

President's Commission on Carbon Neutrality

Commission Meeting #25 6/5

5 June 2020 /2:00 PM/ Remote Meeting

ATTENDEES

Hank Baier, Liz Barry, Andy Berki, Valeria Bertacco, Steve Forrest, Austin Glass, Jennifer Haverkamp, Drew Horning, Greg Keoleian, Larissa Larsen, Jonathan Overpeck, Barry Rabe, Camilo Serna, Anna Stefanopoulou, Logan Vear, Lisa Wozniak.

Regrets: Anthony Denton, Brandon Hofmeister, Missy Stults

NOTES

UPDATES

PCCN Second Progress Report

The Commission released its second progress report on June 4, 2020. The progress report has since been sent to President Schlissel, the U-M Regents, and the U-M Executive Officers. Read the report [here](#).

Integral Group Heat and Power Infrastructure Analysis

The Integral Group will complete its [analysis of U-M's heat and power infrastructure](#) and deliver a final report to the Commission by the end of June 2020.

Summer PCCN Retreats

The PCCN would ideally have in-person full-day retreats over the summer, but given the COVID-19 crisis and necessary social distancing, the PCCN will instead continue meeting virtually over the summer and plan full-day in-person retreats for the fall, conditions permitting. An ad hoc group has been formed to consider how best to organize the summer sessions so as to maintain momentum.

INTERNAL ANALYSIS TEAM Q&A SESSIONS WITH THE PCCN

The Commission meetings throughout May and early June have been dedicated to giving commissioners the opportunity to consult with the internal analysis teams (IAT) on their draft final reports, which will inform the Commission final recommendations. Each team was given 10 minutes to present an overview of their work, followed by a 40-minute question and answer session.

Given the internal deliberative nature of the sessions focused on the IAT reports, these discussions are not summarized here. More information regarding the work of the IATs is available in the [PCCN's second Interim Report](#).

After review by the commissioners, the IATs will edit their reports to ensure accuracy and clarity and address questions raised by the PCCN. Final IAT reports will be made available on the PCCN site as well as included as appendices to the PCCN's draft final report.

For the meeting summary from the first six IAT sessions, see [here](#).

BUILDING STANDARDS IAT

Faculty Co-leads: Profs. Lars Junghans and Jen Maigret

Student Research Assistants: McHugh Carroll, Hannah Irish, Mitchell Mead, Shuhaib Nawawi, Nicole Rusk, Kay Wright

The buildings standards IAT looked broadly at the evolution of existing building codes as well as emerging codes to develop a specific set of recommendations for building standards and practices with an emphasis on carbon emissions reductions. The team's final report and recommendations focused on five topic areas:

1. Maximum emissions targets for new construction
2. Improved emissions targets for major renovations
3. Improved water efficiency and site design standards for new construction
4. Updated Facility Condition Assessment (FCA) Program for renovations and energy conservation measures
5. Net-zero residential construction opportunities for cold climates

EXTERNAL COLLABORATION IAT

Faculty Co-leads: Profs. Andy Hoffman and Trish Koman

Student Research Assistants: Gopichand Alla, Amelia Brinkerhoff, Zoie Chang, Wenjie Liu, Erin O'Shaughnessy, Joseph Samulski, Anya Shapiro

The external collaboration IAT was charged with evaluating opportunities for collaborations focused on scaling and replicating high-impact solutions. Their final report outlined key findings from their survey of over 150 stakeholders, and focused on the following four main subject areas:

1. Organizational capacity for external collaboration
2. Targeted network mapping and external engagement
3. Tailored carbon neutrality communication and education programming
4. Expanded opportunities for external stakeholder input.

The Commission will next meet on June 26 where they will hear from the Integral Group on the heat and power infrastructure analysis.