



PA DEP Local Climate Action Program

Olivia McMahon

.APRIL.17.2023

Agenda

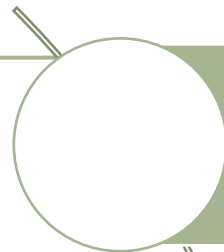
LCAP Background

Team

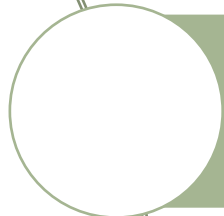
Semester I – Activities, Challenges and
Successes

Semester II - Activities, Challenges and
Successes

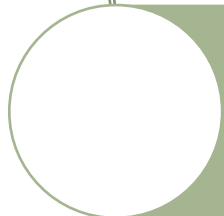
Takeaways



The Pennsylvania Climate Change Act of 2008 directed the PA DEP to produce a statewide inventory of greenhouse gas (GHG) emissions and set statewide reductions targets.



The Local Climate Action Program (LCAP) began as an initiative of the DEP with financial support from the US Department of Energy.



Participating municipalities are paired with college students who receive training and support from ICLEI Local Governments for Sustainability to inventory emissions and develop local climate action plans .



In 2022 , Penn State took leadership of the LCAP in long term in partnership with DEP and ICLEI.



Bucks County is participating in the LCAP as a complement to ongoing sustainability planning.

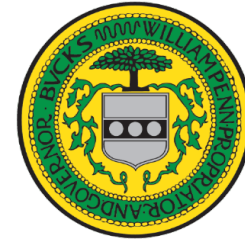
The Team



- Christopher Nafe
Energy Specialist



- Eli Yewdall
Senior Program
Officer



- Neale
Dougherty
Director of
Sustainability
- Cassandra
Goodmansen
Environmental
Planner



PennState®

- Doctor Peter Buck
- Professor
Brandi Robinson
- Jonaid Lone
Graduate
Student
- Olivia McMahon
Undergraduate

Framework



Bucks County 2019 Inventory of Community Wide Green House Gas Emissions

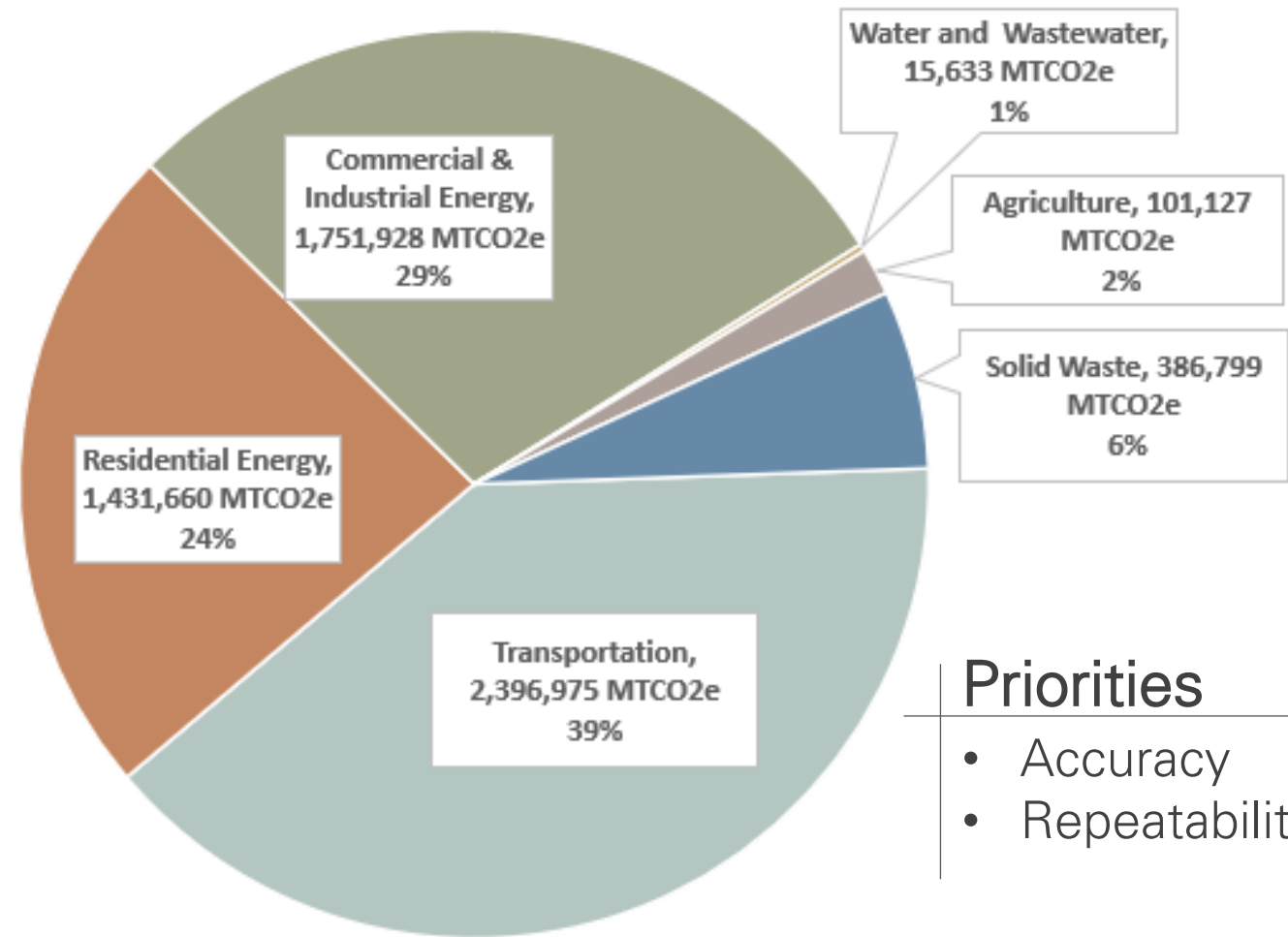
December 11, 2022

Produced by
Bucks County
Office of
Sustainability

in cooperation with
Penn State University,
The Pennsylvania
Department of
Environmental
Protection
and ICLEI – Local
Governments for
Sustainability USA

8/05/2023

Semester I



Priorities

- Accuracy
- Repeatability

Semester I

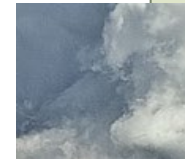
Challenges

- Scavenger hunt for puzzle pieces
 - Lost time searching for possible data collection strategies
 - Prior knowledge of likely issues would be beneficial
- Protocol for contacts
- Where to direct questions



Successes

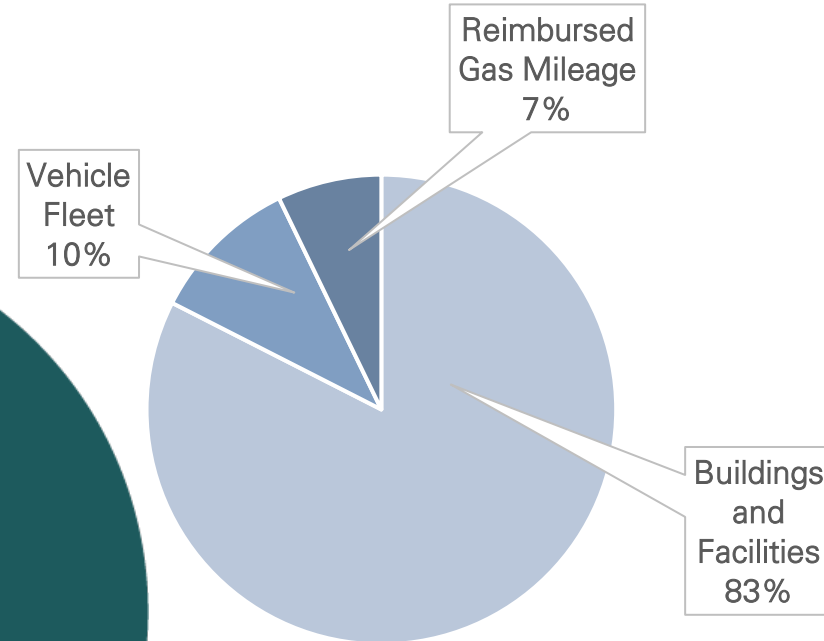
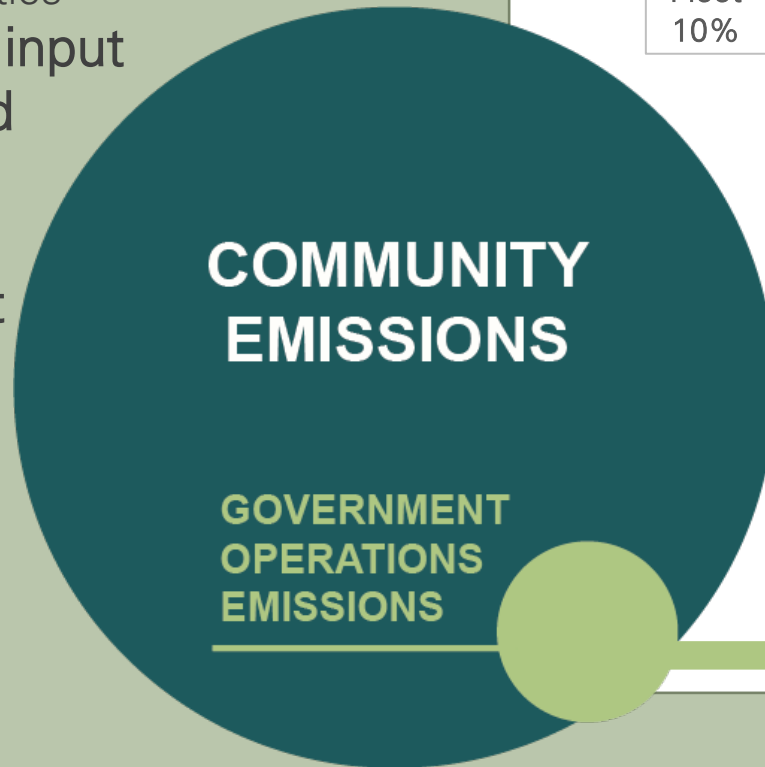
- ESP Curriculum
- Researching Municipality
 - Policy Memos
- Discussion board for questions
- Fantastic Support across the board



Semester II

Activities

- Review of other CAPS
 - Outreach to other municipalities
- Stakeholder input
- Recommend actions for County Government Operations



Semester II

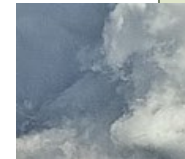
Challenges

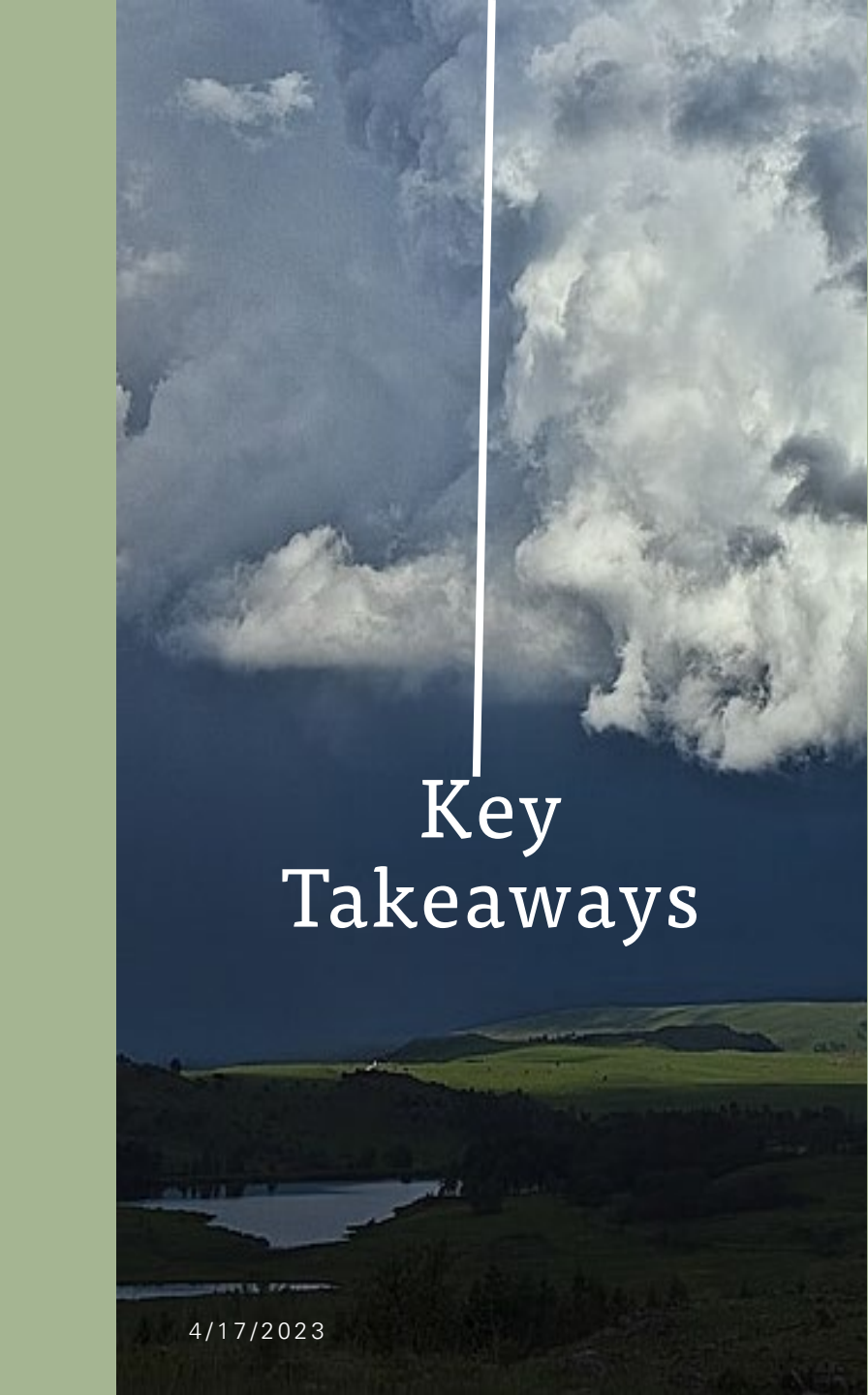
- Finding the best path forward
- Stakeholder engagement
 - Should have started immediately
- Data Acquisition
- Time constraints



Successes

- Review of other plans
- Meeting with other municipalities
- Flexibility
- Lunchtime Zoom Meetings





Key Takeaways

4/17/2023

- The more information that can be given up front the better
- Flexibility is invaluable
- **Collaboration**
Students and Professors
- **Collaboration**
Between Municipalities
- **Collaboration**
Academia and Municipalities



Thank You