

Environmental Advisory Committee
Climate Action Plan Review

Workshop 1.1
**The Last 10 Years of Climate Action
at Carleton**

October 16, 2020

Welcome & Introductions (George)



LIVING IN GREATER HARMONY WITH NATURE

Will require changes in human behavior as well as other radical changes that may take decades to achieve.

Since we cannot return to ancient times, can we at least use lessons from those times to bend modernity in a safer direction?

These are questions to be answered by all societies and their leaders, philosophers, builders, and thinkers and those involved in appreciating and influencing the environmental determinants of human health.

DR. DAVID M. MORENS & DR. ANTHONY FAUCI

"Emerging Pandemic Diseases: How We Got to COVID-19."
Cell 182, 3 Sep. 2020, pp. 1077 - 1092.



Framework for 2020-21 EAC Work (Martha)

- The EAC does not have a formal charge from the college to rewrite Carleton's Climate Action Plan (CAP), but we recognize that times have changed and progress has been made - it is time for an update.
- It is within the EAC's purview to conduct an internal review of Carleton's progress to date and recommend future CAP vision and actions.
- The EAC report of recommendations can be used to:
 - foster broader campus communication and feedback
 - propose next steps for Carleton to take and/or fold into a new plan
 - introduce ideas to Carleton's future President and Dean
 - inform and integrate with other upcoming Carleton strategic plans

Framework for 2020-21 EAC Work (why now?)

COVID-19 is among the most vivid wake-up calls in over a century. It should force us to begin to think in earnest and collectively about living in more thoughtful and creative harmony with nature, even as we plan for nature's inevitable, and always unexpected, surprises.

Dr. David M. Morens & Dr. Anthony S. Fauci

"Emerging Pandemic Diseases: How We Got to COVID-19." *Cell* 182, 3 Sep. 2020, pp. 1077 - 1092.

Meeting Protocols (Alex)

- Process for today
 - Brief overview
 - Discussion 1) Progress to Date 2) CAP moving forward
 - Wrap up
- Using the chat to ask questions
- Guests welcome! Please use the chat feature to ask any questions. We will do our best to answer.
- “Bike Rack” for certain items, some can be addressed in Phase II
- New CAP Review section of the [EAC website](#), search “CAP Review” in the Carleton search bar.
- Permission to record




EAC Website (Alex)

***YOU** are the campus ambassadors for this process and its outcomes!*

Please invite your colleagues and campus organizations to review the online materials, provide feedback, and attend EAC meetings as guests.

Environmental Advisory Committee | **Climate Action Plan (CAP) Review 2020**

Environmental Advisory Committee
Climate Action Plan (CAP) Review 2020
Workshop 1.1: The Last Ten Years of Climate Action at Carleton
Workshop 1.2: The Role of Higher Education (& Carleton) in the Global Climate Crisis
Workshop 1.3: Climate Action Plan Structure & Framework
Workshop 1.4: Climate Action Plan Administration & Implementation
EAC Charter
Committee Membership
EAC Minutes
Stewsie Awards
EAC Budget Guidelines
EAC Resolutions
EAC Annual Reports
History of the EAC
History of the Environmental Statement of Principles



The 2011 Climate Action Plan

The Environmental Advisory Committee (EAC) is discussing and advising on updates to Carleton's 2011 Climate Action Plan during the academic year 2020-2021. The EAC will:

- Review past progress and goals of the 2011 Climate Action Plan (CAP)
- Identify gaps in the 2011 CAP and advise on how to address them
- Recommend high-level goals and updates to the CAP sections

<https://www.carleton.edu/committees/environmental/climate-action-plan-cap-review-2020/>

Overview of 2011 CAP

Simran Kadam & Jacyn Schmidt

Carleton's 2011 Climate Action Plan

Carleton's 2011 CAP is divided into two sections:

- Campus Operations
- Education & Outreach

CAP strategies are presented in two different formats:

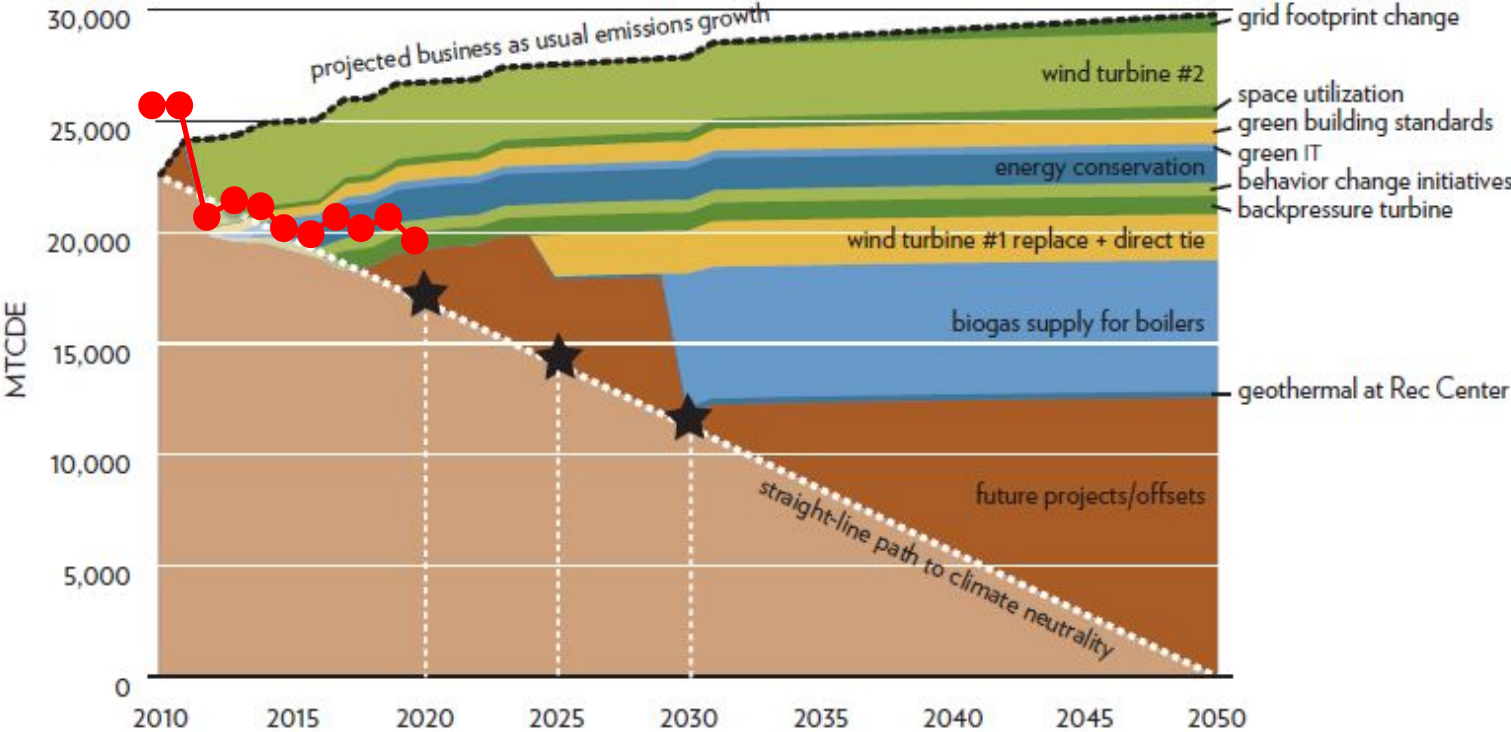
- Carbon Reduction Wedge Chart
- Recommended Actions



Carbon Reduction

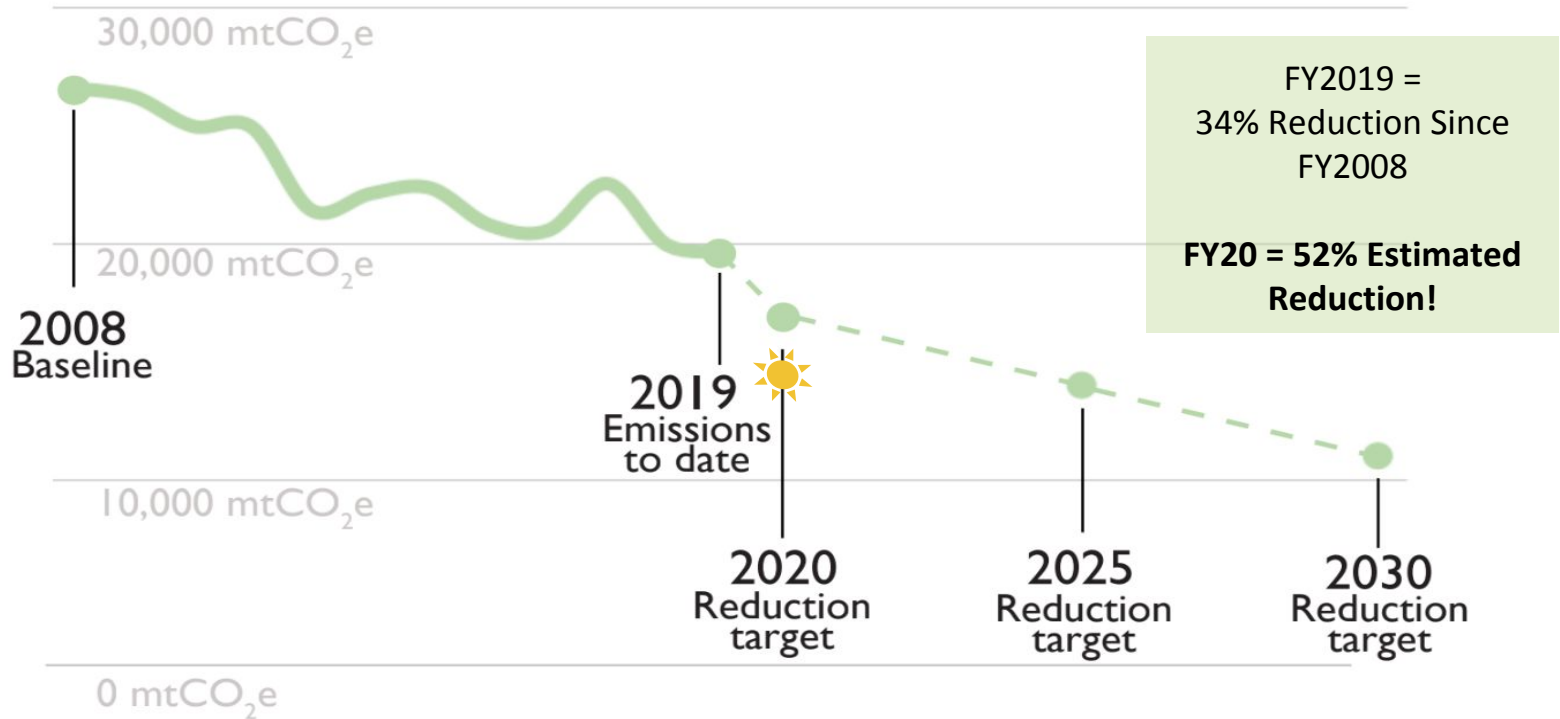
2011 Carbon Reduction Wedge Chart

●●● ACTUAL EMISSIONS



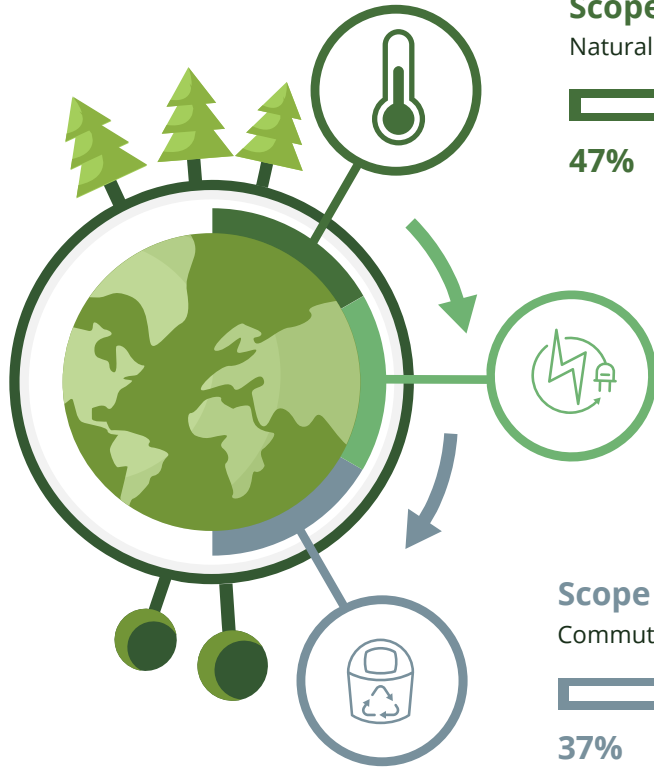
★ interim net GHG emissions targets:
 17,000 MTCDE by 2020; 14,000 MTCDE by 2025; 11,000 MTCDE by 2030

Carbon Emissions by Fiscal Year:



 PROJECTED FY 2020 EMISSIONS (DATA VERIFICATION IN PROGRESS)

Overall Emissions by Scope



Scope 1- Direct GHGs

Natural gas & fuel oil for heating, facilities fleet, fertilizers, & refrigerants.



47%

Scope 2- Upstream GHGs

Purchased electricity from Xcel energy



16%

Scope 3- Indirect GHGs

Commuting, staff & faculty air travel, OCS air travel, waste, wastewater, paper, T&D



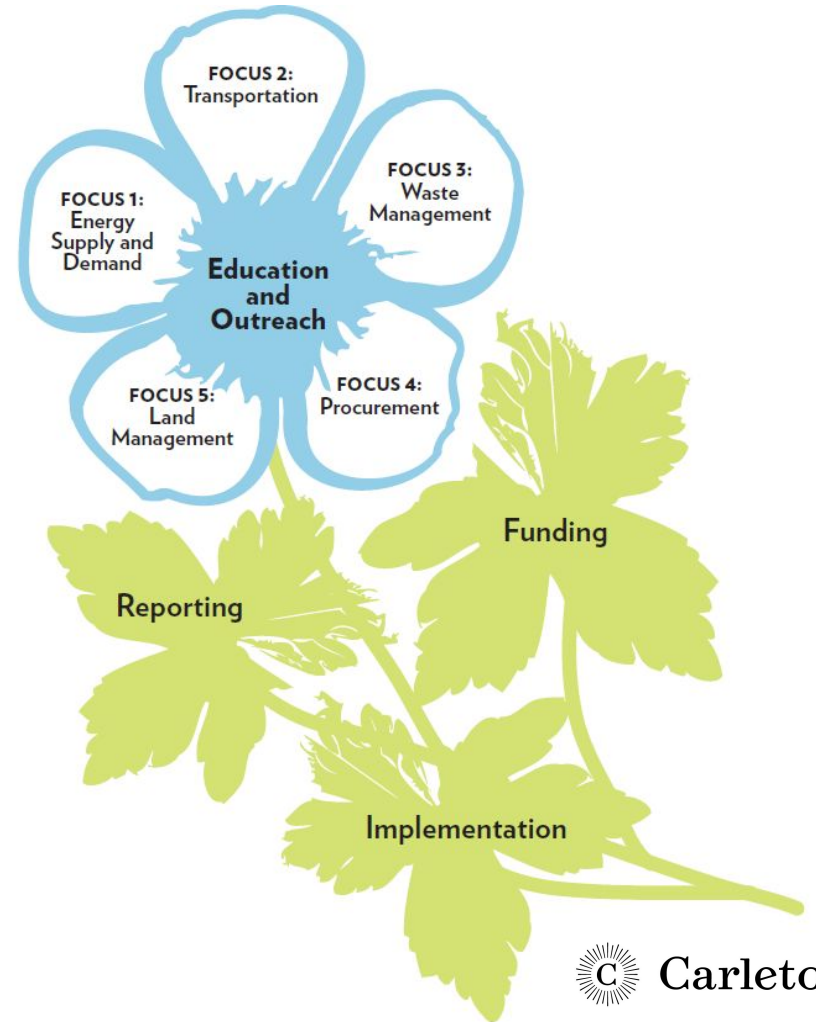
37%

Recommended Actions

2011 CAP Structure

The campus operations section includes five focus areas, all surrounding a core mission of Education & Outreach.

The plan is supported by strong reporting, funding and implementation plans.



2011 CAP Structure - Recommended Actions

Each section includes a list of specific **recommended actions**, many of which are now institutionalized, complete or superseded by other strategies

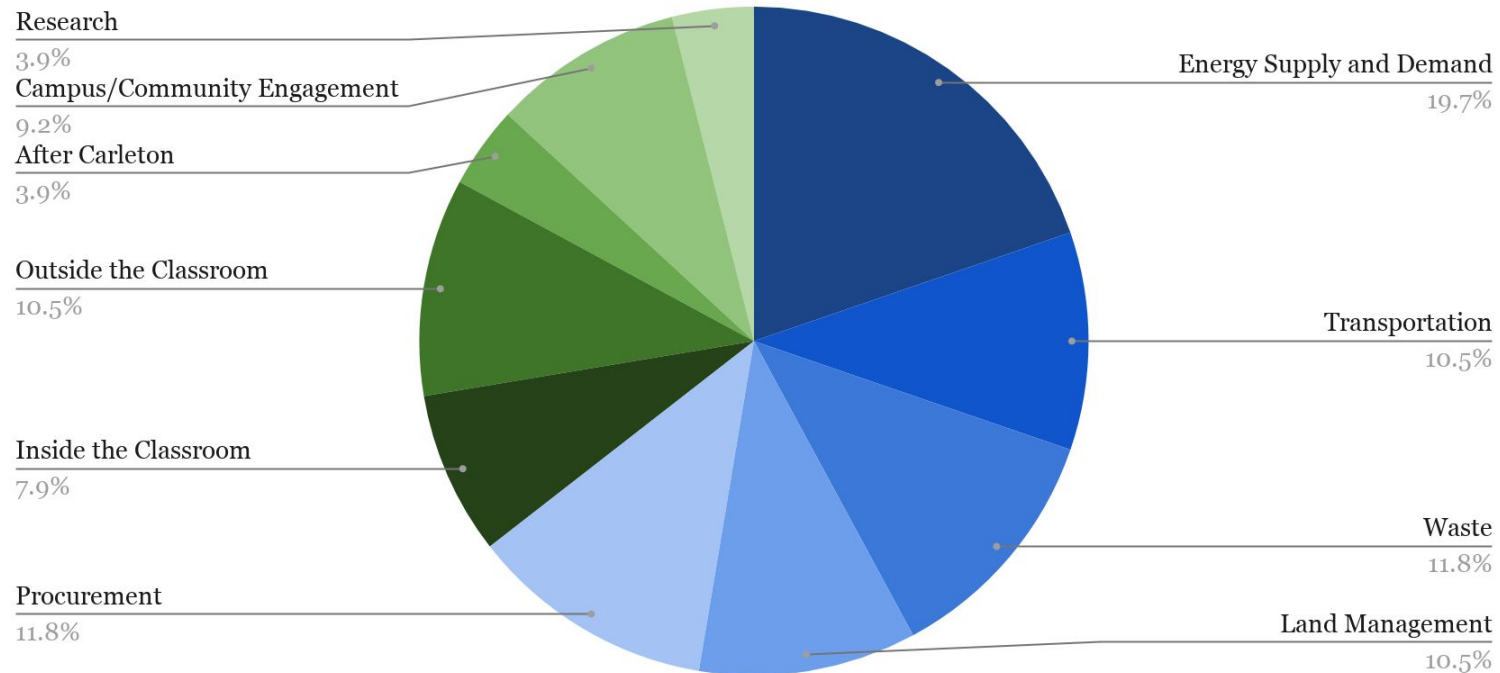
RECOMMENDED ACTIONS: CAMPUS/COMMUNITY ENGAGEMENT

1. Collaborate with campus organizations to organize a sustainability seminar series that invites speakers to campus (convocation, guest lecturers, Headly House visitors, etc.).
2. Evaluate opportunities for community interaction and education in collaboration with Carleton sustainability research and facilities projects.
3. Coordinate with external relations division to continue providing updates to the community about Carleton's sustainability efforts and carbon reduction progress.
4. Explore opportunities for partnering with other community groups such as St. Olaf College, the Northfield Public School District, the Northfield Environmental Quality Commission, Northfield Home Matters, and others to expand individual sustainability projects into community-wide collaborations.
5. Create a reading/discussion group through the Perlman Center for Learning and Teaching with a focus on sustainability.
6. Develop action guides for College departments and offices to help the campus community adopt widespread sustainability best practices, and create opportunities to engage staff and faculty members in sustainability competitions or events.
7. Establish environmental sustainability initiatives at Carleton.

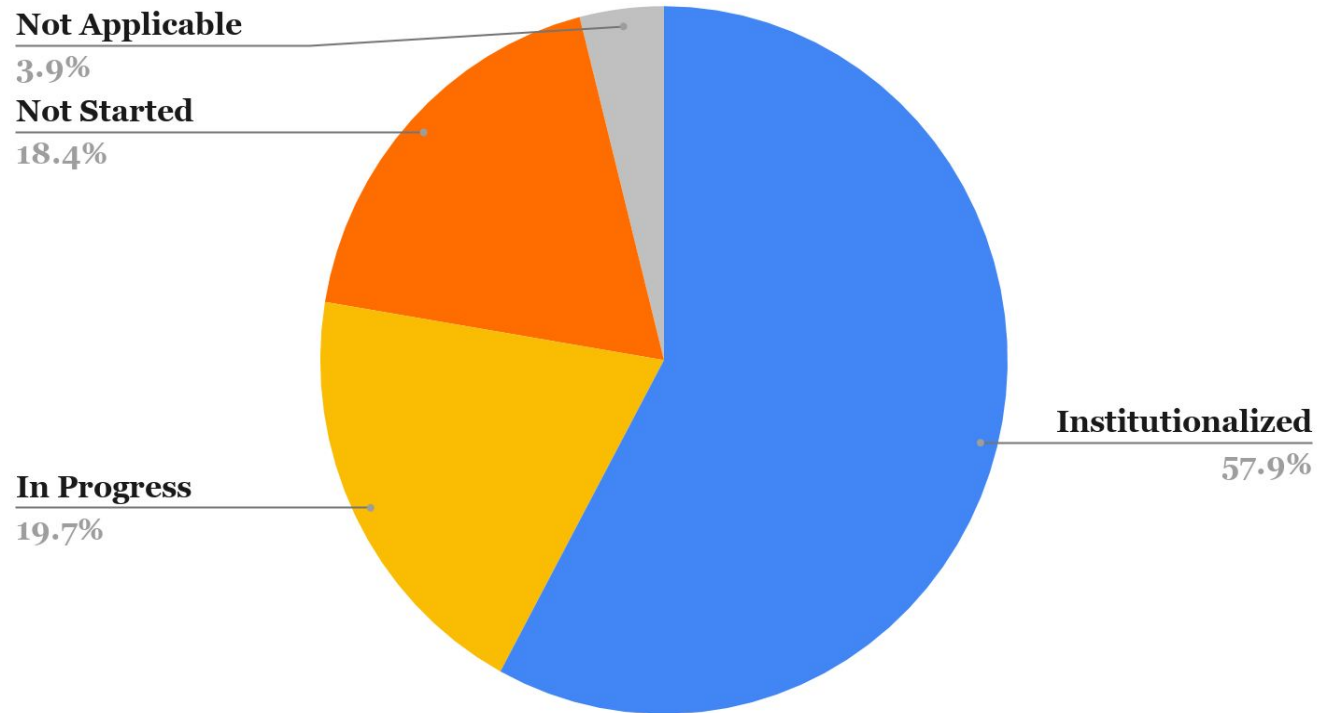
RECOMMENDED ACTIONS: FOCUS #3--WASTE MANAGEMENT

1. Work with waste hauler to commence a monthly recycling and compost reporting system.
2. Partner with Minnesota Waste Wise to conduct annual or biannual waste management audits.
3. Improve and expand communication and education about what is recyclable, compostable, and waste. Work with food service provider to label café items accordingly.
4. Consider expanding composting to administrative and academic buildings in addition to residence halls.
5. Expand residence hall bathroom composting program to include all on-campus residence halls with the eventual inclusion of all primary campus buildings.
6. Institute a campus-wide IT policy that all standard office and computer lab printer defaults are set to duplex mode.
7. Reduce the number of plastic bag inserts in Carleton office waste baskets by reducing the number of waste baskets in each office and reusing or eliminating plastic inserts.
8. Establish a Web-based inventory system for excess office supplies and office furniture so requests can be filled with a reused item rather than a new purchase whenever possible.
9. Work with students, the Environmental Advisory Committee, and Carleton's waste hauler to evaluate whether Carleton should participate in the nationwide higher education Recyclemania competition which is listed as a "tangible action" in the ACUPCC. (www.recyclemania.org).

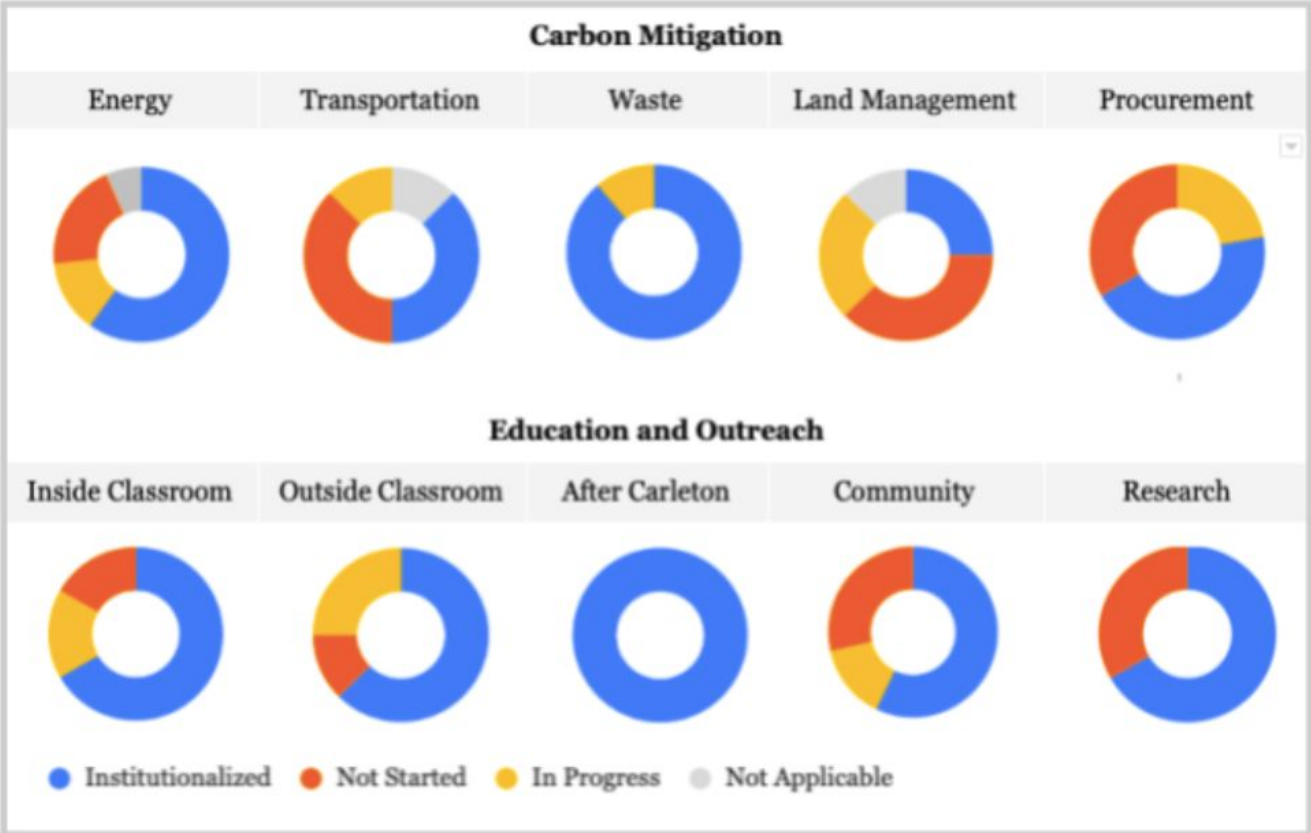
Recommended Actions - Breakdown by Section



Recommended Actions - Breakdown by Status



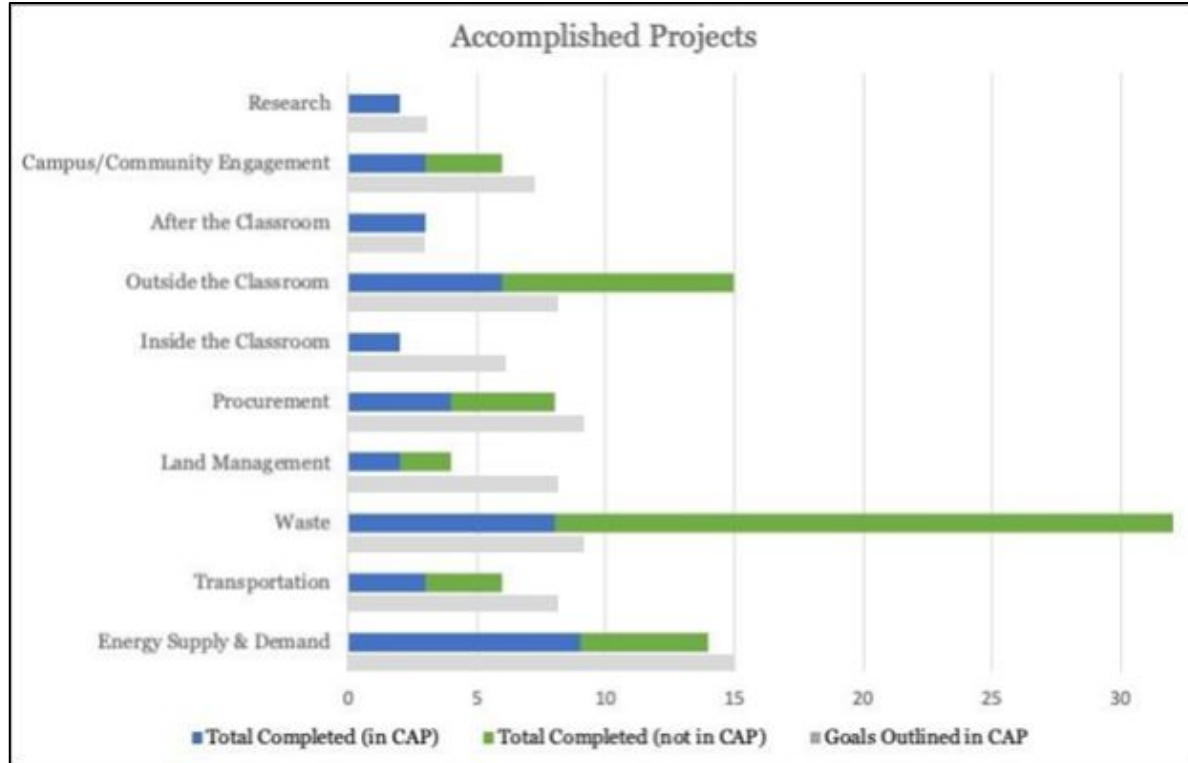
Recommended Actions - Status by Section



Additional Initiatives

Additional Sustainability Initiatives

Above and beyond the CAP 2011 Wedge Chart or Recommended Actions



Discussion: CAP Progress to Date (Jacyn)

1. Are there general questions or comments about the reading materials?
2. How well do we feel Carleton has achieved its 2011 CAP goals?
3. What is surprising or not surprising that we have or haven't achieved?
4. What enabled our successes? What slowed our progress in other areas?

Discussion: CAP Moving Forward (Simran)

1. What relevant political, technical, economic, environmental and social changes have occurred since 2011?
2. What areas of Carleton's CAP are in greatest need of updates?
3. What topics are missing from the 2011 CAP that we should now include?
4. Whose voices should be heard and what stakeholders should we bring to the table? Who will invite them and how will they engage?

Workshop 1.1 Conclusions (George)

- Summary and reflection on what we heard today
- General feelings about the process overall
- Workshop 1.1. structure, materials, length - was it ok?

Action Items / Next Steps (Alex)

- Share the [EAC website](#) with your colleagues and orgs
- Read Workshop 1.2 prep materials - coming soon
 - The Role of Higher Education (& Carleton) in the Global Climate Crisis
- Email Martha or Alex with follow-up thoughts
- Schedule next session
 - How early could you start a meeting?
 - How late could you end the meeting?

