

One School's Model for Fulfilling ACUPCC's GHG Inventory Reporting Requirement

Jessica Pascoe, Lewis and Clark Community College
Jonathan McGinnis, AAIC, Inc.



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Commitments

- American College and University Presidents Climate Commitment (May 15, 2008)
- Illinois Sustainable Universities Compact
- Founding member of the Illinois Community College Sustainability Network (ICCSN)



Campus Involvement: Faculty and Staff

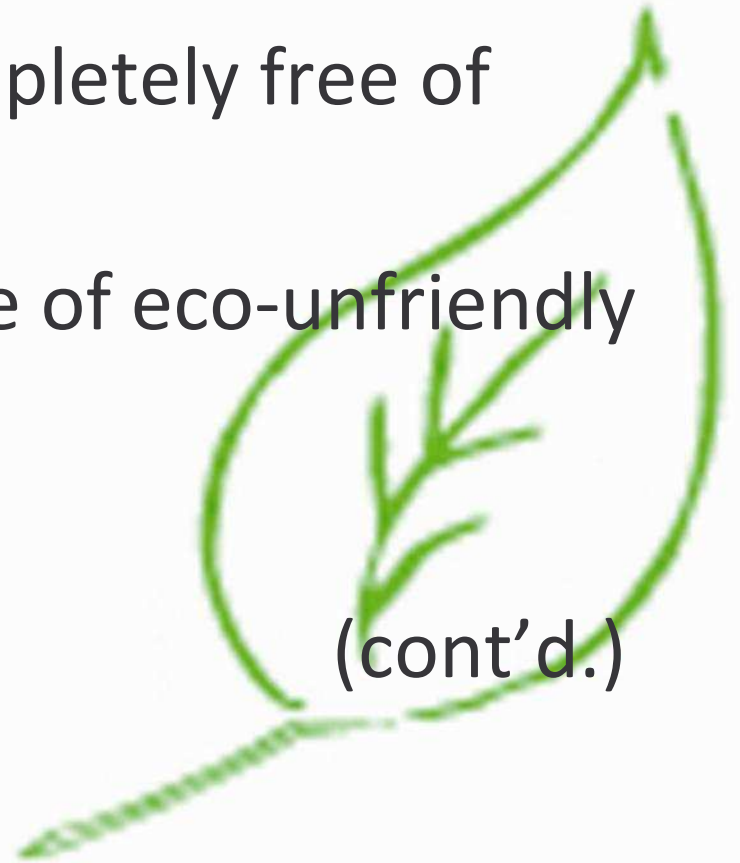
- Creation of Six Action Teams
 - Recycling
 - Campus Grounds & Woodlands
 - Environmental Literacy
 - Conservation
 - Hazardous Waste
 - Carbon Emissions



L&C's Sustainability Goals

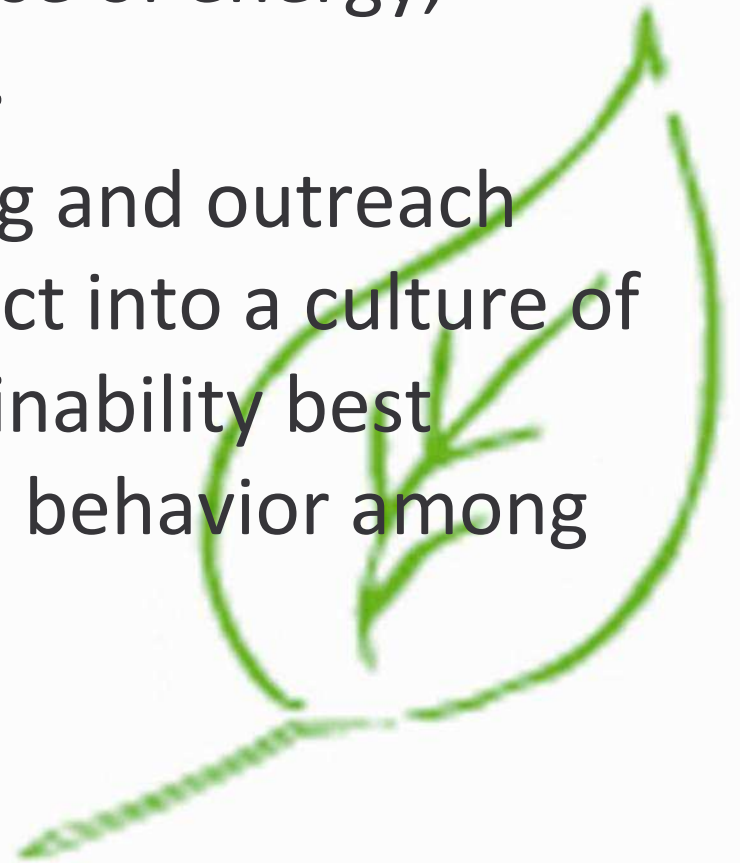
1. Significantly reduce GHG emissions and carbon footprint.
2. Become less reliant or completely free of energy grid.
3. Significantly reduce the use of eco-unfriendly materials and substances.
4. Optimize recycling.

(cont'd.)



L&C's Sustainability Goals

5. Drastically reduce the use of paper.
6. Conserve and reduce the use of energy, water and other resources.
7. Through education, training and outreach create/transform our district into a culture of sustainability, where sustainability best practices become common behavior among individuals and groups.



National Great Rivers Research and Education Center

- Partnership of L&C, University of Illinois, and IL Natural History Survey
- Construction of the Field Station (Alton, IL)



Greenhouse Gas Inventory

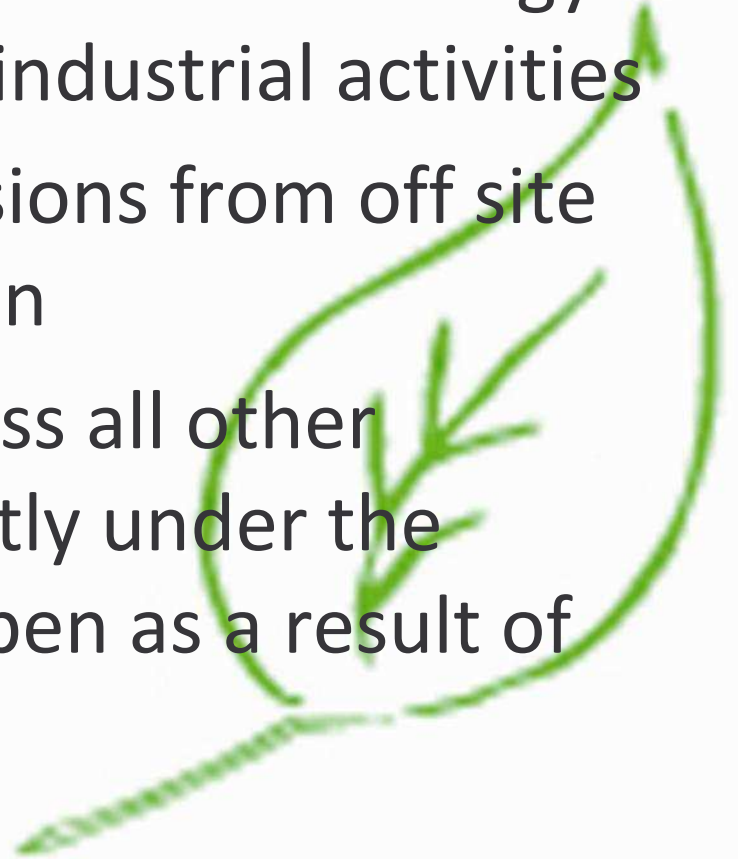
- The Clean Air Cool Planet (CA-CP) Carbon Footprint Calculator was used
- Data for the calculator was gathered through a variety of means.
 - Student and Faculty Surveys
 - Weighing and Extrapolation
 - Manual Bill Computation



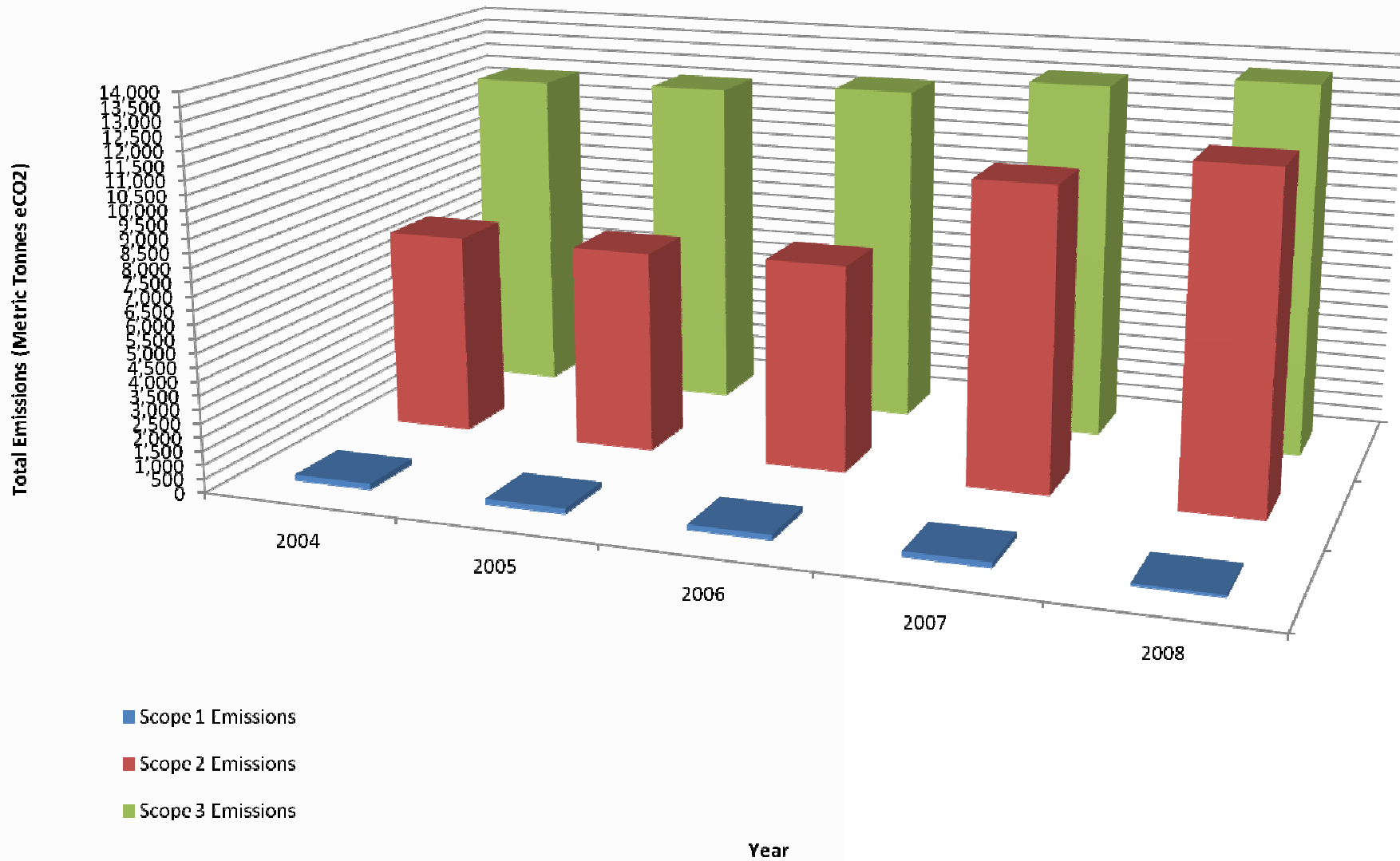
Greenhouse Gas Inventory

Emissions Scopes

- Scope 1 Emissions are emissions from energy production on site or other industrial activities
- Scope 2 Emissions are emissions from off site purchased energy generation
- Scope 3 Emissions encompass all other emissions that are not directly under the institutions control but happen as a result of said institution.

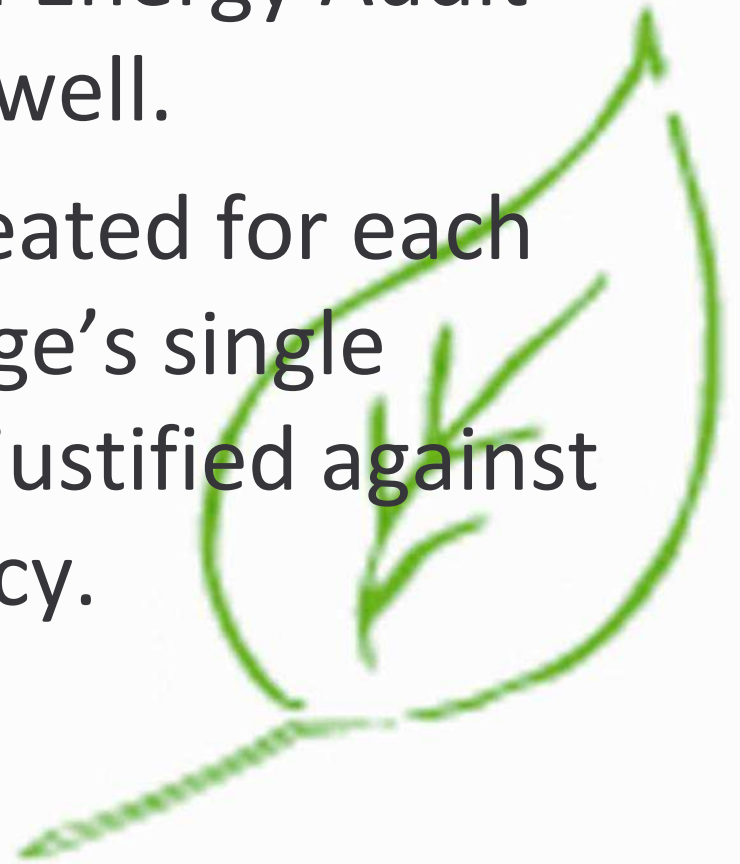


Greenhouse Gas Inventory



Energy Audit

- At the same time as the Carbon Footprint was being calculated and Energy Audit was being performed as well.
- An Energy Model was created for each building due to the College's single campus meter and then justified against historic billing for accuracy.



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