental Safety, Sustainability & Risk, & Dir., Office of Sustainability
Bryan Quinn, Director of Technical Operation, Department of Electrical & Computer Engineering
David Cooper, Assistant Director of Operations, Division of IT
Eric Wachsman, Prof., Materials Science and Engineering and Director, MD Energy Innovation Institute
Joe Sullivan, Professor and Associate Dean, College of Agriculture and Natural Resources
Jelena Srebric, Professor, Mechanical Engineering
Jana VanderGoot, Assistant Professor, Architecture
Candela Cerpa, Undergraduate Student Representative
Aditi Dubey, Graduate Student Representative

Guests Present:

Mary Hummel, Assistant Vice President, Student Affairs
Don Rushing, Acting Director, Engineering & Energy, Facilities Management
Susan Corry, Energy Conservation Manager, Engineering & Energy, Facilities Management

Meeting start time: 12:00pm

Meeting Highlights

Sustainability Fund Review Committee – Proposed Revisions to Bylaws

Mark Stewart, Sustainability Manager and Sustainability Fund Coordinator, presented the Sustainability Fund Review Committee's recommended amendments to the committee's bylaws. The main reasons for revising the bylaws included giving the committee the authority to propose changes to the Student Sustainability Fee rate and updating the bylaws to better reflect current practices. See attached slides for an overview of substantive changes.

The Council had some discussion on paragraph two under Section 1.2: Duties of the Committee, which was presented to the Council as:

> Changes in the fee should reflect the will of the student body, in accordance with the primary purpose of this fund. As such, the committee shall seek the advice of Student Government Association (SGA) leadership and other relevant student leadership in recommending any changes.

The committee shall also follow the result of any formal votes or recommendations regarding the Student Sustainability Fee from the SGA Legislature.

Council members were concerned that "other relevant student leadership" was not specific and left too much room for interpretation. Council members were also concerned that this line, "the committee shall also follow the result of any formal votes or recommendations regarding the Student Sustainability Fee from the SGA Legislature" would remove the committee's authority to make its own decisions. The Council voted in favor of amending that paragraph to read:

Changes in the fee should reflect the will of the student body, in accordance with the primary purpose of this fund. As such, the committee shall seek the advice of Student Government Association (SGA) leadership in recommending any changes.

With that change, the Council unanimously approved changes to the bylaws.

UMD Carbon Neutrality – Continued Discussion

Mark Stewart, Sustainability Manager, Office of Sustainability, presented a recap of a discussion-draft plan that the Council discussed during its last meeting to move UMD's carbon neutrality goal from 2050 to 2025 or earlier. Carlo Colella and Scott Lupin then led a discussion.

Discussion:

- Carlo Colella: The Council owes a formal response to the President regarding the SGA's request. What form would that take?
  - Scott Lupin: We can provide a summary of existing progress towards neutrality goal, along with a specific recommendation on how to achieve SGA's requested goal, including estimated costs based on 2019 carbon offset prices. We would want a consensus decision on 2025 date and neutrality strategies from the Council.
- Jana VanderGoot: What research is happening on campus re: carbon containment/restorative technologies? Should we support an interdisciplinary effort or working group about restorative techniques?
  - Eric Wachsman: Lots of research on energy and carbon capture, mostly federally-funded with contracts.
  - Sally DeLeon: Global Ecology Lab (GEOG) is doing research with State of MD on natural carbon sequestration methods (forests, soil in future) on UMD-owned properties which was funded by the Sustainability Fund.
  - Jana VanderGoot: Seems like an opportunity to put more expertise into building a toolkit and becoming a leader-- making money, creating markets, being a research leader.
  - Scott Lupin: UMD is working towards replacing energy goals with new and stronger ones. Important because internal operations should drive down footprint and reduce number of offsets needed. Can achieve with software building controls, emerging technologies.
- Carlo Colella: We have talked about it a lot as a Sustainability Council, but I want to make sure that it's communicated beyond that this is not an either-or option. I see this as sort of a both-and. We have been charged with answering a specific question and I think we need to answer that, while at the same time outline, at least at a high level, the multitude of things that we are doing across the board to reduce our direct emissions and so forth. So, I feel an obligation to respond to the president from the Sustainability Council specifically to the request that was put forth. There was a workgroup report, and perhaps--with an introductory memo that would accompany that-- that would incorporate in the introductory memo some of the things that we are talking about and even

encouragement of further research in certain areas and so forth, that when we are making a recommendation forward, that I think as a practical matter for 2025 (or sooner or even shortly thereafter) is going to include purchasing of some offsets, that we identify that goes hand in hand with our continuing effort to advance the science and improve our own operations so that what remains to be offset is minimized as much as is practical. My suggestion at this point is to ask Scott and staff to try and put together in a recommendation letter to the President from the Sustainability Council some of these thoughts, append to that the work group report of the work group to the Sustainability Council. Then we can as a body can circulate that for review and comment electronically, and then either at the next meeting or perhaps ahead of that, act on that so that we can deliver a response to the President as was requested.
- o   Scott Lupin: OS is happy to put together and circulate short recommendation document.
- Eric Wachsman: I would be happy to make presentation on current on-campus research at a future meeting of the Council.
  - o   Carlo Colella: That would be great, thank you.
- Carlo Colella: Concluded topic by saying we will be circulating a letter for response soon.

Overview of Sustainability Outreach Programs at UMD

Tanvi Gadhia, Outreach Coordinator, and Mark Stewart, Sustainability Manager, presented an overview of outreach programs including Green Terp, Green Chapter, Green Office, Green Labs, Sustainability Advisors, and Sustainability Teaching Fellows. See attached slides.

Open Forum

- Maureen Kotlas: It will be interesting to see the sustainability impacts of shutdown/teleworking.
  - o   Sally DeLeon: Maryland Transportation Institute received funding to study transportation impacts. Please share if you find other groups on or off campus that are compiling findings.
- Sally DeLeon: Working with Admin Modernization Program for ZEV infrastructure study. Prescreened three consultants for planning study. Currently developing a scope of work. Working with procurement on assessing current contracts.

Adjourn 2:00pm

Proposed Changes to Sustainability Fund By-Laws

The Sustainability Fund Review Committee voted unanimously to amend its by-laws in order to:

1. better reflect current operational practices that have developed over the past few years

2. create a process to review and make recommendations concerning the Student Sustainability Fee since a formal process does not exist and the fee has not been adjusted since its inception.
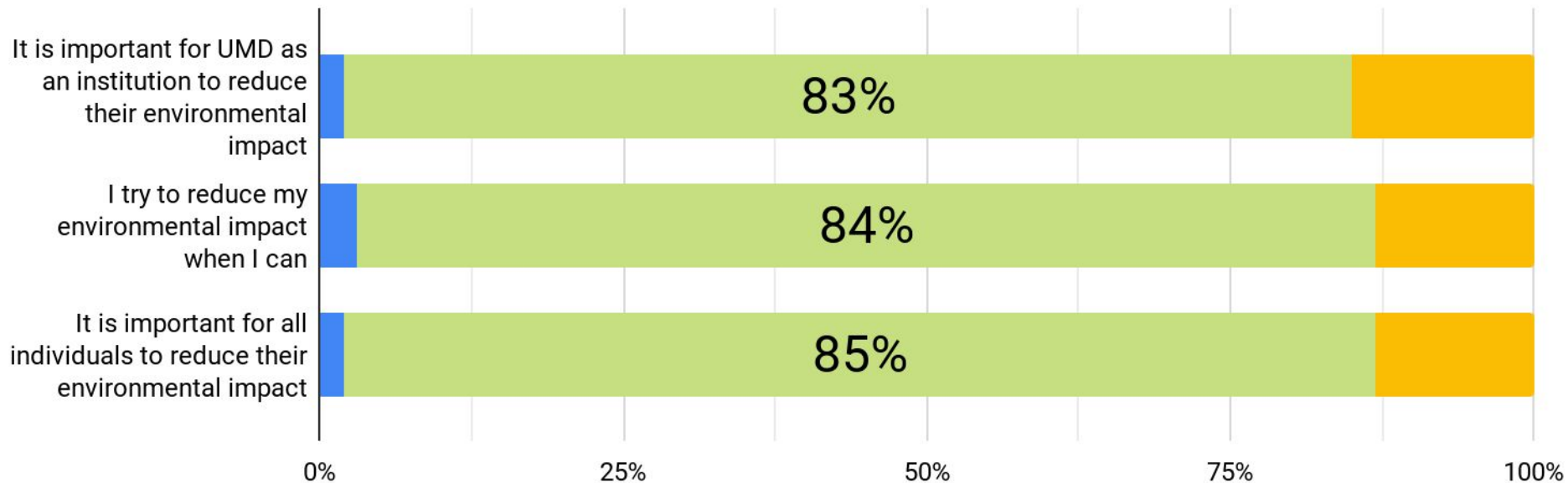
Summary of Substantive Changes, part 1 of 2

1. The mission statement now reflects the specific criteria that projects must meet to be eligible for funding.

2. The Sustainability Fund Review Committee's charge now includes recommending adjustments to the Student Sustainability Fee rate.

    *   Recommendations are forwarded to the Sustainability Council

    *   "Changes in the fee should reflect the will of the student body, in accordance with the primary purpose of this fund. As such, the committee shall seek the advice of Student Government Association (SGA) leadership and other relevant student leadership in recommending any changes. The committee shall also follow the result of any formal votes or recommendations regarding the Student Sustainability Fee from the SGA Legislature."
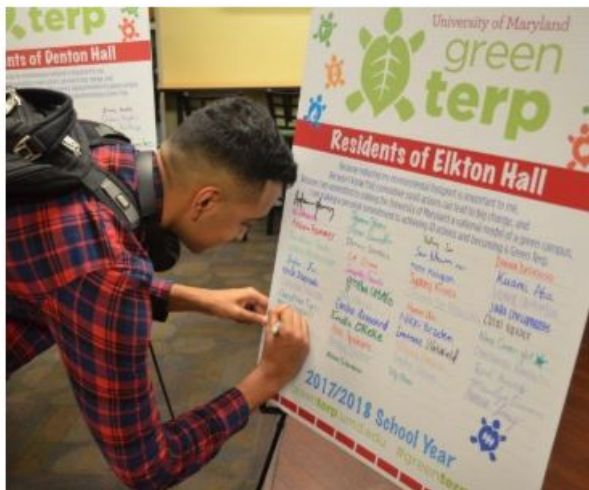
Summary of Substantive Changes, part 2 of 2

3. Removes requirement that student members of the committee (other than the chair) be nominated by the Senate, SGA, or Office of the Vice President for Student Affairs.

   - Keeps requirement that student members are appointed by the Chair of the Sustainability Council in consultation with the current chair of the committee.

   - Keeps requirement that the chair of the committee is the Undergraduate Student Representative of the Sustainability Council, who is nominated by the Senate, SGA, or Office of the Vice President for Student Affairs.

4. Removes requirement that a non-student member of the Sustainability Council, other than the Director of the Office of Sustainability, serve on the committee.

5. Minor text and date changes to reflect current practices.

disagree ■ **agree** ■ **neutral** ■

It is important for UMD as an institution to reduce their environmental impact	83%
I try to reduce my environmental impact when I can	84%
It is important for all individuals to reduce their environmental impact	85%

0%   25%   50%   75%   100%

COMMIT

TAKE ACTION

CERTIFY

1) Sign up to commit to make sustainable choices on campus and in your life

2) Choose at least 10 actions from our list, with resources on how & why to take action

3) Pick a prize: portable, reusable bamboo cutlery, steel straws, or making a donation

Step 1

Register & appoint or elect
a Sustainability Chair

Step 2

30% of chapter members
certified as Green Terp

Step 3

Implement three chapter-
wide actions